



eclipseSM
YOUR COMPLETE TOOL & ACCESSORY SOURCE

Pro'sKit[®]

Professional Tool Solutions Since 1991

BUILDING ON OUR 18 YEAR PARTNERSHIP WITH PRO'SKIT, ECLIPSE TOOLS
CONTINUES TO PROUDLY OFFER THEIR BRAND OF EXCEPTIONAL QUALITY PRODUCTS

EXCITING **NEW** Products



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INNOVATION • QUALITY • SERVICE

Pro'sKit® is an international brand of total solution provider for tools and tool kits in electronic, electrical, computer, networking & telecom fields in the worldwide market. **Pro'sKit**® has been developing its product lines and expanding its business with the policy of innovation, quality and service.

Quality is the foundation of **Pro'sKit**® brands. As an ISO9001:2008 certified manufacturer since 1998, all **Pro'sKit**® products meet or exceed quality standards and quality control procedures conform to the strict requirements of the standards. There is nothing that cannot be further improved. **Pro'sKit**® always adheres to its quality policy & high standard and will continue to enhance the capability.

Most of **Pro'sKit**® electronic power products are qualified by CE or GS, TUV and **Pro'sKit**® has been devoted to conforming to RoHS since 2006 per the European Union's regulation that secure **Pro'sKit**® high product quality for our customers throughout the world.



Computerized SOP Production Line



Handheld XRF for RoHS Compliance Testing



Lifetime Testing Machine



Burst Strength Tester



Reliability Test



Salt Spray Test



Torque Testing Machine



High Compliance Multi-Product Calibrator



Pro'sKit® Symbols

	Wire spring		RS232 D-sub round barrel contact pins or sockets		TRI-wing		Duty Cycle
	Leaf spring		Insulated & non-insulated wire ferrules		Ball hex		Relative reference
	Flat		Hex type coaxial & fiber optic connectors		Star		Continuity buzzer
	Half-round		Oval type coaxial & fiber optic connectors		Square tamper proof		Continuity check
	Round		Square type coaxial connectors center contact pins		Torx® plus 5 star		Diode test
	Stripping flat telephone cables		Crimping pressure adjustment		Torx® plus socket		Transistor hFE test
	Stripping twisted pair round cables		Ratcheting release knob		Pentalobe star tip		LED test
	2 blade stripping coaxial cables		Ratcheting release trigger		Square drive socket		Battery check
	3 blade stripping coaxial cables		Force-saving design		Bi-hexagon socket		Inductor check
	Mini bevel		Ratcheting force-saving design		Needle type bits		Backlight
	Full flush		Black tip		ESD safe		Maximum/Minimum value
	Extra full flush		Slotted		Non-magnetic		Maximum value hold
	Cross Cut		Phillips		Magnetic		Data hold
	Serrated		Torx®		Safety caution		Auto power off
	Smooth		Torx® tamper proof		Insulated		Low battery
	Crosswise serrated		Hex		1KV insulated protection		Zero-ohm adjuster
	4 pin(RJ22) telephone handset plugs		Hex tamper proof		RoHS directive		Output terminal
	6 pin(RJ11/RJ12) telephone plugs		Nut		Lead free		RS232C connector
	8 pin(RJ45) modular plugs		Pozidriv		Complied with IEC/EN 60529 IP54 test		USB connector
	10 pin(RJ50) modular plugs		Triangle		DC voltage		Hygrometer
	Telecom splice connectors		Spanner nut		AC voltage		Thermometer
	Pin terminal, insulated & non-insulated ferrules		Spanner		DC current		Light meter
	Insulated & non-insulated wire ferrules		Torq		AC current		Sound level meter
	Non-insulated terminals & lugs		Wing nut driver		Resistance		Class2, double insulated
	Open barrel, non-insulated terminals & lugs		Phillips tamper proof		Frequency		A type AC110V~120V
	D-Sub terminal & Non-Insulated Open Barrel Connectors		Clutch		Capacitance		E type AC110~120V
	Insulated terminals, Insulated & Uninsulated Flag		Spline		Temperature °C/F measurement		
	Insulated terminals		Square		Temperature °C measurement		

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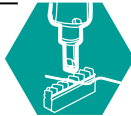
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TEST INSTRUMENTS



MT-8100 Butt Set



Features:

- High impedance monitor
- Line voltage test
- Line Continuity test
- Polarity indication
- Two-way hands-free speakerphone
- Tone and pause operation
- Speed dialing
- Last number redial
- PBX pause button
- Mute switch
- Electronic adjustable Volume
- Auto power off
- Low battery indication
- Audible ring
- Extra large steel locking belt clip
- Angled bed of nails and RJ11 plug



Waterproof



Dustproof

- Drop Protection
- Rugged
- Exterior
- Voltage Test

IEC/EN 60529
IP54

Mark for products that comply with IEC/EN 60529
IP54 Dustproof & Waterproof tests

Electrical	
Loop limit	2 K Ω maximum at 48 VDC (nominal 20 mA minimum loop current)
DC resistance	
Talk mode	300 Ω typical
Monitor impedance	39k Ω nominal at 1 kHz
Rotary dial output	
Pulsing rate	10pps+0.8pps
Percent break	61 \pm 2%
Interdigit interval	1000 ms typical
Leakage during Break	>50 k Ω
DTMF output	
Tone frequency error	\pm 1.2% maximum
Tone level	-8 \pm 2dBm combined (typical)
High versus low tone difference	4 dB maximum
Memory dialing	
Memory capacity	13 memories including M1, last number redialing
Digit capacity	16 digits per memory
PBX pause duration	4 seconds
Line voltage test	5 Phase AC/DC voltage indication (under24V,24~100V,101~150V, 151~200V,more than 200V)
Monitor amplifier	9V transistor; provides 25 hours continuous use, typical
Power source	Continuous use, typical
Automatic power shut off(Monitor type)	After 5 min. of no audio signal
Speaker phone levels	Electronically adjustable
Fuse	250V, 250mA
Power source	Battery (9V) 6F22 (Not included)
Physical	
Measurement	230 x 82 x 89mm (9.1" x 3.2" x 3.5")
Weight	635g typical
Water resistance	Dust protection & Waterproof tested to an IEC/EN 60529 IP54 rating
Cord sets	Angled bed of nails and RJ11 plug
Environmental	
Temperature	Operating: 0 to 50°C Storage:-10 to 60°C
Altitude	To 10,000 feet (3,000M) max
Relative humidity	5 To 95%

Individual packing: Color box



400-042 Butt Set



Rests easily on shoulder



Polarity LED indications

Large multi-functional panel



Angled bed of Nails



Durable hanger



High impedance monitor, Polarity indication

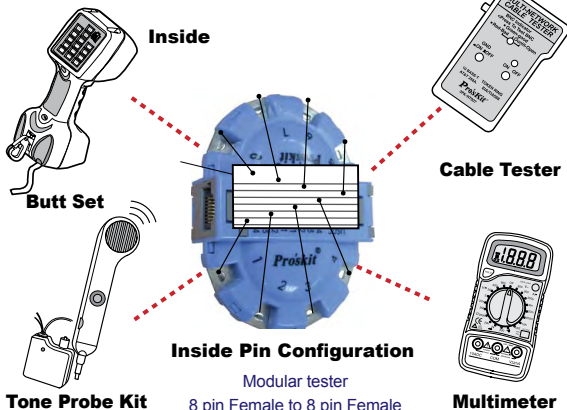
Features:

- Recognized as the new industry standard, the 400-042 butt set provides superior quality at an affordable price.
- With its high impedance monitor for data safe operation, technicians can clip onto a line in Monitor mode without disrupting existing traffic.
- **Proskit** unsurpassed protection standards and durability assure the butt set will keep working even in the toughest environments.
- New weatherproofing provides enhanced resistance to severe weather conditions.

Electrical	
Loop limit	2 kΩ maximum at 48 VDC (nominal 20 mA minimum loop current)
DC resistance	
Talk mode	300Ω typical
Monitor impedance	39kΩ nominal at 1 kHz
Rotary dial output	
Pulsing rate	10pps±0.8pps
Percent break	61%±2%
Interdigit interval	1000 ms typical
Leakage during break	>50 kΩ
DTMF output	
Tone frequency error	±1.2% maximum
Tone level	-8±2dBm combined(typical)
High versus low tone difference	4 dB maximum
Memory dialing	
Memory capacity	12 memories plus last number redialing
Digit capacity	16 digits per memory
PBX pause duration	4 seconds
Monitor amplifier power source	9V transistor; provides 25 hours continuous use, typical
Speaker levels	Low, medium, high
Automatic power shut off	After 5 min. of no audio signal
Speaker phone levels	Low, medium high
Fuse	250V, 250mA
Power source	Shared line and battery power
Physical	
Length	10.2"(26.0 cm)
Width	2.8"(7.0 cm)
Height	3.5"(8.90 cm)
Weight	560 g typical
Environmental	
Temperature	Operating: 0 to 50° C Storage: -40 to 66° C
Altitude relative humidity	To 10,000 feet 5 to 95%

Individual packing: Color box

900-244 In-Line Modular Adapters (4/6/8 Pin 3 In 1)



Features:

- The 900-244, In-line Modular Adapter allows in-line testing for any plug/jack combination. It includes two 4-pair jacks plus a modular cord terminated with 4-pair "universal" plug for accessing any standard 6- or 8-position jack.
- Individual conductors are broken out by pin number and correspond to eight separate test pads.
- Test equipment can be securely attached to the test pads using alligator clips.
- For quick reference in the field, USOC, T568A, and T568B wiring charts are printed right onto the body.



	6 pin Female to 8 pin Male		8 pin to 8 pin 205mm
	4 pin Female to 8 pin Male		8 pin to 6 pin 205mm
			8 pin to 4 pin 205mm

Individual packing: Blister card

MT-8006B Data Diver

CE **RoHS COMPLIANT** LCD display, Talk/Monitor, Polarity indication, Power saving, Hands-Free

Features:

- LCD display for dialing number, Caller ID, Clock and other information
- Indicator for determining the line service
- Smart power saving enables battery life up to 6 months
- 12 phone number memory for speed dialing
- 16 dialing number memories
- Tone (DTMF) and pulse operation
- Up to 32 digits phone number memory for speed dialing key
- Pre-dialing and last number redial function
- PBX pause key, insert a PBX pause in stored numbers
- Telephone line polarity indicators
- Low battery indication
- Backlight function
- RJ-11 port for easy test leads change
- Ringer and voltage LED indication
- Angled bed of nails and RJ-11 plug

Electrical	
Loop limit	2 K Ω maximum at 48 Vdc (nominal 20 mA minimum loop current)
DC resistance	
Talk mode	300 Ω typical
Monitor impedance	>39k Ω nominal at 1 KHz
Rotary dial output	
Pulsing rate	10pps+0.8pps
Percent break	60/40%±2%
Inter digit interval	1000 ms typical
Leakage during break	>130 K Ω
DTMF output	
Tone frequency error	±1.5% maximum
Tone level	-8±2dBm combined (typical)
High versus low tone difference	4 dB maximum
Memory dialing	
Memory capacity	12 memories
Digit capacity	16 digits per memory
PBX pause duration	1-3.6 seconds
Fuse	250V, 250mA
Power source	4pcs 1.5V AAA batteries (not included)
Physical (Hook included)	
Measurement	218.5 × 69.5 × 49mm (8.6" × 2.7" × 1.9")
Weight	208g typical

Individual packing: Double blister



MT-8006VA 3-1/2 Auto Range DCV/DCA Meter

Free with purchase of MT-8006B



Accessories: Angled bed of nails & headset



Telephone line testing



High impedance monitor

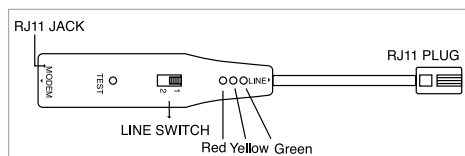
400-028 Dual Telephone Line Tester



Features:

This tool is for testing the condition of dual telephone line jacks. Multi-color LED indicator light alerts to okay line, reversed line, AC Voltage present and dead line. Fits in shirt pocket.

- Dual telephone line tester that troubleshoots common problem conditions with standard single or dual-line telephone hook-ups.
- Compact unit easily plugs into any single or dual-line telephone jack.
- Tests for three wiring conditions: correct, reversed and AC voltage presence.



Individual packing: Blister card

902-267 / 902-459 Replacement Test Leads for Butt Set



Features:

- Professional grade "Bed of Nails" insulation piercing clips within the jaws
- Ultra-durable nylon braided jacket
- Guarantee ruggedness and flexibility
- Non-insulated ring terminals

Individual packing: Blister card



902-267



902-459

Model No.	Material	Butt set	Length	Color
902-267	Nylon/copper	400-042	60 inch	Red
902-459		MT-8006B	50 inch	Black

MT-7071 LCD Cable Length Toner & Probe Kit



The MT-7071 lets you measure cable length up to 1200M (4000ft), locates and verifies the cable status and troubleshoots wiring. Ideal for all installation and maintenance fields of telecommunication, networking, datacom, audio/video, cable TV, and all weather cabling, etc.

Cable Length Measurement up to 1200M

Measures cable length from tester to an open in the cable (break or end) up to 1200M without remote being attached

Calibration Parameters

It can determine actual calibration parameters with known length of cable for cable length test, allows setting 1-7 calibration parameters.

Wire Tracing up to 3KM

Easily track wire directly in connection with live telecommunication equipment and router.

Cable Mapping & Status Indication up to 610M

Display the result of cable mapping and troubleshoot wiring for continuity, short, open and crossover.

Max. support 8 remote units

For cable mapping on RJ45 LAN cable Cat 5,5e,6 (UTP), RJ11/12 Telephone cable Cat. 3 (2/4/6 pin) & BNC connector coaxial cable.

Non Contact Voltage Detection

Tests voltage from 90 ~ 1000V before testing for circuit protection.



Including transmitter, receiver and standard remote unit, RJ45 cable patch cord, RJ11/12 cable patch cord, alligator clips patch cord, earbud, carrying bag.

MT-7071 Toner specifications	
Cable types tested	RJ45 Lan cable Cat 5, 5e, 6, (UTP/STP), RJ11/12 Telephone cable Cat 3 (2/4/6 pin), Coaxial cable & normal solid/ Stranded wire by alligator clips patch cord
Cable test modes	580/1160 Hz two-note tones for location and isolating cables, wire mapping for validate (detects wire continuity, shorts, opens, miswired, crossover) and open length tested
Measurement technology	Cable capacitance method
Max. distance to open for test	1,200 meter (4,000 feet/1,300 yard), approx
Min. distance to open for test	2 meter (6.8 feet/ 2.2 yard)
Typical accuracy of length test	2~10 meter (6.8~33 feet/2.2~11yard) for reference 10~610 meter (33-2000 feet/ 11-666 yard.): ±5.0% 610~1,200 meter (2000~4000feet/ 666~1300 yard.) for reference, Default measuring Cat.5e cable
Calibration accuracy of length test	10~610 meter (33~2,000 feet/11~666 yard) ±3.0%, standard cable:10~50meter(33~164 feet/11~55 yard), Default measuring Cat.5e cable
Resolution & Unit of length test	0.1 meter/ feet/ yard, Rate:1~3 sec./time
Calibrating parameters memory	1~7 sets, allowing rewrite by new calibrating parameters
Max. distance of transmission & cable map	≥ 3 km (580/1160 Hz) & 610 meter (2,000 feet/666 yard)
Min. distance of cable map	Twisted Pair:1Meter (3 feet/ 1yard), normal wire:1.25Meter (4feet/1.35yard)
Cable map & Shielded indication	LCD 1~8 & G
Other functions	Continuity test, Current protection< 5 mA & voltage protection AC 60V or DC 48V, Live telecommunication equipment test and router test, Auto power off, Low battery display
Dimension (L×W×D)(mm/inch)	138×80×35/5.4x3.1x1.4"
MT-7071 Receiver specifications	
Signal status indication	580/1160 Hz
NCV indication & LED illumination	1 LED (AC90~1000V) & 1 LED
Dimension (L×W×D)(mm/inch)	198×45×33/7.8x1.8x1.3"
MT-7071 Remote unit specifications	
Remote unit	1 pc, max. support to 8 pcs (optional remotes: MT-7071U)
Compatible connectors	RJ45(8 pin), RJ11/12(6 pin), BNC connectors
Remote unit dimension (L×W×D) (mm/inch)	90×32×30/3.5x1.3x1.2"
Individual packing	Color box



Detects AC Voltage



Wire Tracing



LED light for user convenience



Max support to 8 remote units (optional)



Locate break point and length measurement



Verify LAN/ Telephone/ Coaxial cable condition



MT-7028 Network Toner & Probe Kit



The MT-7028 lets you easily to locate and verify the cable status and troubleshoot wiring for continuity, shorts, opens and crossover on RJ45 LAN cable Cat 5/5e/6/7 (UTP/STP)/RJ11/12 telephone cable Cat. 3 (2/4/6 pin) & normal solid/stranded wire by alligator clips patch cord. Ideal for all installation and maintenance fields of telecommunication, networking, datacom, audio/video, cable TV, and all weather cabling, etc.

Wire Tracing up to 3KM

The tone and probe kit let you easily tracking wire directly in connection with live telecommunication equipment and router

Cable Mapping & status Indication up to 300M

- Fast/Slow scan function for choosing
- Display the result of pin to pin cable mapping
- Display cable status and troubleshoot wiring for continuity, shorts, opens and crossover.

Non Contact Voltage detection

Tests voltage from 90 ~ 1000V, special design to make sure the power is off before testing for circuit protection

Energy saving

Automatically powers off after 1 hour of no operation

Polarity indication

Identify the telephone line polarity easily

MT-7028 Transmitter specifications	
Tone frequency	1kHz
Max. distance of transmission & Cable map	≥ 3km & 300m
Tone mode	Hi/Low two-note tone
Compatible connectors	RJ45(8 pin)/RJ11(6 pin) compatible connectors for RJ45(8 pin), RJ11/12(6P/2C/4C/6C) cable map and RJ45 tone, RJ-11(6 pin) connectors for RJ11/12(6P/2C/4C/6C) tone
Cable types tested	RJ45 Lan cable Cat 5, 5e, 6, 7 (UTP/STP), RJ11/12 Telephone cable Cat 3 (6P/2C/4C/6C)
Continuity test	1 LED (≤ 300Ω), Coaxial cable & normal solid/Stranded wire by alligator clips patch cord.
Cable map & Shielded indication	8 LEDs & 1LED, Fast/Slow dual speed
Phone line polarity indication	1 Dual color LED
Other function Live telecommunication equipment test and router test	Live telecommunication equipment test and router test, Voltage protection AC 60V or DC 48V, Auto power off, Low battery display
MT-7028 Receiver specifications	
Frequency & Compatible connectors	1kHz & RJ45(8 pin)/RJ11(6 pin)
Signal status indication	1 LED & Buzzer, ear bud jack
Cable map & Shielded indication	8 LEDs & 1LED
NCV indication & LED illumination	1 LED (AC90~1000V) & 1 LED
Battery type	DC 9.0V (NEDA 1604/ 6F22 DC9V ×1pcs)
Dimension (L×W×D)(mm/inch)	198×45×33/7.8×1.8×1.3"
Individual packing	Color box



RJ45 cable patch cord, RJ11 cable patch cord, alligator clips patch cord, ear bud, pouch bag



Detects AC voltage from 90 to 1000V



Verify LAN/ telephone cable condition



Wire tracing



400-011 Tone Generator and Probe Kit



Use it on de-energized AC wire, telephone/twisted pair wire, all voice and data category rated cable, speaker wire, virtually any cable or wire!

Features:

- Fast, accurate wire identification
- Rugged industrial design
- Sends tone to identify wires
- Three selectable tone outputs
- Two-line polarity indication
- Continuity test
- Adjustable volume control
- Visual signal strength indication
- Powerful speaker for noisy environments
- Recessed telephone test set connectors
- Battery: 9V(6F22) Included



Packaged in a soft nylon carrying case.



Tone Generator

Probe Amplifier

Individual packing: Blister card

902-228 All-in-One Toner & Probe Kit

CE RoHS COMPLIANT CONT. LED VDV Tester (Voice/Data/Video)

Features:

- Validate and troubleshoot wiring on RJ11/RJ45 cables, USB, F, BNC and RCA connectors.
- Detects telephone and Ethernet service, indicates polarity and active line numbers on voice circuits, and active pair number on Ethernet circuits
- Ideal for all maintenance fields of telecommunication, networking, datacom, Audio/Video, Cable TV and all weather cabling, etc...
- Locates cables quickly and easily
- Overcome noise and save time
- Tone on live networks safely and effectively
- Verify conductor continuity with cable map



Toner Specifications	
Tone frequency	1kHz
Tone mode	ONE/TWO-note tone
Compatible connectors	RJ45/RJ11/USB/F/BNC/RCA/Alligator Clips
Continuity test	<300Ω
Talk battery voltage	6V into 600Ω
Function selection	5-position rotary switch
Cable map indication	8 LED indicators
Voltage protection	100V
Low battery display	6.5V
Battery type	9V (6F22) (Included)
Dimension (LxWxD)	140x70x30mm / 5.5"x2.8"x1.2"

Receiver Specifications	
Frequency	1kHz
Compatible connectors	RJ45/RJ11/USB/F/BNC/RCA
Ear jack	1
Signal status indication	8 LED indicators
Cable map indication	8 LED indicators
Low battery display	6.5V
Battery type	9V (6F22) (Included)
Dimension (LxWxD)	250x52x33mm / 9.8"x2.0"x1.3"

Individual packing: Color box



Copper cabling detecting, including shielded (STP) and UTP cable



10 Base-T or 10/100 Base-T datacom networks



Locates and isolates cables quickly and easily



- Accessories :
- 1 zipper bag,
 - 2 RJ45 cables,
 - 2 BNC connectors,
 - 2 RCA connectors.

400-026 Multi-Modular Cable Tester

RoHS COMPLIANT CONT. LED For testing RJ45/RJ11/RJ12/BNC cable



Features:

- Tests RJ45 TIA568A/B (AT&T 258A), 10 Base-T, Token ring, RJ11/ RJ12 USOC and Coaxial BNC cable.
- Automatically check cable for continuity, short, open and crossed wire pairs.
- Coaxial cable port identifies cable conditions including shorts, shield opens and center conductor breaks.
- Main unit and remote allow one person testing.
- Power source: DC 9V Battery (Not included)
- Dimension: 102x106x28 (mm) / 4.0"x4.2"x1.1"
- Cable not included

Individual packing: Blister card



Accessories: Pouch bag and BNC connector

▶ MT-7058 Mini Lan Cable Tester



RJ45, RJ11, RJ 12, BNC cable tester, Voltage detector

Features:

- Complies with CE safety standard
- Automatically detect good connections, opens, crossed wires & split pairs
- Test RJ45 TIA568A/B (AT&T) 258A), 10 Base-T, Token ring, RJ11/RJ12 USOC and coaxial BNC cable
- Pin to pin cable map indicator
- Voltage detection for user safety
- Main unit and remote allow one person operation
- Compact size and lightweight design for easy to carry around
- Circuit protection design for both units
- Low power consumption with auto power off function to preserve battery
- Long cable test more than 300 meters(1000ft)

Specifications	
Function	Ground or shielded test
	1-8 LED pin to pin indicator
	No Connection indicator
	Crossover indicator
	Straight cable indicator
	Cable short indicator
	BNC cable indicator
	Non-contact detector(AC60V~240V 60Hz)
	Low battery indicator
	Beeper indicator
Size	100×60×24.5 mm / 3.94"×2.36"×0.96"
Power	12V AE23 x 1pcs (Not included)
Accessory	Pouch bag x 1, BNC connector x 1

Individual packing: Color box



BNC cable test



RJ11 cable test



RJ45 cable test



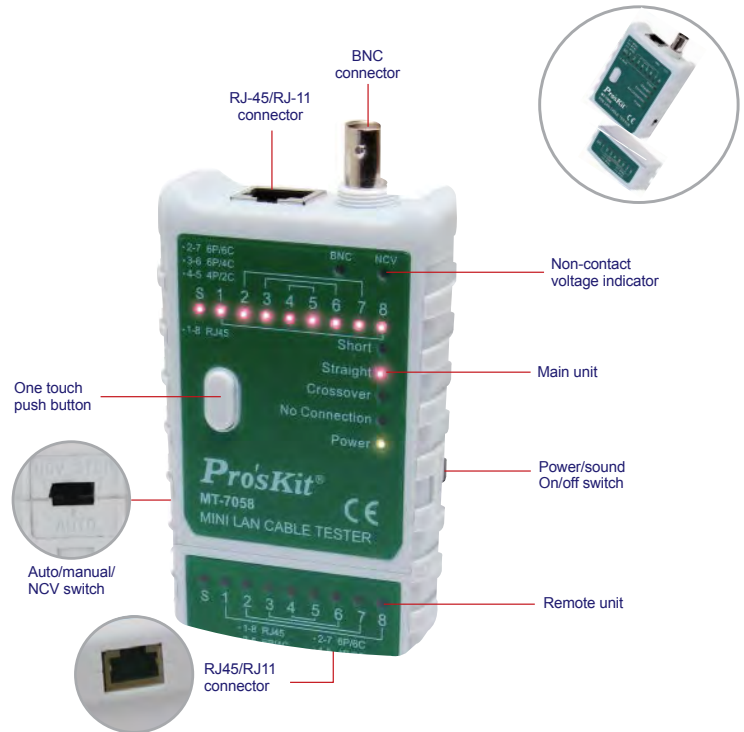
Long cable test more than 300m(1000ft)



Non-contact voltage detection (AC60V~240V 60Hz)



Accessory



▶ MT-7057N Cable Sniffer-Remote



For testing RJ45/RJ11/RJ12/BNC/USB tester

Features:

- Simple one push-button operation.
- Power supplied by a 9V battery (Not included).
- Palm size design, easy to carry around.
- Detects open, short, miswired and cross-connected wire.
- Four types of connectors provided to test RJ45, RJ11, USB and BNC.
- Measuring distance: 500m.

Individual packing: Color box



RJ45 Lan cable test



RJ11/12 telephone wire test



USB cable test



BNC coaxial cable test



Accessories: Pouch bag and BNC to RJ45 connector



▶ 400-001 LAN Cable Tester With Remote



For testing RJ45/BNC cable

Features:

- Multi-network cable tester is specified to quickly test by auto scanning wires continuity, mis-wiring and polarity in your network cables, thin Ethernet (BNC)/10 Base-T (UTP/STP)/356A/TIA-568A/TIA-568B/Token Ring. By using the attached remote terminator, you can easily test the cables before or after the cables are installed. It also allows you to test the ground of shielded twisted pairs cables.

Individual packing: Blister card



For BNC, RJ-45 twisted pair test



Accessories: Pouch bag and BNC connector

▶ 400-004 Multi-Modular Cable Tester

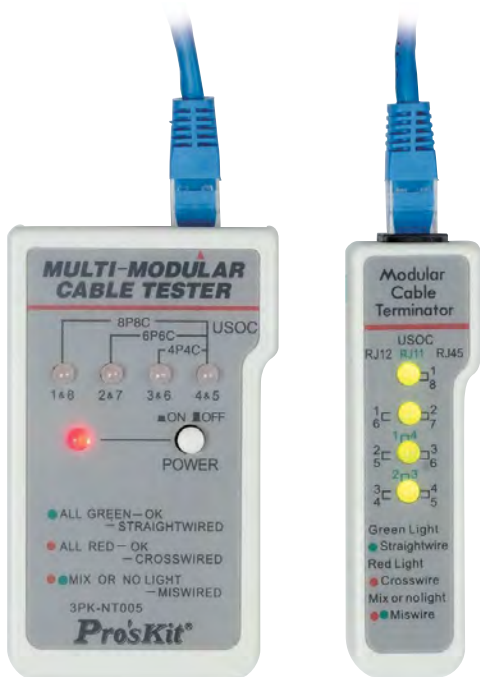


For testing RJ45/RJ11/RJ12 cable

Features:

- Multi-modular cable tester is specified to quickly test by auto scanning most of modular cables, USOC 4 / USOC 6 / USOC 8 terminating with RJ 45, RJ12, and RJ11 modular plug, wires continuity and mis-wiring. It can also be used for testing if the cable is crossed pinning or straight through. Moreover, with the remote terminator, it can be further used in remote testing even when the cable has already been installed.

Individual packing: Blister card



Accessories: Pouch bag

Pro'sKit® Test Instruments

Maximum display range and accuracy for digital multimeters and digital clamp meters and environmental meters

rdg(reading)

The value on the digital display, readout.



dgt(digit)

Indicates the least significant digit. It represents the error used for processing fractions when converting from analog to digital.

Maximum display range

MT-1860/1820: the maximum display range is "5999".
 MT-1232: the maximum display range is "3999".
 MT-1280/1270/1210: the maximum display range is "1999".
 For example of measuring resistance at MT-1232

Resistance	Display	
4000k	4.000M	The range is automatically switched so that the display unit is M or k
4000	4.000k	
40	40.00	The reading is display with three digits.

Accuracy

When ACV measurement using the MT-1270, the maximum display value is 199.9V, minimum display value is 0.01V.



Example

The accuracy of the AC200 V reading is $\pm(0.8\%rdg+5dgt)$.
 when measuring AC100V, the accuracy reading display range is 100.9-99.15.
 $100V \pm (0.8\% + 5dpt)$
 $= 100 + (0.80 + 0.05) \sim 100 - (0.80 + 0.05)$
 $= 100.9 - 99.15$

SI prefixes

Symbol	Prefixes	Decimal		Units frequently used
		Long Scale	Short Scale	
G	giga	1X1,000,000,00	1X10 ⁹	GHz
M	mega	1X1,000,000	1X10 ⁶	M , MHz
K	kilo	1X1,000	1X10 ³	k , kV, kW,kHz
m	milli	1/1,000	1X10 ⁻³	mV, mA, mW, mF, mH
μ	micro	1/1,000,000	1X10 ⁻⁶	μV, μA, μW, μF, μH
n	nano	1/1,000,000,000	1X10 ⁻⁹	nA, nF, nH
p	pico	1/1,000,000,000,000	1X10 ⁻¹²	pF, pH

USB

USB connector



Backlight



Maximum/Minimum value



Maximum value hold



Data hold



Auto power off



Low battery



Zero-ohm adjuster



Output terminal



DC voltage



AC voltage



DC current



AC current



Resistance



Frequency



Capacitance



Inductor check



Temperature °C/°F measurement



Temperature °C measurement



Duty cycle



Relative reference



Continuity buzzer



Continuity check



Diode test



Transistor hFE test



LED test



Battery check



Hygrometer



Thermometer



Light meter



Sound level meter

Most of Pro'sKit® test instruments are approved by CE EN61010-1 CATII/ CATIII test .

- CAT. II Primary circuits or equipments connected to low voltage facilities, such as a standard wall outlet.
- CAT. III Equipment used for measurement in building facilities, distribution boards, and circuit breakers.

▶ MT-1860 Professional Digital Multimeter



Features:

- 3 5/6 digits 5999 counts.
- 0.5% best accuracy.
- Auto range.
- USB connector for PC.
- Dual display with analog bar-graph.
- Touch keys.
- Extra functions: duty cycle, relative reference, backlight, Max/Min hold, data hold, auto power off, low battery indication.



mini USB connector



Accessories

Mini USB connector to computer



Specification	
DCV	600m/6/60/600V ±(0.5%+4d), 1000V ±(1.0%+4d)
ACV	6/60/600V ±(0.8%+10d), 750V ±(1.0%+6d)
DCA	60m/600mA ±(1.0%+10d), 6/10A ±(1.2%+10d)
ACA	60m/600mA ±(1.5%+10d), 6/10A ±(2.5%+15d)
Resistance	600Ω ±(0.8%+5d), 6k/60k/600k/6MΩ ±(0.8%+4d), 60MΩ ±(1.2%+10d)
Frequency	10/100/1000/10k/100k/1M/20MHz ±(0.3%+2d)
Capacitance	40nF ±(5%+30d), 400n/4μ/40μF ±(3.5%+8d), 200μF ±(5.0%+10d)
Temperature	-20~400°C (-2~752°F) ±(1.0%+5d), 400~1000°C (750~1832°F) ±(1.5%+15d)
Power source	AAA(1.5V)x2pcs (Not Included)
Continuity with beeper	Y
Diode test	Y
Size	185×91×49 mm / 7.3"×3.6"×1.9"
Individual Packing	Color box

▶ MT-1710 True-RMS Auto Range Multimeter

AC True-RMS



Features:

- 3 3/4 digits 3999 counts.
- 0.5% best accuracy.
- Both Auto and Manual range.
- AC True-RMS for accurate measurements.
- Extra functions: Continuity with beeper, Diode test, Transistor test, Duty cycle, Relative reference, Data hold, Auto power off, Low battery indication, Input alert, LCD backlight.
- Ideal for a wide variety of electrical and electronic testing applications.



Transistor hFE test



Specification	
DC Voltage (V)	400m/4/40/400V ±(0.5%+4d), 1000V ±(1.0%+6d)
AC Voltage (V) True-RMS	40~1kHz(sine and triangular wave) and 40~200Hz(other wave): 400mV ±(1.6%+8d), 4/40/400/750V ±(1.0%+10d) 200~1kHz(other wave): 400m/4/40/400/750V ±(8.0%+15d)
DC Current (A)	400u/4000uA ±(1.0%+10d), 40m/400mA ±(1.2%+8d), 10A ±(1.2%+10d)
AC Current (A) True-RMS	40~1kHz(sine and triangular wave) and 40~200Hz(other wave): 400u/4000u/40m/400mA ±(1.5%+10d), 10A ±(2.0%+15d) 200~1kHz(other wave): 400u/4000u/40m/400m/10A ±(8.0%+15d)
Resistance (Ω)	400Ω ±(0.8%+5d), 4k/40k/400k/4MΩ ±(0.8%+4d), 40MΩ ±(1.2%+10d)
Frequency (Hz)	100/1000/10k/100kHz ±(0.5%+10d), 1M/30MHz ±(0.5%+10d)
Capacitance (F)	10n ±(5.0%+20d), 100n/1u/10u/100uF ±(3.5%+8d), 1/10/100mF ±(5.0%+10d)
Temperature (°C/°F)	-20~400°C (-4~752°F) ±(1.0%+5d), 400~1000°C (752~1832°F) ±(1.5%+15d)
Power source	9V (NEDA 1640/6F22) battery
Size	190×95×45 mm / 7.4"×3.7"×1.76"
Individual Packing	Color box

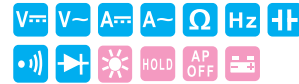
▶ MT-1705 3 1/2 True-RMS Multimeter

AC True-RMS



Features:

- 3 1/2 digits 1999 counts.
- 0.5% best accuracy.
- Auto polarity indication.
- AC True-RMS for accurate measurements.
- Large backlight LCD display for easy reading.
- Extra Function: Continuity with beeper, Diode test, Data hold, Auto power off, Low battery indication, Overload indication, LCD backlight
- Frequency and Capacitance are auto range
- Ideal for wide variety of electrical and electronic testing applications.

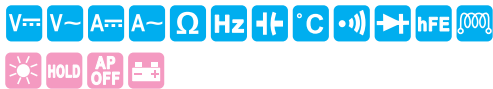


Specification	
DC Voltage (V)	200mV/2V/20V/200V ±(0.5%+3d), 600V ±(1.0%+10d)
AC Voltage (V) True-RMS	40Hz-200Hz and 200Hz-1KHz Sine and triangular wave, 2V/200V ±(0.8%+5d), 600V ±(1.2%+10d) 200Hz-1KHz otherwave, 2V/200V/600V ±(8.0%+15d)
DC Current (A)	20mA/200mA ±(1.2%+8d), 10A ±(2.0%+5d)
AC Current (A) True-RMS	40Hz-200Hz and 200Hz-1k Hz Sine and triangular wave, 200mA ±(1.5%+15d), 10A ±(3.0%+10d) 200Hz-1k Hz Other wave, 200mA/10A ±(8.0%+15d)
Resistance (Ω)	200 ±(0.8%+5d), 20K/200K ±(0.8%+3d), 20M ±(1.0%+25d)
Frequency (Hz)	10/100/1k/10k/100k/2M Hz ±(1.0%+10d)
Capacitance (F)	20nF/200nF/2μF ±(3.5%+20d), 20uF/200uF/2000uF ±(5.0%+10d)
Power source	3V(1.5VAAA*2)
Size	150×73.5×35 mm / 5.9"×2.89"×1.18"
Individual Packing	Color box



MT-5211 3 1/2 Digital LCR Multimeter

Fully featured with LCR & DMM Multimeter



Specification	
DC Voltage (V)	200mV/2V/20V/200V±(0.5%+3d), 1000V±(1.0%+5d)
AC Voltage (V)	200mV±(1.2%+3d), 2V/20V/200V±(0.8%+5d), 750V±(1.2%+5d)
DC Current (A)	2mA/20mA±(0.8%+3d), 200mA±(1.2%+4d), 20A±(2.0%+5d)
AC Current (A)	2mA/20mA±(1.0%+5d), 200mA±(2.0%+5d), 20A±(3.0%+10d)
Resistance (Ω)	200±(0.8%+5d), 2K/20K/200K/2MΩ±(0.8%+3d),
Capacitance (uF)	20MΩ±(1.0%+15d), 2000MΩ±(5.0%(reading-10)+20d)
Inductance (L)	20nF/200nF/2uF±(2.5%+20d), 20uF/200uF±(5.0%+5d)
Temperature (T)	2mH/20mH/200mH/2H/20Hz±(2.5%+20d)
(-20~1000°C)	<400°C±(1.0%+4d), ≥ 400°C±(1.5%+15d)
Frequency (Hz)	2k/20k/200k/2000K/10M Hz±(1.0%+10d)
Power source	9V 6F22 battery (not included)
Weight	390g (not including battery)
Dimension(D×W×H) (mm/inch)	189×97.5×35mm / 7.4×3.8×1.3"
Accessories	Test lead, thermocouple, test socket
Individual packing	Color box

CE CAT IV 600V RoHS COMPLIANT

NEW

- Features:**
- 3 1/2 digits 1999 counts.
 - Dual slope A/D conversion.
 - Large backlight LCD display.
 - Extra functions: Continuity with beeper, Diode test, Data hold, Auto power off, Low battery indication, Overload indication, Backlight, Transistor Tester.
 - Ideal for a wide variety of electrical and electronic testing applications.



Transistor hFE test



Transistor hFE test



Accessories



TEST INSTRUMENTS



MT-5110 3 1/2 Capacitance Meter

Capacitance Measurement 0.1pF~20,000uF.



Specification	
Capacitance	200pF ±(0.5%+7d), 2n/20n/200n/2u/20u/200uF ±(0.5%+5d), 2,000uF ±(2.0%+5d), 20,000uF ±(3.0%+10d)
Zero adjustment	Manual (range±20pF)
Over-input	Display shows "1"
Input overload protections	Y
Sampling time	0~5 second
EN61010-1	CE
Power source	NEDA1604/6F22 (9V) x 1pcs (Not included)
Size (HXWXD)mm	182x90x46mm/7.2"x3.5"x1.8"
Test Lead model no.	MT-9906
Individual packing	Color box

CE CAT III 1000V P6

- Features:**
- 3 1/2 digits 1999 counts.
 - Complies with the newest CE safety standard
 - High measuring accuracy: ±0.5%.
 - Measurements are possible even under a strong magnetic field.
 - LCD display with big digit for clear readout even in bright ambient.
 - Zero knob: Knob to zero when testing low capacitance.
 - Extra function: LCD backlight, low battery indication.



Capacitance test socket



Test probes, alligator clips



MT-1217 3 3/4 Auto Range Digital Multimeter

Auto Range/Frequency/Capacitance/Temperature/DMM All in 1



Specification	
DCV	400mV/4V/40V/400V ±(0.5%+4d), 1000V ±(1.0%+6d)
ACV	4V/40V/400V ±(0.8%+6d), 750V ±(1.0%+10d)
DCA	400uA/4000uA ±(1.0%+10d), 40mA/400mA ±(1.0%+10d), 4A/10A±(1.2%+10d)
ACA	400uA/4000uA ±(1.5%+10d), 40mA/400mA ±(1.5%+10d), 4A±(2.0%+15d); 10 A±(2.5%+15d)
Resistance	400Ω ±(0.8%+5d), 4k/40k/400KΩ/4MΩ±(0.8%+4d), 40MΩ ±(1.2%+10d)
Frequency	400/4K/20KHz ±(0.5%+10d)
Capacitance	40nF ±(0.5%+30d), 400nF/4uF/20uF ±(3.5%+8d)
Temperature	(-20°C~1000°C) < 400°C±(1.0%+5d) (-20°C~1000°C) ≥ 400°C±(1.5%+15d)
Duty Cycle	0.1%~99.9%
Continuity with beeper	Y
Diode Test	Y
Transistor hFE test	Y (with socket)
Fuse	0.4A/250V Resettable fuse, 10A/250V Fuse
Power source	9V*1(not included)
Size (HXWXD)mm/inch	182×90×46/7.2×3.5×1.8"
Test leads model no.	MT-9906
Individual packing	Color Box

CE CAT III 1000V P6

- Features:**
- Complies with newest CE safety standard
 - 3 3/4 digits 3999 counts
 - Large and easy to read display panel
 - Overload and resettable fuse protection circuit design
 - Extra function: Auto range, relative reference, backlight, data hold, auto power off, low battery indication



transistor test socket, thermocouple probe



CAT III 1000V test lead

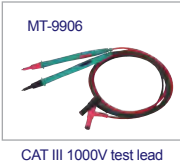


MT-1280 Professional Digital Multimeter

CE CAT III 1000V P6



- Features:
- 3 1/2 digits 1999 counts
 - 0.5% best accuracy
 - Resettable fuse protection
 - Complies with the newest CE safety standard
 - Extra functions: Auto power off, low battery indication, LCD backlight, data hold, LED indicator



Capacitance/Temperature



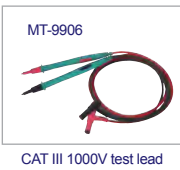
Specification	
DC Voltage	200mV/2V/20V/200V ±(0.5%+3d), 1000V ±(0.8%+10d)
AC Voltage	2V/20V/200V ±(0.8%+5d), 750V ±(1.2%+10d)
DC Current	200µA/20mA ±(0.8%+10d), 200mA ±(1.2%+8d), 20A ±(2.0%+5d)
AC Current	20mA ±(1.0%+5d), 200mA ±(2.0%+5d), 20A ±(3.0%+10d)
Resistance	200Ω ±(0.8%+5d), 2K/20K/200KΩ ±(0.8%+3d), 20MΩ ±(1.0%+25d), 200MΩ ±(5.0%+10d)
Capacitance	20nF ±(2.5%+20d), 20µF ±(2.5%+20d), 200µF ±(5.0%+20d)
Temperature	-20°C~400°C±(1.0%+5d), 400°C~1000°C±(1.5%+15d)
Continuity with beeper	Y
Diode test	Y
Transistor test	Y
Battery	9V(6F22) (Not Included)
Size (HxWxD)mm	182x90x46/7.2"x3.5"x1.8"
Individual packing	Color box

MT-1270 Digital Multimeter

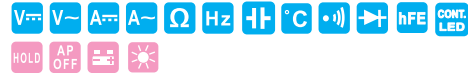
CE CAT III 1000V P6



- Features:
- 3 1/2 digits 1999 counts
 - 0.5% best accuracy
 - Complies with the newest CE safety standard
 - Resettable fuse protection
 - Extra functions: data hold, auto power off, low battery indication, LCD backlight



Frequency/Capacitance/Temperature/DMM All in 1



Specification	
DC Voltage	200mV/2V/20V/200V ±(0.5%+3d), 1000V ±(0.8%+10d)
AC Voltage	2V/20V/200V ±(0.8%+5d), 750V ±(1.2%+10d)
DC Current	2mA/20mA ±(0.8%+10d), 200mA ±(1.2%+8d), 10A ±(2.0%+5d)
AC Current	20mA ±(1.0%+15d), 200mA ±(2.0%+5d), 10A ±(3.0%+10d)
Resistance	200Ω ±(0.8%+5d) 2K/20K/200K/2MΩ ±(0.8%+3d) 20MΩ ±(1.0%+25d) 200MΩ ±(5%+reading-10)+30d]
Frequency	20K Hz ±(1.5%+4d)
Capacitance	2nF ±(4.0%+20d), 20nF ±(4.0%+20d), 200nF ±(4.0%+20d), 2µF ±(4.0%+20d), 20µF ±(5.0%+30d)
Temperature	(-20°C~1000°C)±(2.0%+2d)
Diode Test	Y
Transistor Test	Y
Continuity with beeper	Y
Battery	9V(6F22) (Not Included)
Size (HXWXD)mm	182x90x46/7.2"x3.5"x1.8"
Test Lead model no.	MT-9906
Individual packing	Color box

MT-1232 3 3/4 Autorange Digital Multimeter

CE CAT III 600V P6



- Features:
- 3 3/4 digits 3999 counts
 - Complies with the newest CE safety standard
 - Overload and mis-use protection
 - Resettable fuse protection
 - Extra functions: Relative reference, backlight, data hold, auto power off, low battery indication.



Auto range/Frequency/Capacitance/Temperature/DMM All in 1



Specification	
DC Voltage	400mV/4V/40V/400V ±(0.5%+4d), 600V ±(1.0%+4d)
AC Voltage	4V/40V/400V ±(0.8%+6d), 600V ±(1.0%+6d)
DC Current	400µA/4.000µA ±(1.0%+10d), 40mA/400mA ±(1.0%+10d), 10A ±(1.2%+10d)
AC Current	400µA/4.000µA ±(1.5%+10d), 40mA/400mA ±(1.5%+10d), 10A ±(2.5%+15d)
Resistance	400Ω ±(0.8%+5d), 4k/40k/400k/4MΩ ±(0.8%+4d), 40MΩ ±(1.2%+10d)
Frequency	1/10/100Hz ±(0.5%+10d), 1K/10K/100KHz ±(0.5%+10d), 1/10MHz ±(0.5%+10d)
Capacitance	4nF ±(0.5%+9d), 40nF/400nF/4µF/40µF ±(3.5%+8d), 100µF ±(5.0%+8d)
Temperature	(-20C~1000C) < 400C±(1.0+5d), (-20C~1000C) >= 400C±(1.5+15d)
Duty Cycle	0.1% ~ 99.9%
Continuity with beeper	Y
Diode test	Y
Fuse	10A/250V
Power source	1.5V AA x 2 (not included)
Size	147x78x41mm/5.8"x3.1"x1.6"
Test leads model no.	MT-9907
Individual packing	Color box

▶ MT-1132 3 1/2 Digital Multimeter

LCD backlight/Data hold



Specification	
DC Voltage	200mV/2V/20V/200V ±(0.5%+2d), 500V ±(0.8%+5d)
AC Voltage	200V ±(1.2%+10d), 500V ±(1.2%+10d)
DC Current	200µA/2mA/20mA/200mA ±(1.0%+5d), 10A ±(2.5%+5d)
Resistance	200Ω ±(0.8%+5d), 2K/20K/200K ±(0.8%+5d), 2MΩ ±(1.0%+5d)
Continuity with beeper	Y
Diode Test	Y
Transistor hFE test	Y
LED test	Y
Battery check	Y (1.5V)
Fuse	10A/250V
Power source	1.5V AA x 2 (not included)
Size	147x78x41mm/5.8"x3.1"x1.6"
Test leads model no.	MT-9907
Individual packing	Color box

Features:

- 3 1/2 digits 1999 counts
- Complies with the newest CE safety standard
- Large and easy to read display panel
- Overload and mis-use protection
- Extra functions: backlight, data hold, low battery indication.
- User friendly interface is ideal for students, DIY market, home applications and more



Test lead, thermocouple probe

CE CAT III 600V Pb



▶ MT-1210 3 1/2 Digital Multimeter

With backlight, data hold, economic type.



Features:

- 3 1/2 digits 1999 counts.
- 1% best accuracy.
- Extra functions: backlight, data hold, low battery indication.

Specification	
DCV	200mV/2V/20V/200V ±(1.0%+2d), 500V ±(1.2%+5d)
ACV	200/500V ±(2.5%+10d)
DCA	200µ/2m/20m/200mA ±(2.0%+5d), 10A ±(3.0%+5d)
Resistance	200Ω/2k/20k/200kΩ ±(1.0%+5d), 2MΩ ±(1.5%+5d)
Continuity with beeper	Y
Diode test	Y
Transistor hFE test	Y
Power source	NEDA1604/6F22 (9V) x 1pcs(Not included)
Size	144x70x32 mm / 5.7"x2.8"x1.3"
Individual package	Double blister



Transistor hFE test



Back light

CE CAT II 600V Pb



▶ MT-1508 Pocket Autorange Multimeter

Non-Contact ACV Detector, LCD Backlight, Data Hold, Auto Power Off, Auto Range



- Comes with a backlight, 3 1/2 digits 1999 counts easy for reading.
- Auto range functions provide accuracy, easy to use.
- Extra function: Auto power off, low battery indication, Data hold, Over range indication.
- Pocket size design for easy carrying.
- Non contact ACV detector and built-in LED flash light.

Specification	
DC Voltage (V)	200mV/2V/20V/200V±(0.5%+3d) 600V±(0.8%+5d)
AC Voltage (V)	2V/20V/200V±(0.8%+3d)600V±(1.0%+5d)
DC Current (A)	200µA/2000µA /20mA/200mA±(1.8%+5d)
AC Current (A)	200µA/2000µA /20mA/200mA±(2.0%+5d)
Resistance (Ω)	200Ω/2kΩ/20kΩ/200kΩ/2MΩ±(1.0%+3d) 20MΩ±(1.2%+15d)
Functions	Non contact ACV detector, Diode test, Continuity with beep
Power source	2x1.5V AAA battery (not included)
Weight	152g (not including battery)
Dimension(D×W×H) (mm/inch)	125x60x26mm / 4.9x2.4x1.0"
Individual packing	Blister card

NEW

Pb RoHS COMPLIANT CE CAT III 600V



▶ MT-1233C 3 1/2 Digital Multimeter

CE CAT II 300V



Accessories:
Test leads, thermocouple probe

LCD backlight, Data hold, °C and °F temperature test, Palm Size.



Features:

- Complies with the newest CE safety standard
- 3 1/2 digits 1999 counts
- Palm size for easy storage and carrying
- Extra functions: backlight, data hold, low battery indication, overload protection indication
- User friendly interface is ideal for students, DIY market. home applications and more

Specification	
DCV	200m/2000m/20/200V ±(0.8%+3d), 500V ±(1.0%+3d)
ACV	200/500V ±(1.2%+5d)
DCA	2000u/20m/200mA ±(1.2%+5d), 10A ±(2.5%+5d)
Resistance	200Ω ±(1.5%+5d), 2000/20k/200kΩ ±(1.0%+3d), 20MΩ ±(1.0%+5 d)
Temperature	-40~150°C ±(1.0%+3d), 150-1000°C ±(1.5%+15d), -40~302°F ±(1.0%+4d), 302-1832°F ±(1.5%+15d)
Continuity with beeper	Y
Diode test	Y
Power source	1.5V AAA x 2 (not included)
Size	130 x 72 x 28mm / 5.1"x2.8"x1.1"
Individual packing	Double blister

▶ MT-1233D 3 1/2 Digital Multimeter

CE CAT II 300V



Accessories: Test leads

LCD backlight, Data hold, High resistance test, Square signal output, Palm Size.



Features:

- Complies with the newest CE safety standard
- 3 1/2 digits 1999 counts
- Palm size for easy storage and carrying
- Extra functions: backlight, data hold, low battery indication, overload protection indication
- User friendly interface is ideal for students, DIY market. home applications and more

Specification	
DCV	200m/2000m/20/200V ±(0.8%+3d), 500V ±(1.0%+3d)
ACV	200/500V ±(1.2%+5d)
DCA	2000u/20m/200mA ±(1.2%+5d), 10A ±(2.5%+5d)
Resistance	200Ω ±(1.5%+5d), 2000/20k/200kΩ ±(1.0%+3d) 20MΩ±(1.0%+5d), 200MΩ ±(1.0%+10d)
Square signal output	50Hz (5 Vp-p, 50KΩ)
Continuity with beeper	Y
Diode Test	Y
Power source	1.5V AAA x 2 (not included)
Size	130 x 72 x 28mm / 5.1"x2.8"x1.1"
Individual packing	Double blister

▶ MT-1630 3 1/2 Pen-Style Meter

CE



Pen Type, Compact Size DMM



Features:

- 3 1/2 digits 1999 counts.
- 0.8% best accuracy.
- Auto range.
- Compact in size, light in weight and simple to use.
- Penlight brightly illuminates the point to be measured, even in dark places.
- Unique protection mechanism for the test probe for safety.
- Extra functions: auto power off, data hold, low battery indication.

Specification	
DCV	200m/2/20/200/600V ±(0.8%+5d)
ACV	2/20/200V ±(1.0%+3d), 600V ±(1.2%+3d)
DCA	20m/200mA ±(1.5%+10d)
ACA	20m/200mA ±(3.0%+10d)
Resistance	200Ω ±(1.0%+5d), 2k/20k/200k/2MΩ ±(1.0+3d), 20MΩ ±(1.2%+5d)
Continuity with beeper	Y
Diode test	Y
Over range indication	Y
Sampling rate	Approximately 3 times per sec.
Fuse protection	Y
Power source	LR44(1.5V)x2 pcs
Size	205 x 35 x 30 mm / 8.1"x1.4"x1.2"
Individual packing	Double blister

▶ MT-3109 AC/DC Digital Clamp Multimeter

AC/DC current, Frequency, Capacitance measurement.



AC / DC Measurement

CE CAT II 600V P6

Specification	
DCV	400mV ±(1.0%+3d), 40/400V ±(1.0%+1d), 600V ±(1.0%+5d)
ACV	4/40/400V ±(1.2%+5d), 600V ±(1.5%+5d)
DCA	40A ±(2.5%+5d), 400A ±(2.5%+3d)
ACA	40A ±(3.0%+8d), 400A ±(3.0%+5d)
Resistance	400Ω ±(1.2%+5d), 4k/40k/400kΩ ±(1.0%+5d), 4MΩ ±(1.2%+5d), 40MΩ ±(1.5%+5d)
Frequency	10/100/1k/10k/100k/1MHz ±(0.1%+5d), 10MHz (For reference only)
Capacitance	40n/400n/4μ/40μF ±(5.0%+10d), 100μF ±(6.0%+10d)
Diode test	Y
Continuity with Buzzer	Y
Power Source	AAA(1.5V) x 3 pcs (Not included)
Size	203 x 68 x 33 mm / 8.0"x2.7"x1.3"
Individual Packing	Double Blister

Features:

- 3 3/4 digits 3999 counts
- 1.0% best accuracy.
- Auto range.
- Overload protection.
- Extra function: duty cycle, relative reference, data hold, sleep mode, auto power off, low battery indication.
- Jaw Opening Size: max. 30mm



ACA measurement



DCA measurement



Accessory



▶ MT-3102 3 1/2 2A Mini Digital Clamp Meter

AC current 2A, Temperature measurement.



CE CAT II 600V P6

Specification	
DCV	200mV ±(0.8%+5d), 2/20/200V ±(0.8%+3d), 600V ±(1.0%+5d)
ACV	2/20/200V ±(1.2%+5d), 600V ±(1.5%+5d)
ACA	2A ±(3.0%+15d) ≤ 0.4A ±(4.0%+20d), 20A ±(2.0%+10d) ≤ 0.4A ±(3.0%+15d), 200/400A ± (2.0%+5d)
Resistance	200Ω ±(1.2%+5d), 2k/20k/200kΩ ±(1.0%+3d), 2MΩ ±(1.2%+5d), 20MΩ ±(1.5%+5d)
Temperature °C/ °F	-40~0 °C ±(3.0%+4d), 0~400 °C ±(1.0%+3d), 400~1000 °C ±(2.0%+10d) -40~32 °F ±(3.0%+8d), 32~752 °F ±(1.0%+6d), 752~1832 °F ±(2.0%+18d)
Diode test	Y
Continuity with beeper	Y
Power source	AAA(1.5V) x 3 pcs (Not included)
Size	203 x 68 x 33 mm / 8.0"x2.7"x1.3"
Individual packing	Double blister

Features:

- 3 1/2 digits 1999 counts.
- 0.8% best accuracy.
- Auto range.
- Portable and simple one-hand operation.
- Extra function: Maximum value hold, data hold, auto power off, low battery indication.
- Max. jaw opening: max. 30mm.



Accessory



ACA measurement



▶ MT-3266 3 1/2 Hand Held Digital Clamp Meter



CE CAT II DC 1000V AC 750V P6

Features:

- 3 1/2 digits 1999 counts.
- 0.8% best accuracy.
- Portable and simple one-hand operation.
- Extra function: data hold, low battery indication.
- Max. jaw opening: max. 50mm.
- Comes with zippered pouch.

Specification	
DCV	1,000V ±(0.8%+2d)
ACV	750V ±(1.2%+4d)
ACA	200/1,000A ±(3.0%+5d)
Resistance	200Ω ±(1.0%+3d), 20kΩ ±(1.0%+1d)
Continuity with beeper	Y
Power Source	NEDA1604/6F22 (9V) x 1pcs(Not included)
Size	230 x 70 x 37 mm / 9.1"x2.8"x1.5"
Individual package	Double blister



Accessory



ACA measurement



▶ **MT-2017 Protective Function Analog Multimeter**

CE CAT II 1000V CAT III 500V 



Gilded test leads
Attached 1000V 10A gilded test lead, more stable and reliable



Overload Protection, Gilded test leads, Null DCV



- Comes with foldable stand and hook-up design for convenient use.
- Separately 9V and 1.5V batteries cases, replace battery or fuse more easily.
- Overload protection with two fuses 0.5A & 10A ensures uninterrupted operation and long lifetime.
- Attached 1000V 10A gilded test leads, more stable and reliable.



New Mechanism Design

Separately 9V and 1.5V batteries cases, replace battery or fuse more easy. Foldable stand and hook-up design.

Specification	
DCV	0.1/2.5/10/50/250V ±3.0%FSD, 1000V ±4.0%FSD
Null DCV	DC ± 5V / ±25V ±5.0%FSD
ACV	10/50/250V ±4.0%FSD, 1000V±5.0%FSD
DCA	50μ/2.5m/25m/250mA ±3.0%FSD, 10A ±4.0%FSD
Resistance	×1(0.2~2kΩ) / ×10(2~20kΩ) / ×100(20~200kΩ) / ×1k(200~2MΩ) / ×10kΩ(2k~20MΩ) ±4.0%ARC of scale length
Capacitance	C(R×1k): 2000μF(Approx.) Max
Battery check	1.5V/9V
Transistor hFE test	Y
Diode & LED test	Y
Continuity with beeper	Y
Front Panel Controls	Range selector switch with "OFF" position, 0Ω adjust knob
Power source	1.5V AAA x 2pcs and 9V(NEDA1604) x 1pcs
Size(mm/inch)	171x108x37/6.7x4.3x1.5"
Individual packing	Color box

▶ **MT-2018 Protective Function Analog Multimeter**

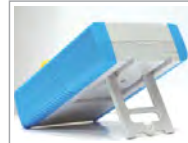
CE CAT II 1000V 



With capacitance measurement



- Overload and mis-used protection via two fuses, oxide varactor & diodes.
- Robust protective holster alongside.
- 20kΩ/V DC & 9 kΩ/V AC input sensitivity.
- Adjustable back tilt device with hook-up design.
- Ideal for using in the fields of lab, school, home applications.



Adjustable back tilt device with hook-up



Test lead



batteries & fuses

Specification	
DCV	0.1/0.5/2.5/10/50/250V ±3.0%FSD, 1000V ±4.0%FSD
ACV	10/50/250V ±4.0%FSD, 1000V±5.0%FSD
DCmA	50μA/2.5mA/25mA/250mA ±3.0%FSD
Resistance	×1(0.2~2kΩ) / ×10(2~20kΩ) / ×100(20~200kΩ) / ×1k(200~2MΩ) / ×10kΩ(2k~20MΩ) ±4.0%ARC
Capacitance	C1(R×1k): 2000μF(Approx.), C2(×50μA): 0.025μF/0.25μF/25μF ±3.0%FSD(Option MT-2007-C)
Battery Check	1.5V/9V
Transistor hFE test	Y
Diode & LED test	Y
Front Panel Controls	Range selector switch with "OFF" position, 0Ω adjust knob
Power Source	1.5V AA x 2pcs and 9V(NEDA1604) x 1pcs
Size(mm/inch)	160 x 105 x 40/6.3x4.1x1.6"
Individual Packing	Color box



NT-8540 / NT-8560 / NT-8580

Laser Distance Measurer



Multi-Measurements, Extra Side Key, Spray Proof, Dustproof

Ideal for measuring factory layout, facilities safety area, trench depth for solar installation, building maintenance, ceilings maintenance, road works, water level, sheet rock measurement.



Outdoor / Indoor Use

Comply with IP54 rated as dust-protection and spray-proof.

Extra Side Key

One touch extra side key for using easily and quickly.

Integrated Multi-measuring Functions

Area, volume, pythagorean measurement allows easy measuring in many different applications.

LCD Display

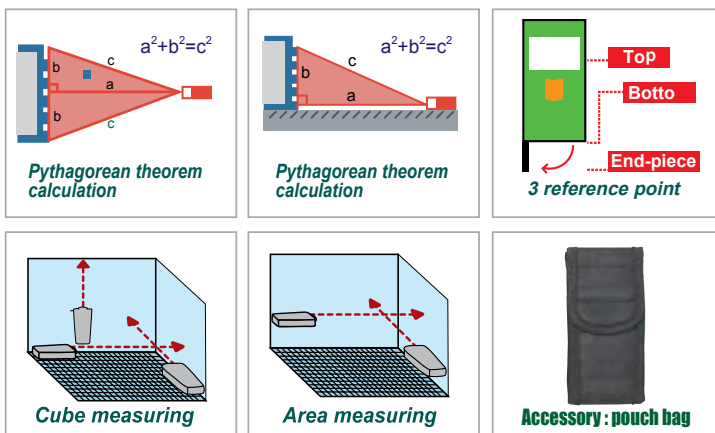
Comes with large LCD display with backlight allows for data reading in dark areas.

Fold-out Extension

Extension allows offset reference point for convenience.



Model No.	NT-8540	NT-8560	NT-8580
Measuring range	0.2-40M	0.2-60M	0.2-80M
Measuring accuracy	±1.5mm		
LCD display	4-line display with backlight		
Measuring functions	Length / Area / Volume		
Continuous measurement	Yes		
Min, Mix measurement	Yes		
Pythagorean 1	Yes		
Pythagorean 2	Yes		
Add/Subtraction	Yes		
Data memory	20 record		
Unit selection	M / ft / in / ft+in		
Beep indication	Yes		
Auto power off	After 3min.		
Auto laser power off	30s		
Low battery indicate	Y		
Laser class	Class 2M		
Laser power	635 nm≤1mW		
Operation temperature	0°C-40°C		
Storage temperature	-10°C-60°C		
Power source	2 x 1.5V AAA batteries(not included)		
Weight	113g (not including battery)		
Dimension(L×W×D) (mm/inch)	115 x 52 x 32.5mm / 4.5x 2.0 x1.3"		
Individual packing	Color Box		



▶ MT-4616 Temperature / Humidity / Dew Point Meter



NEW

- Tests ambient temperature, relative humidity, wet bulb, dew point temperature.
- Data memory up to 99 memories.
- Unit °F/°C selection, high precision & portable for measuring.
- Extra functions: Max./Min. value, low battery indication, auto power off, backlight, data hold.

99 Data Memories, 3 Types of Temperatures



Specification	
Temperature Range	-20~60°C(-4°F~140°F)
Temperature Accuracy	±1°C(0~45°C), ±1.5°C(-20~0°C, 45~60°C)
Humidity Range	0~100%RH
Humidity Accuracy	±3%(20%~80%), ±4%(0~20%, 80%~100%)
Wet Bulb Temperature Range	-20~60°C(-4~140°F)
Wet Bulb Temperature Accuracy	±1°C(0~45°C), ±1.5°C(-20~0°C, 45~60°C)
Dew Point Range	-50~60°C(-58~140°F)
Dew Point Accuracy	±1°C(0~45°C), ±1.5°C(-50~0°C, 45~60°C)
Resolution	0.1C/F ; 0.1%
Data Memory	Max. 99 of data
Unit selection	°C / °F
Auto power off	After 30mins, on/off selection
Power source	AAA 1.5V x 4 (not included)
Weight	114g (not including battery)
Dimension (L×W×D) (mm/inch)	184 x 60 x 29mm / 7.2 x 2.4 x 1.1"
Accessory	Storage Bag
Individual Packing	Double blister

▶ MT-4617 Light Intensity Meter



NEW

- Measures the visible light produced by fluorescent lamp, metal-halide lamp, high voltage sodium lamp or electric incandescent lamp.
- Built-in precision photo diode sensor and color correction filter.
- Automatic and manual measured range switching.
- Relative and peak value measurement.
- Measures up to 200,000 lux / 20,000 FC.
- Extra functions: Max./Min. value, over load indication/low battery indication, auto power off, data hold, zero calibration.

Auto/Manual Range, Zero Calibration, Relative & Peak Value



Specification	
Range	20, 200, 2000, 20000, 200000 Lux, 20, 200, 2000, 20000 FC
Ring spectral range	320~730nm
Accuracy	±3% (When at 2854K calibrated in accordance with the ordinary incandescent) ±6% (when at other visible light source)
Unit	Lux., FC
Sensor	Silicon photodiode
Sampling time	≥2 times/sec.
Auto power off	After 10 min.
Operation sound	on/off Selection
Low battery indicate	<7V
Operation environment	0~85%RH, -10, 50°C (no condense)
Storage environment	0~70%RH, -10, 50°C (no condense)
Operating altitude	Max. 2000m
Power source	9V (not included)
Weight	154 g (not including battery)
Dimension(L×W×D) (mm/inch)	170 x 85 x 45mm / 6.7 x 3.3 x 1.8"
Accessory	Storage bag
Individual packing	Double blister

▶ MT-4618 Sound Level Meter



NEW

- A & C weighting network selection
- Measuring range from 30 to 130 dB
- LCD display with backlight
- High speed (FAST)/Low speed (SLOW) response rate selection
- Extra functions: Max./Min. value, data hold, auto range, backlight, good anti-interference performance, auto power off

Auto Range, Over Range Indication, Weighted Sound Pressure Frequency



Specification	
Range	30—130dB(A, 35—130dB(C, 30—80db, 40—90db, 50—100db, 60—110db, 70—120db, 80—130db, 30-130 db is auto range
Accuracy	±1.5dB (94dB@1KHz), ±5dB (94dB@8KHz)
Resolution	0.1dB
Response frequency	30Hz — 8KHz
Dynamic sound pressure	50 dB (at each range) FAST 125ms, SLOW 1sec
Frequency weighting	A and C type
Sensor	Polarized condenser microphone
Sampling time	2 times/sec., Analog 20 times/sec.
Operating environment	10~80%RH, 0°C~40°C (Non-condensing)
Storage environment	10~70%RH, -10°C~60°C (Non-condensing)
Low battery indication	<5V
Power source	1.5V AAA battery x 4 (not included)
Weight	174 g (not including battery)
Dimension(L×W×D) (mm/inch)	174 x 60 x 29mm / 6.9 x 2.4 x 1.1"
Accessory	Storage bag
Individual packing	Double blister

MT-4611 Combustible Gas Detector

Sound & Light Alarm, Quick-response Sensor

- Quickly identifies & pinpoints gas leaks, provides visible & audible alarm.
- Detection at 10% ~ 40% lower explosion limited.
- Adjustable sensitivity setting helps precisely locate leaks.
- Rugged ergonomic & easy-to-use design.
- 35cm flexible probe allows location and detection of leak in hard-to-reach and confined spaces.

Specification	
Sound and LED light alarm	Measuring distance 1 meter, beep about 65dB
Resolution	50 ppm (methane)
Test range	10%—40% LEL
Response time	< 2S (40% LEL)
Sensor	Catalytic combustion
Low battery indicate	<5V
Operation environment	10~90%RH, 0°C~50°C (no condense)
Storage environment	10~70%RH, -10°C~60°C (no condense)
Power source	1.5V / AA battery x 4 (not included)
Weight	290 g (not including battery)
Dimension (L×W×D)(mm/inch)	Meter, 200x75x50mm / 7.9 x 3.0 x 2.0", flexible probe, Ø8x350mm / Ø0.3 x 13.8"
Accessory	Storage bag
Individual packing	Double blister



NEW

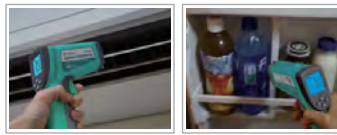
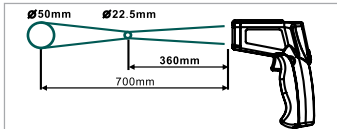
TEST INSTRUMENTS

MT-4612 Infrared Thermometer

Non-Contact Measurement, Fast Response,

- Dual laser for accurately aiming with fast (500 ms) response time
- Ergonomic design and rugged construction
- Extra functions: unit selection, backlight, auto power off, low battery indication, Data hold, Max./Min./average/difference record, high/low temperature alarm

Specification	
Temperature Range	-50°C~580°C(-58°F ~1076°F)
Accuracy	±2°C or ±2%°C
Distance Spot Ratio	16:1
Emissivity	0.1~1.0
Laser class	Class II, <1mW
Response time & Wavelength	500ms / 8-14µm
Repeatability	±1°C or ±1%°C
Resolution	0.1°C
Unit selection	C° / F°
Data memory	9 memories
Laser target point	Dual Laser / can be selected on / off
Storage temperature	-20~50°C(-4~122°F)
Operating temperature	0~50°C, 10~95%RH
Power source	6F22(9V) (not included)
Weight	204g (not including battery)
Dimension(L×W×D)(mm/inch)	175 x 130 x 45mm / 6.9 x 5.1 x 1.8"
Individual packing	Double blister



Air conditioning

Ice chest



CPU

Power supply



NEW



MT-4615 Anemometer

Air Velocity, Analog Bar Graphic, Variety of units, Air Volume, LCD Backlight, MAX./MIN Value



Specification	
Measuring range	0.8~40m/s
Accuracy	0.80~30.00 m/s, 1.40~108.00 km/h, 1.30~98.50 ft/s, 0.80~56.30 knots, 0.90~67.20 mi/h, 78~5900 ft/m, ±(2.0% + 50D), 30.00~40.00 m/s, 108.0~144.0 km/h, 98.50~131.20 ft/s, 56.30~77.70 knots, 67.20~90.00 mi/h, 5900~7874 ft/m,(only for reference)
Resolution	0.01m/s, 0.01km/h, 0.01 ft/s, 0.01knots, 0.01mile/h, 1ft/m
Unit	Air Velocity, m/s, km/h, mi/h, ft/m, ft/s, knots, Air Volume, CMS (m3/s), CMM m3/min, CFM (ft³/min), 30~40m/s only for reference
Sensor	Conventional arm angle to the impeller
Sampling time	0.4s
Auto power off	10 minutes (adjustable)
Low battery indication	<7V
Operation environment	0~85%RH, 0°C~40°C(no condense)
Fan Operation environment	0~95%RH, -20°C~80°C(no condense)
Storage environment	0~80%RH, -20°C~80°C(no condense)
Operating altitude	Max. 2000m
Power source	9V 6F22 (not included)
Weight	154 g (not including battery)
Dimension (L×W×D)(mm/inch)	170 x 85 x 40mm / 6.7 x 3.3 x 1.6"
Accessory	Storage bag
Individual Packing	Double blister

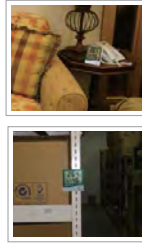
- Measuring air velocity and air volume.
- Large LCD backlight for easy reading even in dark area.
- Variety of units to choose from.
- Extra functions: Max./Min. value, low battery indication, auto power off, data hold.



NEW



▶ NT-311 Digital Temperature Humidity Meter



For Home, warehouse, Internet server center and more

Features:

- Large LCD display, easy to read
- Integrating Temperature, Humidity, Clock, Alarm clock & Calendar Multi-functions.
- MAX. and MIN. temperature and humidity memory function
- 12-hour/24-hour displaying system selection.
- Wall hanging or desk-top stand support.

Specification	
Temperature range	-10 ~ +50°C / 14 ~ 122°F
Humidity range	20%RH-90%RH
Accuracy	±1°C (±1.8°F) / ±5%RH 32 ~ 112°F : ±1.8°F 40% ~ 80%RH : ±8%RH
Resolution	0.1°C (0.1°F) / 1%RH
Battery	AAA(1.5V) x 1pcs (Not included)
Size(mm/inch)	96x 103 x 20 / 3.8"x4.0"x0.8"
Individual packing	Blister card

▶ NT-6352 3 in 1 Metal Voltage Stud Detector

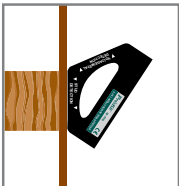
CE **Fast, accurate, easy to use, LED & buzzer indicators**



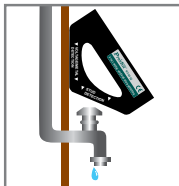
Features:

- Combined unit to accurately detect live or dead electricity cables, water or gas pipes and wooden studs or battens
- LED & buzzer indicators
- Depth penetration 18~20mm (0.7 to 0.8 inches)
- Uses precision screwdriver for easy unit sensitivity adjustment
- Power source: NEDA1604/6F22 (9V) x 1pcs(Not included)
- Size: 178 x 120 x 34.7mm (7 x 4.8 x 1.4 inches)

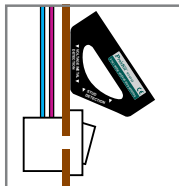
Individual packing: Color box



Wooden stud detection



Metal detection



Wiring detection

▶ NT-312 Digital Temperature Humidity Meter With Probe



For Home, office use, indoor & outdoor measuring

Features:

- Economical way to monitor ambient temperature and humidity as well as outdoor temperature via remote temperature probe.
- Large LCD display, easy to read.
- MAX. and MIN. temperature and humidity memory automatic update functions.
- Wall hanging or desk-top stand support.

Specification	
Temperature range	Indoor: -10° ~ +50°C (14 ~ 122°F)±1°C(±1.8°F) Outdoor: -50° ~ +70°C (-58°~+158°F)±1°C(±1.8°F)
Humidity range	20% RH ~ 90%RH±5%RH
Resolution	0.1°C (0.1°F) / 1%RH
Battery	AAA(1.5V) x 1pcs (Not included)
Size(mm/inch)	96x 103 x 20 / 3.8"x4.0"x0.8"
Individual packing	Blister card

▶ NT-306 Non-Contact Voltage Detector

CE **CAT IV 1000V**



Warning:
• Never test voltage more than 1000 VAC
• Test voltage range: 90V~1000 VAC

Features:

- Built-in white LED illumination light provides convenient work in dark areas
- Compact size with pocket clip easily fits into pockets or tool pouches
- Red LED and audible alarm if voltage is present
- Entire outer surface is non-conductive for safety, helps avoid high voltage shock
- Powered by two 1.5V AAA batteries (not included)
- CAT IV 1000V Safety rating.
- Applications: Electricians, maintenance staffs, service and safety personnel, and even homeowners
- Detects AC voltage from 90 to 1000 VAC without metallic contact

Individual packing: Blister card



Red LED and audible alarm if voltage is present



Built-in white LED illumination light



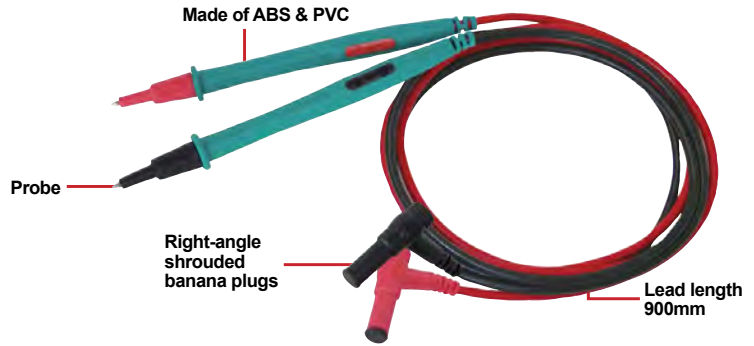
Detects AC voltage from 90 to 1000 VAC

▶ MT-9906/MT-9907 Test Leads



Features:

- One pair (one red, one black) comfort grip probes with protective cap for user comfort and safety
- Durable quality PVC insulated test leads with right-angle shrouded banana plugs
- Banana plugs are molded directly to the wire for superior pull strength
- Needle tip test probe, allowing easy access of hard to reach test points
- Compatible with most of multimeters that accept safety style sheath banana plugs



MT-9906 Specification	
Probe	Ø2x17mm
Hand piece	129mm
Lead length	900mm
Plug	Ø4.2x15mm
OAL	1045mm/41.1"
Weight	78.5g

MT-9907 Specification	
Probe	Ø2x17mm
Hand piece	109mm
Lead length	900mm
Plug	Ø4.2x15mm
OAL	1025mm/40.4"
Weight	74g

Individual packing: Blister card

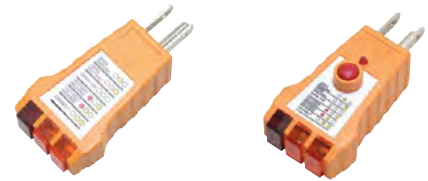
▶ 400-029/400-030 Receptacle Testers



Features:

- Tests for correct wiring, open ground, reverse polarity, open hot, open neutral, hot on neutral, hot and ground reversed with open hot and ground fault interruption in 3-wire, 120VAC circuits
- Model 400-030 features proper operation GFI receptacles testing.

Individual packing: Blister card



400-029

400-030

Light pattern indicates condition of wiring.

<p>OPEN GROUND ○ ● ○ Ground contact not connected</p> <p>HOT/GRD REVERSE ● ○ ● Hot and ground contacts interchanged</p>	<p>OPEN NEUTRAL ○ ○ ● Neutral contact not connected</p> <p>OPEN NEUTRAL ● ● ○ Hot and neutral contacts interchanged</p>	<p>OPEN HOT ○ ○ ○ Hot contact not connected</p> <p>CORRECT ○ ● ● Receptacle is wired correctly</p>
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● Red is on ● Amber is on ○ Light is off

▶ 6HP-9xxx Series Oscilloscope Probe Kit



Features:

- Switchable X1/X10 attenuation with reference switch positions.
- Break-resistant center conductor & wide compensation range.
- Flatter response, sharper leading edges.
- Faster rise time and replaceable cable probe head tip and ground lead.
- Max. input voltage: 600V (DC-peak AC).
- Includes BNC adapter, IC tip, insulating tip & trimming tool.

Individual packing: Pouch bag



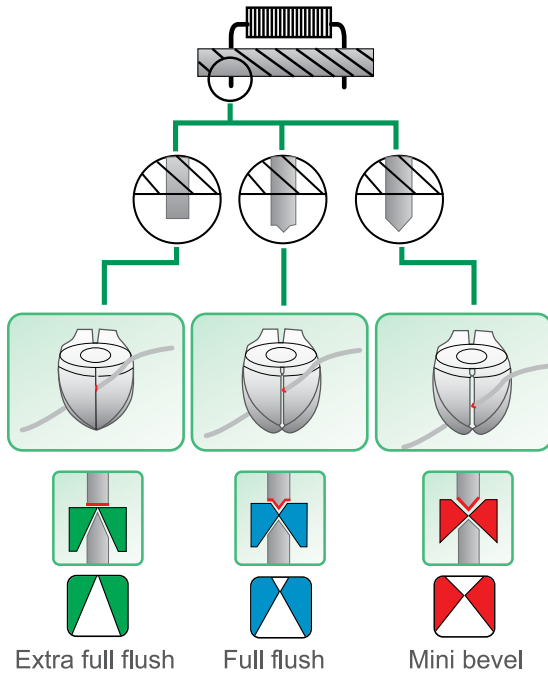
Switchable series							
Model No.	Attn.	Readout	Input impedance	Band width	Resetime	Max input V	Compensation range
6HP-9060	x1	No	1MΩ 91PF	6MHz	58ns	300VDC	NA
	x10		10MΩ 18PF	60MHz	5.8ns	600VDC	10-35PF
6HP-9100	x1		1MΩ 56PF	6MHz	58ns	300VDC	NA
	x10		10MΩ 13PF	100MHz	3.5ns	600VDC	10-35PF
6HP-9150	x1		1MΩ 5PF	6MHz	58ns	300VDC	NA
	x10		10MΩ 13PF	150MHz	2.3ns	600VDC	10-35PF
6HP-9250	x1		1MΩ 56PF	6MHz	58ns	300VDC	NA
	x10		10MΩ 13PF	250MHz	1.4ns	600VDC	10-35PF

PRECISION PLIERS & CUTTERS



Pro'sKit® Precision Pliers

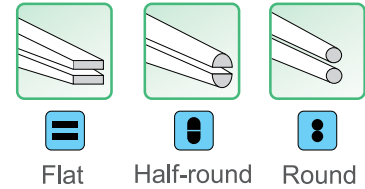
Cutting edge shapes:



All of Pro'sKit® pliers are made of high quality steel to ensure excellent performance and long life. A variety of materials are used for Pro'sKit® pliers, including: Middle Carbon Steel (S45C, S50C, S55C, SK7, SK5), High Carbon Steel (S60C), High Carbon Tool Steel (SAE 1085), Chrome Vanadium Steel (CrV, SAE 6168, SAE 6150), Chrome-molybdenum Vanadium Steel (SCM 440), Stainless Steel (AISI 420, 410, 420J2, 420K2).

- The overall lengths of most Precision Pliers range from 90 to 145mm (4" to 5-1/2") and are great for use on flattening, bending, holding and cutting precise electronic components, wires and PCB. They are also popular in the jewelry industry.
- The overall lengths of most Electrical Pliers range from 150 to 230mm (6" to 9"), suited for cutting various kinds of heavy duty metal wires, mainly used in electronic, automobile, building field.

Basic shapes of jaws :



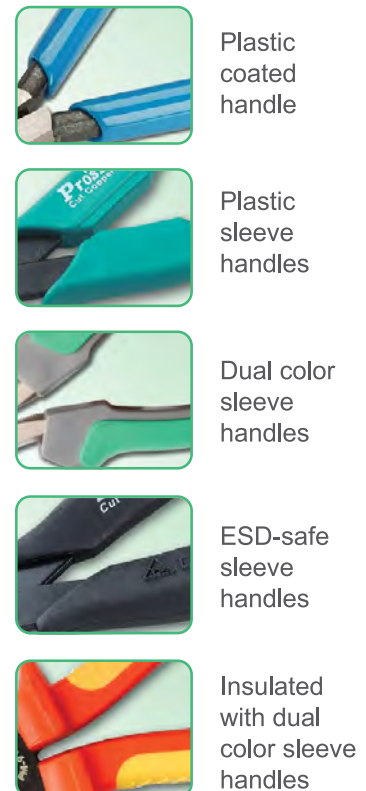
Gripping surfaces:



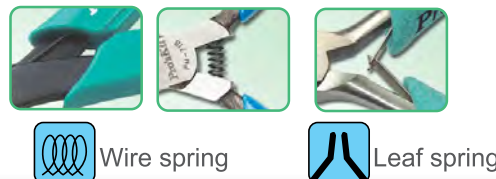
Finish of Pliers:



Handles:



Spring:



Pliers Technical Basics

Spring



Wire Spring

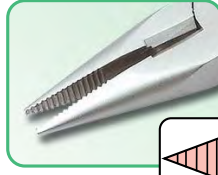


Leaf spring



Precision pliers with double leaf springs or wire spring to keep the handles always self-opening to supply smooth and efficient operation.

Gripping surfaces



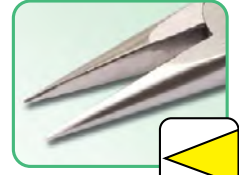
Serrated

Serrated jaws provide a good grip but serrations can mar jewelry when you exert force excessively.



Crosswise serrated

Crosswise serrated jaws provide the best grip, suited for pulling and cutting various kinds of heavy duty metal wires whatever in horizontal or vertical angles, but serrations will cause abrasion when exerting force too much.

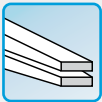


Smooth

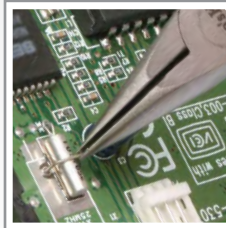
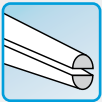
Smooth jawed pliers are unlikely to mar objects but do not provide good grip. Suited for flattening wire, flattening pins and precision assembly work.

Shapes of jaws:

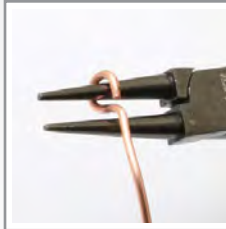
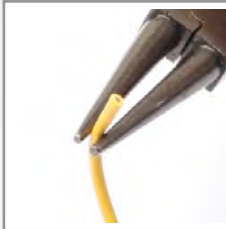
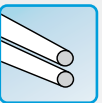
- **Flat jaws** : Mainly used in gripping and holding flat or square objects securely and for making angular bends. Insides of jaws may be smooth or serrated. Typically design for electric pliers and electronic flat nose pliers.



- **Half-round jaws** : Mainly used in holding objects, pulling wires and bending wires. Insides of jaws may be smooth or serrated. It is widely designed in various needle nose pliers.



- **Round jaws** : Mainly used in making bends, loops, circles, coils from wire or sheet metal. Tapered circular jaws are smooth so that they will not scratch or nick soft metals. It is popular in the jewelry industry



Cutting edge shapes:



Without bevel : This kind of cutting edge shape is usually designed in micro nippers, precision electronic pliers, plastic cutting pliers. Its blades are very sharp, suited for cutting soft wire up to $\varnothing 1.0\text{mm}$ (AWG 18).




Small outside bevel : This kind of cutting edge shape is usually designed in electronic pliers, suited for cutting soft wire, copper wire from 0.6 to $\varnothing 1.2\text{mm}$ (AWG 22 to 16) or small components.



Outside bevel : It is usually designed in electric pliers, needle pliers, suited for cutting thick copper wire or hard iron wire from $\varnothing 0.8$ to $\varnothing 1.6\text{mm}$ (AWG 20 to 14) or heavy duty metal pins.


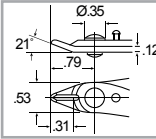
Safety Caution



- When using cutting pliers, please wear protective goggles and gloves and beware of wire ends flying off.
- Each tool should only be used for its specified purpose.
- Only handles marked with the symbol  1000V are insulating.



▶ 200-002 5" Economy Flush Cutter

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Copper		
SK7	50'±3'	50'±3'	Ø 1.6mm	14AWG	125/4.9

Unit: inch

▶ 200-071 5" Precision Flush Cutter




Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Copper		
SK7	50'±3'	50'±3'	Ø 1.3mm	16AWG	130/5.1

Unit: inch

▶ 902-077 5" Micro Cutting Plier




Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Copper		
SK5	50'±3'	55'±3'	Ø 1.6mm	14AWG	130/5.1

Unit: inch

▶ 902-011 5" Micro Cutter




Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Copper		
SK5	48'±3'		Ø 1.2mm	16AWG	125/4.9

Unit: inch

▶ 902-075/902-076 5" Micro Cutting Plier




902-076 with safety clip
Safety clip design prevents flying leads, good for PC board lead trimming, or any soldered wire leads cutting to ensure user's safety.

Model No.	Material	HRC		Application		OAL. (mm/inch)
		Body	Cutting edge	Soft steel	Copper	
902-075	SK5	50'±3'	50'±3'	Ø 0.8mm	20AWG	130/5.1
902-076				Ø 1.6mm	14AWG	

Unit: inch

Model No.	Material	HRC		Application		OAL. (mm/inch)
		Body	Cutting edge	Soft steel	Copper	
902-075	SK5	50'±3'	50'±3'	Ø 0.8mm	20AWG	130/5.1
902-076				Ø 1.6mm	14AWG	

Specialty Electronics Pliers
High quality

- Clean and smooth cutting
- Light for easy operation
- Particularly made for electronic and precision field
- Cut copper wire only



Material: SK7
High carbon steel
Hardness: HRC50*

Anti-slip PVC for comfortable operation.

Wire spring

Lanyard hole for easy carrying







Individual packing: Blister Card




▶ 200-088 5" Micro Cutter




Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Soft steel	Copper	
SK5	50'±3'	55'±3'	Ø 0.8mm	20AWG	130/5.1
			Ø 1.6mm	14AWG	

Unit: inch

▶ 200-080 2 in 1 Wire Stripper/Cutter

Material	HRC Body	Application		OAL. (mm/inch)
		Cutter: Ø1.2mm		
AISI 420	48'±3'	Stripper: 0.4-1.6mm ² (26-14AWG)		130/5.1

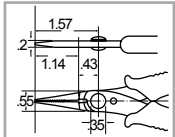
Specialty Electronic Pliers Conductive Handle

- Made from high carbon steel. Accurately machined, these high quality precision tools are designed for fine assembling and adjustment operations on electronic circuits.
- Provide easy work on high density PC board
- Conductive handle



Individual packing:
Blister Card

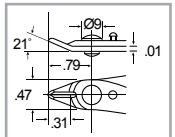
▶ 100-007 5" ESD Safe Plier



Unit: inch

Material	HRC		OAL. (mm/inch)
	Body	Body	
S50C	50±3°	50±3°	140/5.5

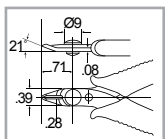
▶ 200-040 5" ESD Safe Micro Cutter



Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
SK7	50±3°	50±3°	Ø 1.3mm 16AWG	130/5.1

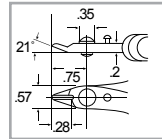
▶ 200-083 5" ESD Safe Clean Cut Micro Nipper



Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
SK7	50±3°	50±3°	Ø 0.8mm 20AWG	120/4.7

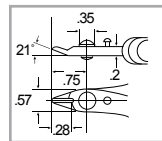
▶ 5" ESD Safe Cutter



Unit: inch



200-041



Unit: inch



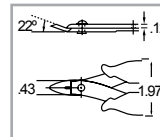
200-082
with safety clip



Safety clip design prevents flying leads, good for PC board lead trimming, or any soldered wire leads cutting to ensure user's safety.

Model No.	Material	HRC		Application Copper	OAL. (mm/inch)
		Body	Cutting edge		
200-041	S50C	50±3°	50±3°	Ø 2.0mm 12AWG	125/4.9
200-082					

▶ PM-251 Cutting Plier



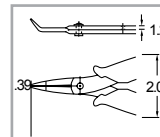
Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Body		
AISI 420J2	48±3°	48±3°	Ø 1.3mm 16AWG	122/4.8

▶ PM-252 Bent Nose Plier



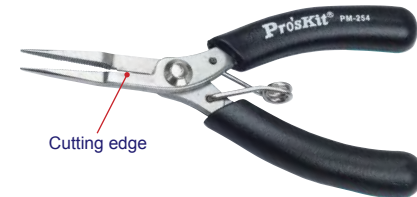
Cutting edge



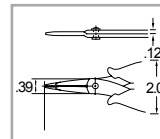
Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Body		
AISI 420J2	43~46°	43~46°	Ø 1.0mm 18AWG	118/4.6

▶ PM-254 Long Nose Plier



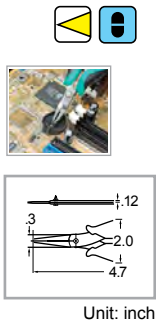
Cutting edge



Unit: inch

Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Body		
AISI 420J2	43~46°	43~46°	Ø 1.0mm 18AWG	118/4.6

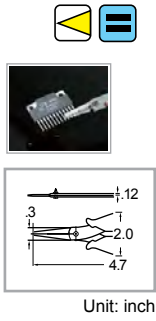
PM-396G Stainless Long Nose Plier



Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

Unit: inch

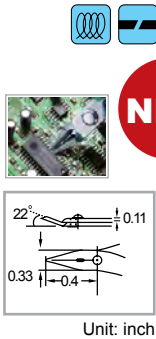
PM-396H Stainless Flat Nose Plier



Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

Unit: inch

PM-396K Stainless Cutting Plier



NEW

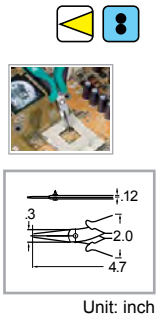


Super Slim

Material	HRC	Application Copper	OAL. (mm/inch)	Individual packing
AISI 420	48°±3°	Ø 0.1-1.0mm	115/4.53	Blister Card

Unit: inch

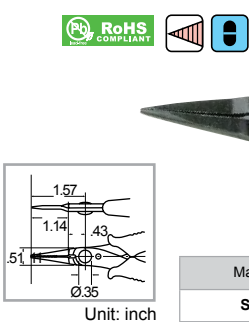
PM-396J Stainless Round Nose Plier



Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

Unit: inch

100-046 6" Long Nose Plier



Material	HRC	OAL. (mm/inch)
S55C	Body 52°±2°	150/5.9

Unit: inch

Stainless Specialty Electronic Pliers

- Made of AISI420 stainless steel which assures cleanliness and corrosion-resistance.
- Dual color non-slip TPR handles for user comfort.
- Polyoxymethylene (POM) spring for self-opening action to supply smooth operation.

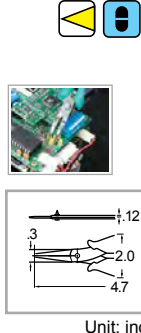


Made of high quality AISI 420 stainless steel



Individual packing: Blister Card

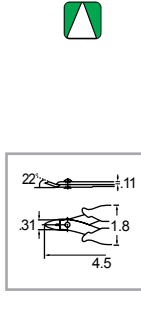
PM-396I Stainless Bent Nose Plier



Material	HRC	OAL. (mm/inch)
AISI 420	43°±3°	120/4.7

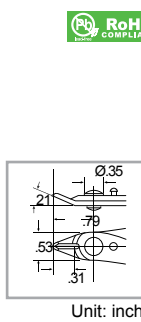
Unit: inch

PM-396F Stainless Cutting Plier



Material	HRC	Application Copper	OAL. (mm/inch)
AISI 420	48°±3°	Ø 1.3mm/16AWG	115/4.5

200-092 5" Micro Cutter



Material	HRC		Application Copper	OAL. (mm/inch)
	Body	Cutting edge		
S55C	52°±2°	60°±3°	Ø 1.3mm/16AWG	130/5.1

Unit: inch

Precision Stainless Steel Pliers Mirror Polished

- Made of stainless steel with mirror polished finish
- Leaf springs are spot welded to the tool handles to fix the jaws in a comfortable position
- Forged box joint construction gives strength and precision



Double leaf springs, are easy operation and user comfort

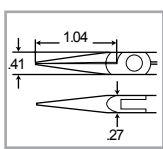
High grade alloy steel, hot drop forged, oil hardened and tempered for long life and perfect precision work

Dipped handle for user comfort



Individual packing: Blister Card

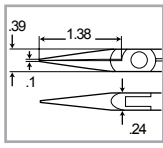
▶ 100-011 5" Needle Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	45°±3°	125/4.9

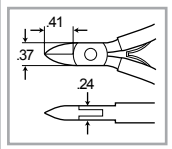
▶ 100-013 5 1/2" Needle Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48°±3°	135/5.3

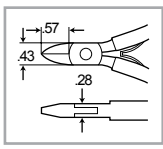
▶ 200-058 4 1/2" Slim Full Flush Diagonal Cutter



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45°±3°	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	110/4.3

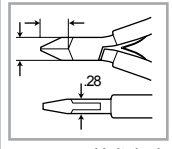
▶ 200-056 4 1/2" Semi-Flush Diagonal Cutter



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45°±3°	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 2.0mm 12AWG	110/4.3

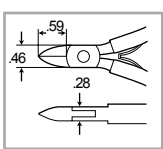
▶ 200-059 4 1/2" Full-Flush Straight Side Cutter



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45°±3°	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 2.0mm 12AWG	110/4.3

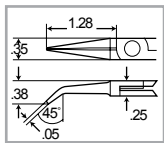
▶ 200-057 4 1/2" Full-Flush Diagonal Cutter



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45°±3°	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 2.0mm 12AWG	110/4.3

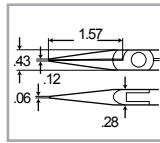
▶ 100-014 5 1/2" Bent Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48 \pm 3*	135/5.3

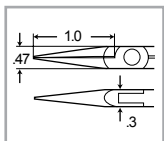
▶ 100-017 6" Needle Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48 \pm 3*	145/5.7

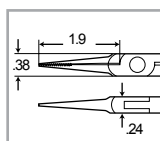
▶ 100-015 5 1/2" Flat-Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48 \pm 3*	130/5.1

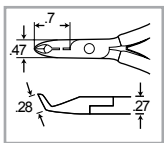
▶ 100-012 6" Needle Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48 \pm 3*	140/5.5

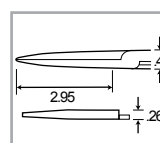
▶ 200-060 5" Flush Oblique Cutter Slim Tip Plier



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	45 \pm 3*	Ø 0.8mm 20AWG	Ø 1.0mm 18AWG	Ø 1.6mm 14AWG	125/4.9

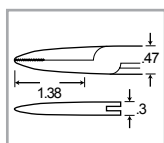
▶ 100-006 7 1/2" Long Nose Flat Blade Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48 \pm 3*	185/7.3

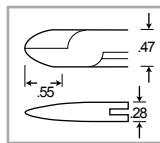
▶ 100-025 5" Long Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Body	
AISI 420	48 \pm 3*	140/5.5

▶ 200-067 5" Side Cutting Plier



Unit: inch

Material	HRC Body	Application			OAL. (mm/inch)
		Hard steel	Soft steel	Copper	
AISI 420	48 \pm 3*	Ø 0.8mm 20AWG	Ø 1.6mm 14AWG	Ø 2.0mm 12AWG	125/4.9

Precision Pliers

- High quality carbon steel S45C forged, hardened, finished with nickel plating for corrosion resistance.
- Spring-loaded for self-opening action to reduce fatigue during long term operation.
- Dual color, non-slip TPR handles for user comfort.
- Particularly designed for electronic and precision field.



Cutting edge additionally induction-hardened, hardness of HRC50~55*

Made from S45C with nickel plating for corrosion resistance

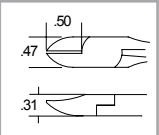
Dual color, non-slip TPR handles

Wire spring



Individual packing: Blister Card

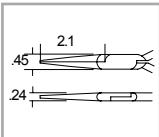
PM-737 Diagonal Cutting Plier



Unit: inch

Material	HRC	Application Copper	OAL. (mm/inch)
	Cutting edge		
S45C	50~55*	Ø 1.0mm/18AWG	115/4.5

PM-746 Needle Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Cutting edge	
S45C	50~55*	150/5.9

PM-808 Plastic Cutting Plier

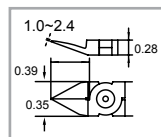


NEW

Perfect for cutting parts off the sprue/Runner/Gate

- Made of high carbon steel with fine polish finish.
- Perfectly aligned cutter blades, all cutting edges tempered and hardened.
- Tapered and relieved head is thin and slim allowing use in hard to reach areas.

Material		HRC		Application Copper	OAL. (mm/inch)
Body	Handle	Body	Cutting edge		
High carbon steel	PVC	45°±2'	59°±2'	Ø 0.3-1.3mm	117/4.61



Unit: inch

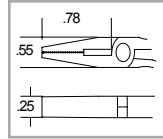


Super Slim Style



Cut off parts from sprue

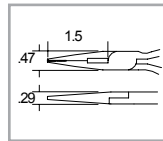
PM-731 Mini Lineman's Plier



Unit: inch

Material	HRC	Application Copper	OAL. (mm/inch)
	Cutting edge		
S45C	50~55*	Ø 1.0mm	120/4.7

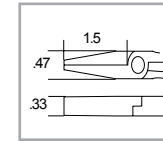
PM-736 Long Nose Plier



Unit: inch

Material	HRC	Application Copper	OAL. (mm/inch)
	Cutting edge		
S45C	50~55*	Ø 1.0mm/18AWG	135/5.3

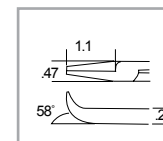
PM-754 Flat Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Cutting edge	
S45C	50~55*	138/5.4

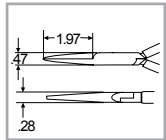
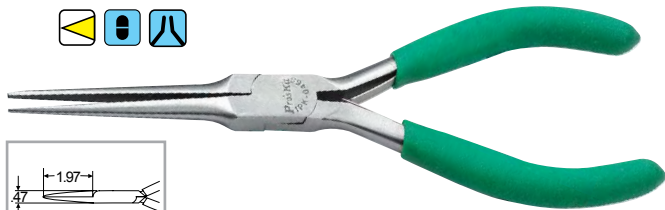
PM-755 Bent Nose Plier



Unit: inch

Material	HRC	OAL. (mm/inch)
	Cutting edge	
S45C	50~55*	135/5.3

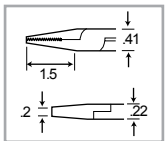
▶ 100-042 6" Needle-Nose Plier



Unit: inch

Material	HRC		OAL. (mm/inch)
	Body		
S45C	43±3*		150/5.9

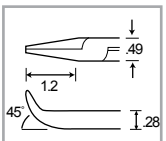
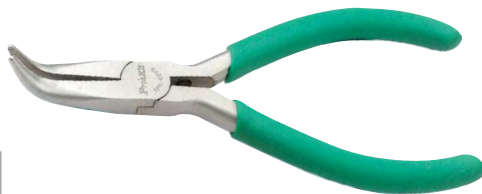
▶ 100-044 5" Flat-Nose Plier



Unit: inch

Material	HRC		OAL. (mm/inch)
	Body		
S45C	43±3*		135/5.3

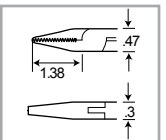
▶ 100-004 5" Bent-Nose Plier



Unit: inch

Material	HRC		OAL. (mm/inch)
	Body		
S45C	43±3*		130/5.1

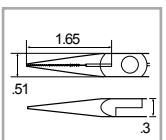
▶ 100-003 5" Long-Nose Plier



Unit: inch

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Copper	
S45C	43±3*	48±3*	Ø 0.8mm 20AWG	Ø 1.6mm 14AWG	136/5.4

▶ 100-040 5 1/2" Long Nose Plier



Unit: inch

Material	HRC		Application Hard steel	OAL. (mm/inch)	Individual packing
	Body	Cutting edge			
SAE 6140	45±3*	62±3*	Piano wire: Ø1.2mm (under HRC: 45')	140/5.5	Blister Card

**Non-Slip Handles
Precision Pliers**

- Clean and smooth cutting
- Lightweight design for easy operation
- Particularly designed for electronic and precision field



Material: S45C
Carbon steel

Nickel-iron plated

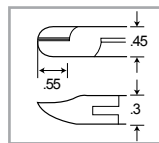
Wire spring for self-opening

Non-Slip handles
PVC plastic coated



Individual packing:
Blister Card

▶ 200-037 4 1/2" Diagonal Cutter Plier

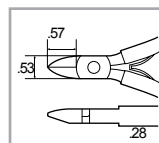


Unit: inch



Material	HRC		Application			OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Soft steel	Copper	
S45C	43±3*	48±3*	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	110/4.3

▶ 200-087 5" Heavy Duty Cutter



Unit: inch



Material	HRC		Application Hard steel	OAL. (mm/inch)	Individual packing
	Body	Cutting edge			
SAE 6140	45±3*	62±3*	Piano wire: Ø0.5mm (under HRC: 45')	125/4.9	Blister Card

PRECISION CUTTERS

NEW



- Ergonomic, non-slip handle with ensures great operator comfort.
- Leaf spring, energy saving design for efficient work.

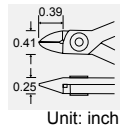


Leaf spring
Spring-loaded for
self-opening action



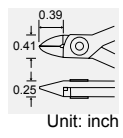
Individual packing: Blister Card

▶ PM-760 Diagonal Cutters Oval Head



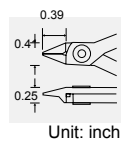
Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55'±3'	55'±3'	Ø 0.2-1.3mm	115/4.53

▶ PM-761 Diagonal Cutters Oval Head



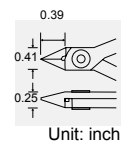
Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55'±3'	55'±3'	Ø 0.1-1.3mm	115/4.53

▶ PM-763 Diagonal Cutters Tapered And Relieved Head



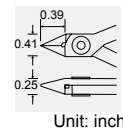
Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55'±3'	55'±3'	Ø 0.1-1.3mm	115/4.53

▶ PM-764 Diagonal Cutters Tapered Head



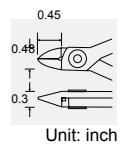
Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55'±3'	55'±3'	Ø 0.1-1.3mm	115/4.53

▶ PM-765 Diagonal Cutters Tapered Head



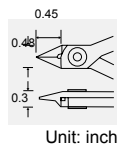
Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55'±3'	55'±3'	Ø 0.2-1.3mm	115/4.53

▶ PM-771 Diagonal Cutters Oval Head



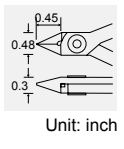
Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55'±3'	55'±3'	Ø 0.1-1.3mm	115/4.53

▶ PM-773 Diagonal Cutters Tapered And Relieved Head



Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55'±3'	55'±3'	Ø 0.1-1.3mm	115/4.53

▶ PM-774 Diagonal Cutters Tapered Head



Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
65 CRM	55'±3'	55'±3'	Ø 0.1-1.3mm	115/4.53

Precision Pliers with Adjustable Screw

- Adjustable screw insures precise cuts every time.
- Made of high-quality 63CRM material, precise and durable
- Ergonomic, non-slip handle with dual colors ensures great operator comfort
- Leaf spring, energy saving design for efficient work



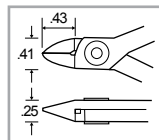
Smooth surface is cut
(By PM-721/PM-723)



Adjustable screw
(By PM-720/PM-721/PM-723)

Individual packing: Blister Card

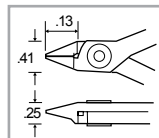
▶ PM-721 Diagonal Flush Cutting Nipper



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
63CRM	55±3°	Ø 1.3mm/16AWG	115/4.5

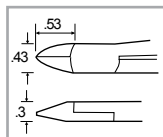
▶ PM-723 Diagonal Flush Cutting Nipper



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
63CRM	55±3°	Ø 1.3mm/16AWG	115/4.5

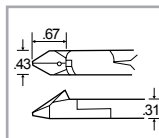
▶ PM-727 Cutting Plier



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
SAE 6050	40±3°	Ø 1.3mm/16AWG	130/5.1

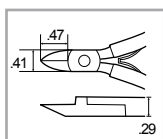
▶ PM-728 Cutting Plier



Unit: inch

Material	HRC	Application	OAL. (mm/inch)
	Body	Copper	
SAE 6050	40±3°	Ø 1.3mm/16AWG	130/5.1

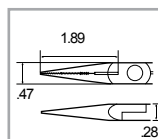
▶ 902-078 4 1/2" Precision Cutting Plier



Unit: inch

Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge	Copper	
AISI 6140	45±3°	61±3°	Ø 2.0mm/12AWG	120/4.7

▶ 902-079 5" Extra Long Nose Plier



Unit: inch

Material	HRC		Application		OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Copper	
AISI 6140	45±3°	61±3°	Ø 0.8mm/20AWG	Ø 2.0mm	155/6.1

ESD Safe Pliers and Cutters

- Made of high-quality carbon steel with nickel plating
- ESD safe, soft touch cushioned handle provides a secure hold and comfort.
- With double leaf springs for self-opening action
- Individual packing: Blister card



PK-ST902 4 PCS Ergonomic ESD Safe Plier And Cutter Kit



Contents	
PM-055CN /PM-023CN/PM-037CN/PM-036CN	

PM-036CN 5" Snipe Nose Plier

Material	HRC		Application			OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Soft steel	Copper	
S45C	43'±2'	52'±2'	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	127/5.0

Unit: inch

PM-029CN 5" Round Nose Plier

Material	HRC: Body		OAL. (mm/inch)
	S45C	43'±2'	

Unit: inch

PM-055CN 5" Bent Nose Plier

Material	HRC: Body		OAL. (mm/inch)
	S45C	43'±2'	

Unit: inch

PM-023CN 4 1/2" Pointed Diagonal Plier

Cutting edge: HRC52'±2'

Material: Carbon steel with Nickel Plating, Body: HRC 43'±2'

 Leaf spring

ESD safe cushioned grips for superior comfort and protection 10⁷~10⁹Ω

Unit: inch

Material	Body	HRC Cutting edge	Application			OAL. (mm/inch)
			Hard steel	Soft steel	Copper	
S45C	43'±2'	52'±2'	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	115/4.5

PM-037CN 4 1/2" Diagonal Cutting Plier

Material	HRC		Application			OAL. (mm/inch)
	Body	Cutting edge	Hard steel	Soft steel	Copper	
S45C	43'±2'	52'±2'	Ø 0.8mm 20AWG	Ø 1.3mm 16AWG	Ø 1.6mm 14AWG	115/4.5

Unit: inch

PM-046CN 6" Needle Nose Plier

Material	HRC: Body		OAL. (mm/inch)
	S45C	43'±2'	

Unit: inch

PM-053CN 5" Flat Nose Plier

Material	HRC: Body		OAL. (mm/inch)
	S45C	43'±2'	

Unit: inch

ELECTRICAL PLIERS & CUTTERS



Electrical Insulated Tools

Pro'sKit® Insulated VDE Series come with high visibility molded ergonomic cushion handles for maximum comfort to ensure full force transfer through the grip. They also have been tested for dielectric strength under 10,000 Volts in a water bath in accordance with DIN EN 60900 (IEC 60900:2012) to encourage the users to trust a reliable insulation when live working up to 1000 Volt.

VDE tools are often used under extreme conditions, such as very low or very high temperature. Pro'sKit Insulation VDE Series are made from high grade materials, which have been tested by low-temperature impact test, high-temperature adhesive power test and burning test to offer more safety to users.



1000V
IEC 60900



Safety Caution



- Please keep your insulated tools dry and clean.
- Wear protective goggles and gloves when working.
- Do not touch the non-insulated parts when working live.

Testing Procedure



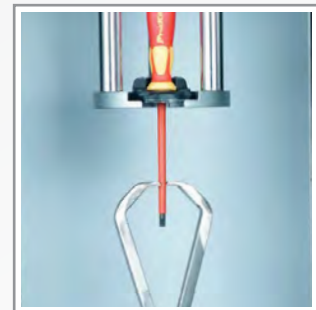
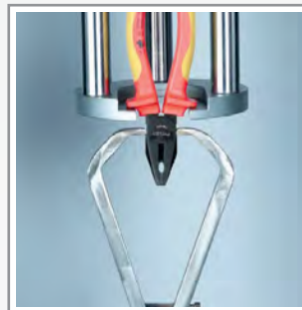
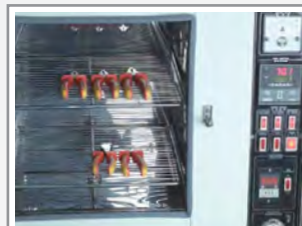
Dielectric Strength Test

Individual immersion test at 10,000 Volt to guarantee safety working up to 1000 Volt.



Low-temperature Impact Test

Cool the tools to -40°C then conduct the impact test. The insulation must retain its toughness and not break.



High-temperature Adhesive Power Test

After storage for 168 hours at 70°C, pull the insulated part with tensile force of 500Nm for 3 minutes. This test ensures that the insulation still stays firm and remain snug against the tool body.



Burning Behavior Test

Pro'sKit® insulated tools use flame-resistant plastics for insulation to protect users.

▶ 902-202 Insulated Wire Stripping Plier



Material	HRC	Application		OAL. (mm/inch)
	Body	Hard steel	Soft steel	
AISI 6150	46 \pm 4*	Adjustable to accept conductors up to 10mm ² /8AWG overall diameter		160/6.3

▶ 902-206 Insulated Side Cutter



Material	HRC	Application		OAL. (mm/inch)
	Body	Hard steel	Soft steel	
AISI 6150	46 \pm 4*	Ø2.0mm/12AWG	Ø2.8mm/10AWG	165/6.5

▶ 902-205 Insulated Heavy Duty Side Cutter



Material	HRC	Application		OAL. (mm/inch)
	Body	Hard steel	Soft steel	
AISI 6150	46 \pm 4*	Ø2.7mm/10AWG	Ø3.8mm/8AWG	200/7.9

▶ 902-207 Insulated Long Nose Plier



Material	HRC	Application		OAL. (mm/inch)
	Body	Hard steel	Soft steel	
AISI 6150	46 \pm 4*	Ø2.2mm/12AWG	Ø3.2mm/8AWG	200/7.9

▶ 902-208 Insulated Long Nose Plier



Material	HRC	Application		OAL. (mm/inch)
	Body	Hard steel	Soft steel	
AISI 6150	46 \pm 4*	Ø1.6mm/14AWG	Ø2.5mm/10AWG	170/6.7

Insulated VDE Pliers



- Certified to IEC 60900, VDE, and DIN 1,000V safety standards and bear GS sign.
- High visibility molded ergonomic cushion handle for maximum comfort.
- Hard chrome finish with PTFE coating for anti-rust protection.
- Drop forged from special tool steel.



Adjusting Screw

Hard chrome finish with PTFE coating

Wire Spring

Heavy Insulated & Ergonomic Cushion Handles

Individual packing: Blister Card

▶ 902-203 Insulated Combination Plier



Material	HRC	Application		OAL. (mm/inch)
	Body	Hard steel	Soft steel	
AISI 6150	46 \pm 4*	Ø2.5mm/10AWG	Ø3.8mm/8AWG	195/7.7

▶ 902-204 Insulated Combination Plier



Material	HRC	Application		OAL. (mm/inch)
	Body	Hard steel	Soft steel	
AISI 6150	46 \pm 4*	Ø2.0mm/12AWG	Ø3.1mm/8AWG	175/6.9

▶ 902-514 8" Diagonal Cutter

- Closed box joint construction ensures smooth action and no handle wobble
- Body corrosion resistant finish and hardened cutting edge for long life
- Nonslip handle for comfort and ease of identification.

NEW



Material	HRC		Application			OAL. (mm/inch)	Individual packing
	Body	Cutting edge	Hard steel	Soft steel	Copper		
AISI 6150	45°±3°	62°±2°	20AWG	16AWG	14AWG	210/8	Blister Card

▶ 902-515 8" Long-Nosed Plier

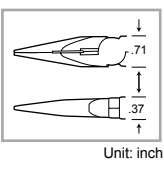
- Made of hardened steel for great durability
- Cutting edges are precision ground and hardened for long life
- Forged box joint construction gives strength and precision

NEW



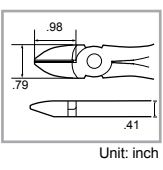
Material	HRC		Application			OAL. (mm/inch)	Individual packing
	Body	Cutting edge	Hard steel	Soft steel	Copper		
AISI 6150	45°±3°	62°±2°	20AWG	16AWG	14AWG	210/8	Blister Card

▶ 100-021 Long Nose Plier



Material	HRC		Application			OAL. (mm/inch)
	Body	Hard steel	Soft steel	Copper		
S60C	48°±3°	Ø1.2mm 16AWG	Ø 2.0mm 12AWG	Ø2.6mm 10AWG	160/6.3	

▶ 200-038 6" Diagonal Cutter

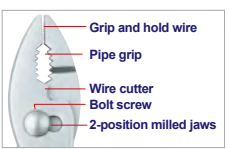
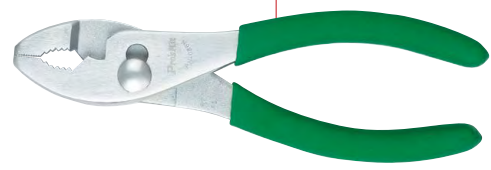


Material	HRC		Application			OAL. (mm/inch)
	Body	Hard steel	Soft steel	Copper		
S60C	48°±3°	Ø1.2mm 16AWG	Ø 2.0mm 12AWG	Ø2.6mm 10AWG	160/6.3	

▶ 100-033 6" Slip-Joint Plier

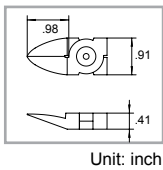


Plastic coated handle Non-slip



Material	HRC		Handle	OAL. (mm/inch)
	Body	Body		
S45C	38°±3°		PVC	154/6.1

▶ 902-049 Plastic Cutting Plier



Material	HRC		Application	OAL. (mm/inch)
	Body	Cutting edge		
S55C	45°±3°	55°±3°	plastic	185/7.3

⚠ This series of pliers are made for plastic cutting only

▶ PM-924 9" Steel Wire Cutting Crimping Plier



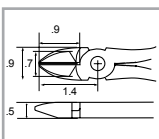
Material		HRC		Application	OAL (mm/inch)
Body	Handle	Body	Cutting edge		
SCM440	TPR	45 ±3°	61 ±3°	For cutting round cable up to Ø 9.2mm (Ø3/8") and crimping non-insulated terminals with wire 1.25/2.0/5.5/8mm ² /AWG22-16/16-14/12-10/8	225/8.9

▶ 902-307 9.5" Lineman's Plier



Material	HRC		Application			OAL (mm/inch)
	Body	Handle	Hard steel	Soft steel	Copper	
Cr-V	45 ±3°		Piano wire: Ø2.5mm 10AWG	Ø 3.0mm 8AWG		238/9.5

▶ 902-246 8" Diagonal Cutter



Unit: inch

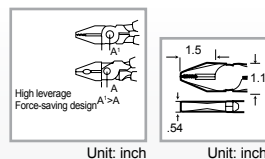
Material	HRC Body	Cutting edge	Application			OAL (mm/inch)
			Hard steel	Soft steel	Copper	
S55C	40°~50°	55°±3°	Ø0.8mm 20AWG	Ø 2.0mm 12AWG	Ø2.6mm 10AWG	200/7.9

Steel Wire Cutting Crimping Plier

- Made of high quality SCM440 hot-riveted design features smooth, wobble-free operation.
- The high-leverage design provides greater cutting and gripping power
- Special design for cutting round cable with multi-conductor up to Ø3/8"

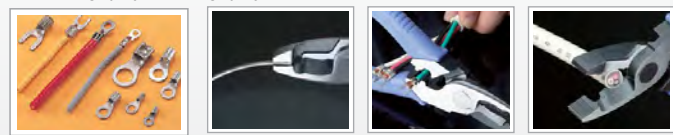


PM-924



Unit: inch

Unit: inch



Serrated jaw for gripping

Crimping non-insulated terminals

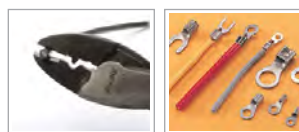
Cutting up to Ø3/8"

Individual packing: Blister Card

▶ 100-039 Multi-Crimp Tool



- Wire cutter in nose
- Plastic-coated handle
- For crimping non-insulated terminals from 10 to 22 AWG



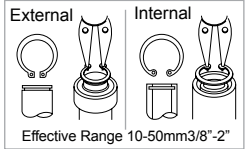
Material	Handle	HRC Body	Application		OAL (mm/inch)
			Hard steel	Crimping	
S60C	PVC	42 ±3°	Ø1.6mm 14AWG	Non-insulated terminal 10 ~ 22 AWG	248/9.8

Individual packing: Blister Card

100-022 Snap Ring Plier Set



- 3 convertible tip jaws can be changed easily for 6 different internal-external purposes



Material	Handle	HRC Body	Application Hard steel	OAL. (mm/inch)
S45C	PVC	43±3°	Effective range: 10-50mm (3/8"-2")	155/6.1

Individual packing: Blister Card

300-151 Strain Relief Bushing Assembly Tool



- Designed to install all sizes of strain relief bushing
- Close lock and return spring function



Material	Handle	Hardness Body	Application	OAL. (mm/inch)
Low carbon steel	PVC	HR30N58°	Thickness: 3mm/1/8"	170/6.7

Individual packing: Blister Card

200-046 Round Cable Cutter



- Made of S45C carbon steel
- Safety lock for easy storage
- For cutting Thick wire up to 2/0 (70mm²/00AWG) cable, 100 pair group telephone cable size



Material	Handle	HRC Body	Application	OAL. (mm/inch)
S45C	PVC	45±3°	16mm ² solid/4AWG, 35mm ² stranded/2AWG, 70mm ² flexible/00AWG	170/6.7

Individual packing: Blister Card

SR-228 Copper Clad Steel Coaxial Cable Cutter



- Body made of high quality S45C with black oxide finish for anti-rust.
- Palm-fit ergonomic cushion grip handle provides user comfort.
- Adjustable screw and nut ensures proper fix and durability
- Safety lock for easy storage



For cutting steel center conductor and keeping cable round

200-015 6 1/2" Round Cable Cutter



- Made of S45C carbon steel
- Safety lock for easy storage
- For cutting Multi-conductor cable up to 0.5" (12.7mm) and Strand wire up to 8 AWG (10mm²)



Cutting round cable



Spring



Safety lock



902-344 Economy Grade Cable Cutter



- Rounded blades help keep cable round when it is cut.
- Safety lock for easy storage.
- Built-in return spring and non-slip PVC handles for user comfort.
- Frame made of stamped, hardened carbon steel with curved cutting blade.



Built in return spring, locking latch

Frame made of stamped, hardened carbon steel with curved cutting blade

Soft non-slip PVC handle for a comfortable grip

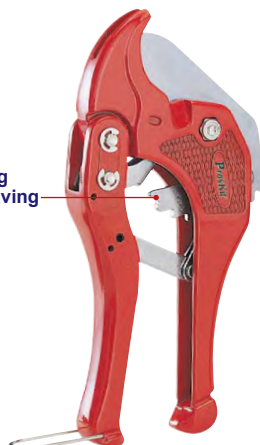
Model No.	Material	HRC Body	Handle	Application	OAL. (mm/inch)
				Copper cable	
SR-228	S45C	50±2°	PVC	RG-6, RG-58, RG-59 copper clad steel coaxial cable max. 16mm ²	159/6.3
200-015		45±3°	PVC	38mm ² flexible/3AWG	165/6.5
902-344	Carbon steel	45±3°	PVC	Multi-conductor cable up to 0.5"(12.7mm) and stranded wire up to 8AWG(10mm ²)	163/6.4

Individual packing: Blister Card

▶ **200-039 Plastic Pipe Cutter**



Ratcheting force-saving design



▶ **SR-008 PVC Pipe Cutter (Economy type)**

• Ideal for cutting PVC, Aluminum or plastic pipes

BEST Value
Competitive price to market



▶ **200-063 Wire Rope and Armored Cable Cutter**



• Special cutting action for cutting wire strand cable armour, electric cable, metal wire and rods.
• Distortion free cut
• Spring loaded handle



Model No.	Material		HRC	Handle	Application	Replacement blade	OAL. (mm/inch)
	Body	Blade					
200-039	Aluminum alloy	SK5	-	PVC	Ø6-42mm/1/4"-5/8" OD. plastic pipes	200-045	195/7.7
SR-008	Aluminum alloy	3Cr13	53±3	PVC	Product characteristics: cuts PVC, Aluminum or plastic pipes. Scope of cut: rigid plastic pipes to a maximum diameter of 26mm	-	210/8.3
200-063	S55C+PVC	SK5	55±3	PVC	Cutting: Ø4mm/6AWG (Copper), Wire rope: Ø1.5mm/14AWG spring wire	-	190/7.5

Individual packing: Blister Card

▶ **200-068/200-013/200-069 Forged Cable Cutter**



• This heavy duty cable cutter has high-leverage jaw. with shear-cut blades.
• Do not cut steel or ACSR.
• Plastic coated handle.



Cuts up to 70mm²/00AWG aluminum and copper cables (200-069)

200-068



200-013



200-069



Model No.	Material	HRC		Handle	Application		OAL. (mm/inch)
		Body	Cutting edge		Copper cable	Aluminum cable	
		200-068	SCM 440		45±3	60±5	
200-013	SCM 440	45±3	60±5	PVC	38mm ² flexible/3AWG	38mm ² stranded/3AWG	210/8.3
200-069	S45C	45±3	60±5	PVC	16mm ² solid/4AWG, 35mm ² stranded/2AWG, 70mm ² flexible/00AWG	70mm ² stranded/00AWG	235/9.3

Individual packing: Blister Card

SR-538 Ratchet Cable Cutter 750MCM



INDUSTRIAL GRADE

Material: SAE4340
Cutting edge: HRC 46 \pm 2°

Ratchet release trigger

Handle lock

Material: S45C

Material: PP



Cutting cables up to 750MCM (300mm²)

Application	Replacement blade	OAL. (mm/inch)
750MCM(300mm ²) Copper and Aluminum cable	902-258 (Moving blade) 902-259 (Fixed blade)	335/13.2

⚠ Not designed for cutting steel or ACSR Individual packing: Inner box+ color label

200-006 Ratchet Cable Cutter 500MCM



- Cut Ø32mm(1-1/4") and smaller hard-drawn copper and aluminum cables.
- Case hardened blades improve performance and cutting life.
- Unique ratchet design ensures a non-slip cut, and increases cutting power on tough jobs.
- Cut up to 350 MCM copper 500 MCM Al-jacketed S.O. cord up to Ø1-1/4" (Ø32mm) dia or up to 200 Pair Communication cable.



Material		Hardness		Handle	Application	Replacement blade	OAL. (mm/inch)
Body	Blade	Body	Cutting edge				
Low carbon steel	SAE 4340	HR 30N 55~70	HRC 45 \pm 3°	PVC	Ø32mm copper & Aluminum cable	200-034 (Moving blade) 200-035 (Fixed blade)	254/10

⚠ Not designed for cutting steel or ACSR Individual packing: Blister Card

200-043 24" Heavy Duty Cable Cutter

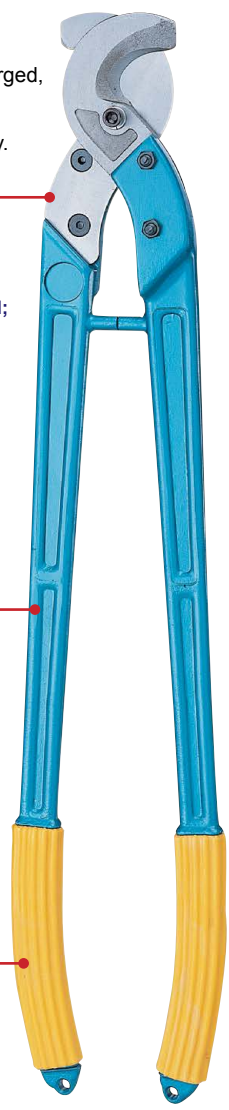


- SCM4 Chrome-Vanadium-Steel forged, efficient and secure in operation.
- Alloy-Aluminum handle, treated by T6 heat, strong durable and handy.

SCM4 Chromium-Molybdenum steel; efficient and secure in operation

Aluminum handles with non-fracture character

Soft rubber sleeves handle



Model No.	Material	HRC	Application	OAL. (mm/inch)	Individual packing
200-043	Blade: SCM4	Blade: 52 \pm 2°	Copper cable: DIN 250mm ² /500MCM	600/23.6	Inner box + Color label

902-062 Ratchet Cable Cutter

Material:SAE 4340
Cutting edge: HRC 45 \pm 3°

- Cutter for cutting for cable up to 750MCM
- Quick release knob for easy blade back out
- Handle locks for convenient tool storage
- For copper and Aluminum Cables only not for cutting Steel
- OAL: 210mm/8.3"

S45C

PP Handle

Replacement blades	
902-258	902-259

Individual packing: Inner box + Color label



KNIVES, SCISSORS & SAWS



▶ 902-318 Utility Knife

- Body is made of durable heavy duty aluminum alloy, corrosion.
- Single screw design for easy blade change.
- Retractable blade with 3 adjustable positions of locking mechanism to prevent injuries.
- Handle with loop design for comfortable use and easy hanging.



Replacement blade:
902-261(100pcs/pack)



Handle	Blade	OAL.(mm/inch)	Individual packing
Aluminum Alloy	#60 Carbon Steel	155/6.1	Blister card

▶ 902-319 Electrician's Knife

- High quality stainless steel blade construction for extra strength and durability
- Both a heavy duty knife for cutting cable easily and for stripping wires encased in a durable composition handle
- Flathead screwdriver blade with self-locking system for safety.
- Rugged bail hangs onto belt clasp for convenient carrying
- Black composition handle with brass liners, non-slip



Handle	Blade	OAL.(mm/inch)	Individual packing
Steel and Nylon	40Cr	95/3.6	Blister card

▶ 902-317 Carton Cutter

- All metal made cutter and cover for safe usage, equipped with standard replaceable single-side razor blade
- Reverses to become a scraper
- Lightweight and compact design with easy blade change
- Excellent cutter for cutting corrugated, paper, films, acetates, cardboard, and more



Carton cutter



Scraper



Handle	Blade	OAL.(mm/inch)	Individual packing
Stainless Steel	#60 Carbon Steel	101/4	Blister card

▶ DK-2112 Auto Loading Utility Knife



Blade storage compartment

- Comfortable ergonomic shaped handle with non-slip TPR grip
- Automatic blade reload for effortless and quick blade changes
- Convenient blade storage compartment holds up to 6pcs blades (blades included)
- Perfect for cutting carpet, cardboard, upholstery, sheetrock and more.
- 10mm < carpet plastic cardboard PVC leather



Handle	Blade	Replacement blade	OAL. (mm/inch)	Individual packing
Zinc Alloy+TPR	SK5	902-261(100pcs/pack)	165/6.5	Blister card

▶ PD-998 Electrician's Knife



- High quality stainless steel, large curved hawk bill blade offer durability and artistic appearance
- Ideal for heavy-duty line work

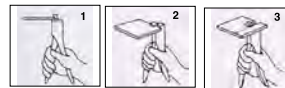


PVC, PE cable stripping



Handle	Blade	OAL. (mm/inch)	Individual packing
ABS	3Cr13	110/4.3	Blister card

▶ 900-215 Nibbling Tool



Material to be nibbled shall be placed in the gap between the punch and blade channel.



By squeezing the handle together, the punch will move down into the channel to cut out a slug of metal.



A scribe line can be followed by looking down on work in this position. A slot is cut by making successive cuts.



To make a sharp 90 degrees turn, pull the foot out of the slot. Turn the work 90 degrees and insert the tool again.



By turning the tool before each cut, a minimum radius can be cut.



Almost any size or shape hole can be cut by starting with a 3/8(9.5mm) hole.



Material	HRC	Application	OAL. (mm/inch)	Individual packing
	Body			
Body:FCD45 Blade:S45C	45±3°	Cut up to 18AWG soft steel, 1/16" copper, Al and Plastic	184/7.2	Blister card

PD-395A 30PC Deluxe Hobby Knife Kit



Contents
3pcs TPR+PP dual color non-slip handles
19pcs SK5 carving blades (3pcs in handle)
2pcs awl blades
4pcs shovel blades
1pcs tweezers
1pcs grind stone
Dual color TPR+PP case (8"x5.2"x1.77")

Individual packing: Blister Card



Precision Knife

• Surgically sharp knives with high-impact plastic safety cap.



900-112 Ø8mm



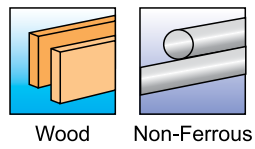
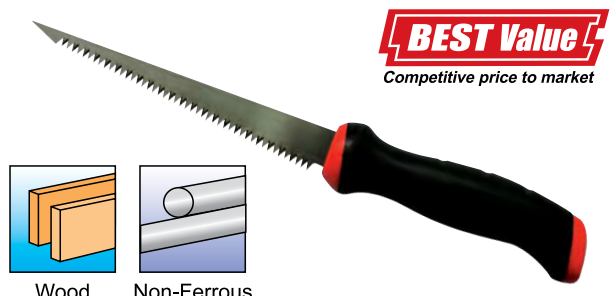
900-113 Ø11mm



900-112B (10pcs/pack) **900-113B** (10pcs/pack)

Model No.	Handle	Blade	Replacement blade	OAL. (mm/inch)	Individual packing
900-112	Aluminum	SK-5	900-112B(10pcs/pack)	145/5.7	Blister card
900-113			900-113B(10pcs/pack)	150/5.9	

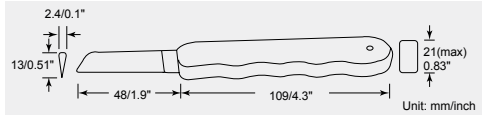
902-189 Jab Saw



Material		Application	OAL. (mm/inch)	Individual packing
Handle	Blade			
ABS+TPR	65Mn	Wood, plastic and drywall	314/12.5	Blister card

900-135 Cable Splicing Knife

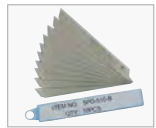
- Short blade for strength
- Stainless-steel blade for durability and longer lasting blade edge
- Soft, easy-to-grip handle



Handle	Blade	OAL. (mm/inch)	Individual packing
TPR	AISI 420	160/6.3	Blister card

900-257 Quick Point Snap-Blade Knife

- Includes 2 pcs blade inside
- Locking slide



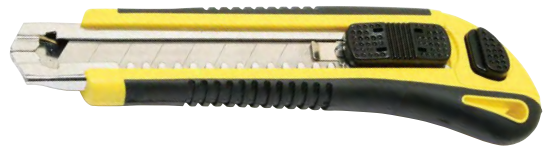
900-257B (10Pcs/Pack)

Economy Grade

Handle	Blade	Replacement blade	OAL. (mm/inch)	Individual packing
ABS	SK-5	900-257B (10Pcs/Pack)	140/5.5	Blister card

900-169 Utility Knife

- All blades are made of high carbon tool steel SK-4
- Blade in thickness: 0.5mm
- includes 3 pcs blade inside



900-169B (6Pcs/Pack)

Handle	Blade	Replacement blade	OAL. (mm/inch)	Individual packing
ABS+TPR	SK-4	900-169B(6Pcs/Pack)	170/6.7	Blister card

902-230 7 in 1 Multi-Function Pocket Tool Key Chain

- LED light



LED light



Be careful: a sharp blade can cut!

Material	HRC		Application	OAL. (mm/inch)	Individual packing
	Body	Blade			
2Cr13	48±3°		Serrated Saw, Opener & Slotted Screwdriver, Phillips Screwdriver, Fruit Knife, Mini LED Flashlight	67x32/2.6x1.3	Blister card

▶ **902-083/902-084 All Purpose Snip**



- Cut cable, wire, cloth, carpet, leather, cardboard tin plate, branch, foam rubber and so on.
- Heavy-duty stainless steel blade.
- Dual-color, non-slip handle.



902-083



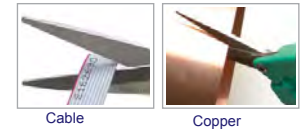
902-084

Model No.	Material	Handle	Application	OAL. (mm/inch)	Individual packing
902-083	AISI 420	P.P+ T.P.R	Cardboard, PVC Leather, Rubber: thickness < 5mm. Aluminum sheet, Copper sheet: thickness <1mm Steel sheet: thickness < 0.5mm Cable, PVC water pipe, plastic tube up to Ø10mm	165/6.5	Blister card
902-084					

▶ **902-082 All Purpose Snip**



- Ideal for cutting cable, leather, card-board, foam rubber and more.
- Non-slip handle, stainless steel blade and safety lock



Material	Handle	Application	OAL. (mm/inch)	Individual packing
AISI 410	P.P+ T.P.R	Cardboard, PVC Leather, Rubber: thickness < 3mm. Aluminum sheet, Copper sheet: thickness <1mm PVC, PET, plastic: thickness <0.2mm Fixable flat cable: thickness <0.3mm	165/6.5	Blister card

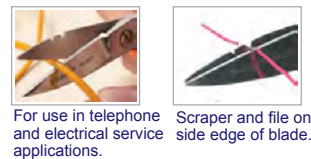
▶ **100-035 Fiber Optic Kevlar Cutter**



For cutting Kevlar fiber optic cable Micro serrated

Material	Handle	OAL. (mm/inch)	Individual packing
High carbon alloy steel	TPR	160/6.3	Blister card

▶ **100-049 Electrician's Scissor**



For use in telephone and electrical service applications. Scraper and file on side edge of blade.

Material	Handle	Application	OAL. (mm/inch)	Individual packing
AISI 420	Nylon+ Fiber	Stripping from AWG 18 and 22 wire Cutting up to AWG 16 solid wire and AWG 12 stranded wire	145/5.7	Blister card

▶ **SR-333 Micro Scissor**



- Made of stainless steel to resist rust and corrosion.
- Dual color handle provides user comfort
- Return spring offers more smooth operation



Material	Handle	Application	OAL. (mm/inch)	Individual packing
AISI 420	ABS+ TPE	Cooper, IC, component pin: thickness < 0.3mm. PVC, PET, plastic: thickness <0.2mm Fixable flat cable: thickness <0.3mm	120/4.7	Blister card

CRIMPERS




















All parts of **Pro'sKit** crimping tools are made of special steel, oil-hardened and tempered. They come with ergonomically designed handles and lever action features the optimum transmission of force for fatigue-reduced operation, and high crimping quality due to precision dies and integral ratcheting mechanism.

Pro'sKit crimping tools use interchangeable die sets to crimp a wide variety of different connectors for twisted pair & flat phone cable, fiber optic cable, coaxial cable, electrical and Industrial wire...etc.

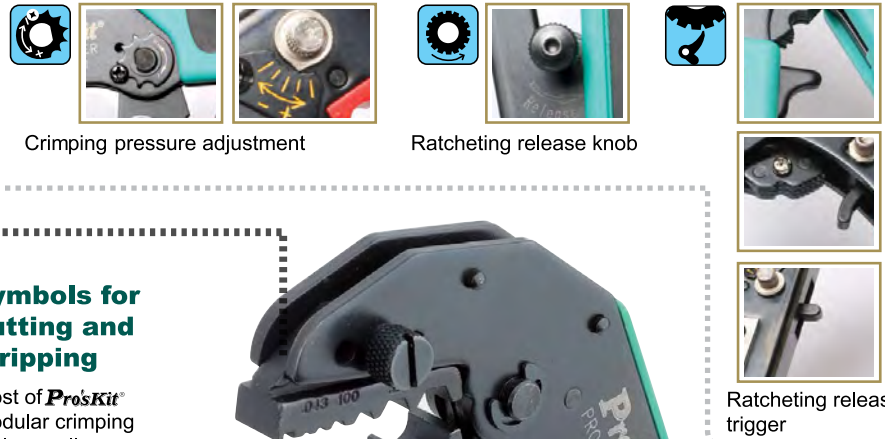
Symbols for Crimp die profiles

The **Pro'sKit** crimping dies are made from high precision lost-wax casting technology, providing the high accuracy and long service life!

-  4 pin(RJ22) telephone handset plugs
-  6 pin(RJ11/RJ12) telephone plugs
-  8 pin(RJ45) modular plugs
-  10 pin(RJ50) modular plugs
-  Telecom splice connectors
-  Pin terminal, insulated & non-insulated ferrules
-  Insulated & non-insulated wire ferrules
-  Non-insulated terminals & lugs
-  Open barrel, non-insulated terminals & lugs
-  D-Sub terminal & Non-Insulated Open Barrel Connectors
-  Insulated terminals, Insulated & Uninsulated Flag
-  Insulated terminals
-  RS-232 D-sub round barrel contact pins or sockets
-  Insulated & non-insulated wire ferrules
-  Hex type coaxial connectors & fiber optics connectors
-  Oval type coaxial connectors & fiber optics connectors
-  Square type coaxial connectors center contact pins




Symbols for ratcheting mechanism

Pro'sKit ratcheting crimping tools usually combine crimping pressure adjustment and ratcheting release trigger. The different models have different ratcheting mechanism designs.



Symbols for cutting and stripping

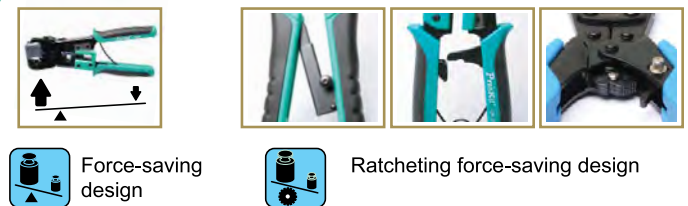
Most of **Pro'sKit** modular crimping tools usually feature cutting and stripping functions

-  Cutting wires
-  Stripping flat telephone cables
-  Stripping twisted pair round cables



Symbols for force-saving design

Pro'sKit new design of crimping tools designed with lever action, features optimum transmission of force for fatigue-reduced operation and comes with the ratcheting mechanism which helps to ensure the crimping quality. This design requires less force than general hand tools.



CP-3005F Quick Interchange Ratcheting Crimper Frame



Quick Die Change
without tools



Interchangeable die with quick release trigger

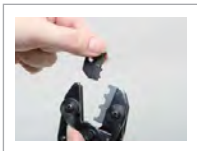
Material: AISI 4140
HRC43'±2'
(Die not included)

Material: S50C
HRC: 45'±3'

Crimping pressure adjustment

Elastomeric resin, double TPR structure.

Ratching release trigger



Special quick release trigger design for easy die changes without extra tools

Material		HRC	OAL (mm/inch)	Individual packing
Body	Handle	Body		
S50C	TPR	45'±3'	226/9.3	Blister card

902-085 CrimPro Crimp Frame



30% force saving
Lever action design



Crimping pressure adjustment wheel

Ratcheting release trigger

Change Dies with thumbscrews.

Elastomeric resin, double structure. non-slip.



Replacement Die Screw 300-056

- Right angled head design prevents awkward wrist bending during operation
- Interchangeable die with thumbscrew

Material		HRC	Replacement Die Screw	OAL (mm/inch)	Individual packing
Body	Handle	Body			
S45C	TPR	45'±3'	300-056	236/9.3	Blister card

We provide a variety of optional dies to meet the most applications, please contact our sales department to discuss custom needs.
All dies on pages 55-57 fit these frame

▶ 300-096 Ergo-Lunar Crimp Frame



50% force saving
Lever action design



Replacement Die Screw
300-056

- 40%~50% lower crimping force
- Interchangeable die with thumbscrew

Material		HRC	Replacement Die Screw	OAL (mm/inch)	Individual packing
Body	Handle	Body			
S45C	PP	45°±3°	300-056	260/10.2	Blister card

▶ 300-054 Lunar Crimp Frame



Compact size
for easy operation



Replacement Die Screw
300-056

Material		HRC	Replacement Die Screw	OAL (mm/inch)	Individual packing
Body	Handle	Body			
S45C	PP+TPR	45°±3°	300-056	220/8.6	Blister card

We provide a variety of optional dies to meet the most applications, please contact our sales department to discuss custom needs.
All dies on pages 55-57 fit these frame



**300-096
Ergo-Lunar
Crimp Frame**



**300-054
Lunar
Crimp Frame**



**902-085
CrimpPro Crimp
Frame**



**CP-3005F
Quick Interchange
Ratcheting Crimper
Frame**

Note: CP-3005F sold as frame only, but all dies on this page fit it

DIE Set	Crimp die profile	Application	Crimp Size	Terminals	Description	Model No.
Coaxial Connectors						
		RG8/11/174/179/213	HEX: .100"/.128"/.429" HEX:254,3.25,10.90mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	902-536 902-537 902-538 902-518
		Amphenol and General RG58, RG59, RG62, BNC/TNC, F-Type, LMR-240	SQ .052", HEX.068", .100", .213", .255" SQ1.32, HEX1.73, 2.54, 5.41, 6.48mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	902-277 902-278 902-279 902-201
		HDTV, SMA, True 75-ohm BNC/TNC & mini-UHF, RG174, RG59/62, mini-coaxial & Belden 1855A	SQ .042", HEX.068", .178", .197", .255" SQ 1.07mm, HEX1.73, 4.52, 5.00, 6.48mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	902-187 902-188 902-189 1PK-3003D34
		RG58, 59 and 62 AU, BNC and TNC 3-piece connectors	HEX.068", .213", .256" HEX1.73, 5.41, 6.5mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-019 300-109 902-143 300-045
		HDTV BNC/TNC 3-piece coaxial connectors	SQ .042", HEX.178", .275" SQ 1.07mm, HEX4.52, 6.99mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-184 300-185 300-186 1PK-3003D33
		HDTV true 75-ohm BNC/TNC coaxial connectors: Belden 1855A, 1865A, 1505A, 1505F, 1694A, 1694F	HEX .041", .068", .178", .255", .278" SQ1.04, HEX1.73, 4.52, 6.48, 7.06mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-158 300-159 902-171 300-157
		HDTV BNC/TNC 3-piece coaxial connectors	SQ .042", Hex. 197", .278" SQ1.07mm, HEX 5.00, 7.06mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-193 300-194 300-195 1PK-3003D30
		HDTV BNC/TNC true 75-ohm coaxial connectors, RG6, Belden 1694 & 1694A	SQ.042", HEX.068", .275", .278" SQ1.07mm, HEX1.73, 6.99, 7.06mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-178 300-179 300-180 1PK-3003D31
		BNC, TNC, Mini-UHF, RG58, 141, 142, 303, 400, 59, 62, 210 Belden 8279, 8281, 9231, 9141 RG-6, 212, 222, 304	HEX.068", .098", .213", .255", .321" HEX1.73, 2.49, 5.41, 6.48, 8.15mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-003 300-119 902-137 300-038
		RG59 and Belden 8281/1694A cable groups for both 50 & 75 ohm center pins	HEX.042", .068", .255", .324" HEX1.07, 1.73, 6.48, 8.23mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-022 300-116 902-146 300-048
		HDTV true 75 ohm BNC/TNC & CATV "F" coaxial connectors, RG59, RG6, Belden 8281, 1694A & 1505A	SQ .042", .052", HEX .068", .255", .324" SQ 1.07, 1.32mm, HEX1.73, 6.48, 8.23mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-181 300-182 300-183 1PK-3003D32
		CATV "F" connectors RG-59, RG-6 and RG-6 Quad	HEX.255", .320", .350" HEX6.48, 8.13, 8.89mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-007 300-112 902-139 300-041
		RG8, RG11, RG213, RG216 BNC, TNC and N Series Connectors LMR400	HEX.80", .100", .429" HEX2.03, 2.54, 10.90mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-023 300-117 902-147 300-049
		Crimps Amphenol connectors. Coaxial - Belden 7810A, 9913, 9914, LMR 400.	HEX .429", .118" HEX10.89, 3.00mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-163 300-168 300-173 9PK-3003D29
		Combi-Die for RJ45 WE/SS Modular plugs and RG6/6Q(CATV F-Type)	RJ45 plug HEX.324", .360" HEX 8.23, 9.14mm		Lunar frame w/die Ergo-Lunar frame w/die CrimpPro frame w/die Die only	300-161 300-162 902-172 902-054



300-096
Ergo-Lunar
Crimp Frame



300-054
Lunar
Crimp Frame



902-085
CrimPro Crimp
Frame



CP-3005F
Quick Interchange
Ratcheting Crimper
Frame

Note: CP-3005F sold as frame only, but all dies on this page fit it

DIE Set	Crimp die profile	Application	Crimp Size	Terminals	Description	Model No.
Fiber Optic Connectors						
		RG174, RG179 Belden 8218, fiber optics.	SQ.042", HEX.068", .078", .128", .151", .178" SQ1.07, HEX1.73, 1.98, 3.25, 3.84, 4.52mm		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-024 300-118 902-148 300-050
		For FC, SC, ST, LC, SMA & MT-RJ fiber optics.	HEX .139", .151", .178", RD.134", .190" HEX3.53, 3.84, 4.52mm, RD3.40, 4.83mm		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-167 300-172 300-177 9CP-336DF4
		SMA, SMB, FC Biconic and SC & ST fiber optic connectors, RG58, RG174, Belden 8218	SQ.042", HEX.068", .151", .178", .213" SQ1.07, HEX1.73, 3.84, 4.52, 5.41mm		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-021 300-115 902-145 300-047
		Fiber Optic and Coaxial SMA/SMB/SFR Connectors SC/ST/FC	HEX.151", .178", .213" HEX3.84, 4.52, 5.41mm		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-106 300-143 902-167 300-102
Electrical and Industrial Terminals						
		Miniature Insulated Terminals Nylon and Vinyl	AWG26-16 DIN 0.2-1.5mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-146 300-147 902-169 300-104
		Red, Yellow, Blue Insulated terminals Nylon and Vinyl	AWG22-18/16-14/12-10 DIN 0.5-1.0/1.5-2.5/4.0-6.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-002 300-108 902-152 300-058
		Thin Style Insulated Terminals (red/yellow/blue) Nylon and Vinyl	AWG22-18/16-14/12-10 DIN 0.5-1.0/1.5-2.5/4.0-6.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-141 300-142 902-166 300-101
		Insulated Terminals	AWG22-18/16-14/12-10/8 DIN 0.5-1.0/1.5-2.5/4.0-6.0/10.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	CP-336FD27 1PK-3003FD27 CP-372FD27 9PK-3003D27
		Uninsulated Terminals	AWG20-18/16-14/12-10/8 DIN 0.5-1.0/1.5-2.5/4.0-6.0/10.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-132 300-133 902-161 300-095
		Open Barrel Contacts Molex/Tyco D-Sub, Molex, AMP Style Pin	AWG30-24/22-18 DIN 0.05-0.25/0.5-1.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-164 300-169 300-174 9PK-3003D36
		Open barrel contacts D-sub, Molex, AMP style pin	AWG20-18/16-14/12-10 DIN 0.5-1.0/1.5-2.5/4.0-6.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-005 300-120 902-138 300-039
		For Red and Blue Insulated Flag Terminals AWG 22-18, 16-14	AWG22-18/16-14 DIN 0.5-1.0/1.5-2.5mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-072 300-130 902-158 300-070
		For Yellow and Blue insulated Flag Terminals	AWG16-14/12-10 DIN 1.5-2.5/4.0-6.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	902-332 902-331 902-330 9PK-3003D42
		Uninsulated Flag Terminals	AWG22-18/16-14 DIN 0.5-1.0/1.5-2.5mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-073 300-131 902-159 300-071



**300-096
Ergo-Lunar
Crimp Frame**



**300-054
Lunar
Crimp Frame**



**902-085
CrimPro Crimp
Frame**



**CP-3005F
Quick Interchange
Ratcheting Crimper
Frame**

Note: CP-3005F sold as frame only, but all dies on this page fit it

DIE Set	Crimp die profile	Application	Crimp Size	Terminals	Description	Model No.
Electrical and Industrial Terminals						
		Wire ferrules (Insulated and Non-Insulated)	AWG22/20/18/16/14/12 DIN 0.5/0.75/1.0/1.5/2.5/ 4.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-001 300-134 902-162 300-097
		Wire Ferrules (Insulated and Non-Insulated)	AWG10/8/6 DIN 6/10/16mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-144 300-145 902-168 300-103
		Wire Ferrules (Insulated and Non-Insulated)	AWG6/4/2 DIN 16/25/35mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-077 300-160 902-160 300-077D
		Spark Plug Cable-Cut, Strip, Crimp	8-8.5mm Spark plug wires		Ergo-Lunar frame w/die CrimPro frame w/die Die only	902-275 902-276 9PK-3003D26
Solar Terminals						
		Multi-Contact (MC3)Ø3mm solar contacts	AWG14/12/10 DIN 2.5/4.0/6.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-165 300-170 300-175 CP-5S1D
		Multi-Contact (MC4)Ø4mm solar contacts	AWG14/12/10 DIN 2.5/4.0/6.0mm ²		Lunar frame w/die Ergo-Lunar frame w/die CrimPro frame w/die Die only	300-166 300-171 300-176 CP-5S2D

Solar Series Crimpers



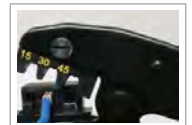
Material	OAL (mm/inch)	Individual packing
S45C	203/8.12	Blister card

DIE Set	Crimp die profile	Application	Description	Model No.
		D-Subminiature contacts, RS232 pins & sockets AWG 30-18 Open Barrel contacts (Molex/AMP style)	Completed set with die Die only Frame only	300-009 300-086 300-087
		Wire Ferrules AWG 22-10	Completed set with die Die only Frame only	300-010 300-105 300-087

902-337 PowerPole® Crimper



Phillips long screw that holds the locator in place



PowerPole® is a registered trademark of Anderson Power products

Material	Application	OAL (mm/inch)	Individual packing
S45C	PowerPole® modular connector #15(20-16 AWG/0.5-1.0mm ²) #30(16-12 AWG/1.0-2.5mm ²) #45(14-10 AWG/1.5-4.0mm ²)	260/10.2	Blister card

CP-3006F Parallel Action Crimping Tool



Features:

- **Reliable:** Parallel action crimping performance is consistent and accurate
- **Practical:** Safety crimp release helps eliminate rejected terminations due to incorrect positioning.
- **Comfortable:** Ergonomically shaped non-slip TPR handle for comfortable use in all conditions
- **Versatile:** Interchangeable die sets for wide range of applications.

Special design perfect fit for open barrel terminal and solar connectors



Material		HRC	OAL. (mm/inch)	Individual packing
Body	Handle			
S50C	TPR	45±3°	254/10	Blister card

Model No.	Replacement Die model no.	DIE Set	Crimp die profile	Application	Terminals
CP-3006F				Frame only	
CP-3006FD2	300-039			Non insulated open barrel connectors, commercial type AWG 22-18/16-14/12-10 DIN 0.5-1.0/1.5-2.5/4.0-6.0 mm ² JIS 0.35-0.9/1.25-2.0/3.5-5.5 mm ²	
CP-3006FD36	9PK-3003D36			Non-insulated open barrel connectors & D-SUB V.35 contact pins AWG 30-24/22-18 DIN 0.05-0.25/0.50-1.0 mm ² JIS 0.05-0.25/0.35-0.9 mm ²	
CP-3006FS1	CP-5S1D			For MC 3 solar connector (Multi-Contact) & 2.5/4.0/6.0 mm ² (AWG 14/12/10) solar cable AWG 14/12/10 DIN 2.5/4.0/6.0 mm ²	
CP-3006FS2	CP-5S2D			For MC 4 solar connector (Multi-Contact) & 2.5/4.0/6.0 mm ² (AWG 14/12/10) solar cable AWG 14/12/10 DIN 2.5/4.0/6.0 mm ²	

902-520 Crimper with Weatherpack Die

Special design to be used with weatherpack weathertight connectors

- **Reliable:** Parallel action crimping performance is consistent and accurate
- **Practical:** Safety crimp release helps eliminate rejected terminations due to incorrect positioning.
- **Comfortable:** Ergonomically shaped non-slip TPR handle for comfortable use in all conditions
- **Versatile:** Interchangeable die sets for wide range of applications.

NEW



902-519

Weatherpack Die

NEW

Material		HRC	OAL. (mm/inch)	Individual packing
Body	Handle			
S50C	TPR	45±3°	254/10	Blister card

Model No.	Description	Crimp die profile	Application	Terminals
902-519	Die only		Weather Pack Terminals & Seals Crimp size : AWG 14-16/18-20/22-24	
902-520	Crimper with Weatherpack Die			

PK-2061 Solar MC3 & MC4 Crimping Tool Kit



This is a complete tool kit to install MC3 & MC4 solar connectors easily and accurately.



11"x7.8"x2.8"

To open the locking device
To secure
To tighten the cable gland

Includes 2 pcs MC4 and MC4 PLUS open-end spanner and unlocking tool help you opening the locking device, securing and tightening the cable gland.

Universal solar cable stripper comes with adjustable length stop for reliable stripping of the double layer insulated cables (2.5 - 6.0 mm²)

The Parallel action crimper features consistent and accurate performance

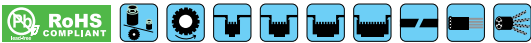
Heavy duty Forged Cable Cutter with high leverage Jaw and shear blade for clean cut without damage.

Prosoft screwdrivers for PV junction box installation

Contents:

Parallel Action Crimper frame
Die set for MC 3 solar connector (Multi-Contact) & 2.5/4/6m ² (AWG 14/12/10) solar cable.
Die set for MC 4 solar connector (Multi-Contact) & 2.5/4/6m ² (AWG 14/12/10) solar cable.
Universal solar cable stripper, for 2.5/4/6m ² (AWG 14/12/10) solar cable
Forging cable cutter (160mm), for copper cable: 25mm ² flexible
2 Pcs Open-end spanner and unlocking tool (MC4 and MC4 PLUS)
Pro-soft screwdriver 5x75mm
Pro-soft screwdriver #2 x100mm
Zipper carrying bag-280x197x70(mm)/11"x7.8"x2.8"

Professional Modular Crimps Strips & Cuts Tool



For AMP style connectors only

- For crimping modular plugs in parallel action.
- Cuts, strips, and crimps modular plugs without changing modular (DIE) set.



300-064



10P 10C, AMP 8P8C/RJ-45 only



Stripping twisted pair round cable



(Standard)

CP-376K



Model No.	Material	Handle	HRC	Application	Replacement blade	O.A.L (mm/inch)	Individual packing
300-064	S45C	Black:T.P.R Green:PP	45 ±3°	10P10C, AMP 8P8C/RJ45, 6P6C/RJ12, 6P4C/RJ11, 4P4C & 4P2C/RJ22 plugs, and DEC/Offset 6P6C plugs	-	205/8.1	Blister card
CP-376K				8P8C/RJ-45, 6P6C/RJ11, 4P4C & 4P2C/RJ22 plugs, and RJ11/6P6C DEC-Offset plugs	5PK-376K-BLADE(6pcs/pack)	205/8.1	

300-004 4P/6P/8P Telecom Crimping Tool



902-360 Ratcheted Modular Plug Crimper



Economy Grade



Model No.	Material	Handle	HRC	Application	Replacement blade	O.A.L (mm/inch)	Individual packing
300-004	S45C	Black:T.P.R Green:PP	45°±3°	8P8C/RJ45, 6P2C/6P4C/6P6C RJ11 modular plugs, RJ-22 4P2C/4P4C handset modular plugs	300-004B (6Pcs/pack)	190/7.5	Blister card
902-360	Carbon steel	PP/TPR	45°±3°	Application for 4/6/8P modular connector	-	190/7.5	Blister card

Modular Crimping Tool



CP-376M



300-063



Model No.	Material	Handle	HRC	Application	Replacement blade	O.A.L(mm/inch)	Individual packing
CP-376M	S45C	Black:T.P.R Green:PP	HV 555~650°	8P8C/RJ45, 6P2C/6P4C/6P6C RJ11 modular plugs, RJ-22 4P2C/4P4C handset modular plugs	900-078 (2pcs/pack)	225/8.9	Blister card
300-063	S45C	Black:T.P.R Green:PP	HV 555~650°	8P8C/RJ45, 6P2C/6P4C/6P6C RJ11 modular plugs	900-078 (2pcs/pack)	216/8.5	Blister card

CP-333 Modular Plug Crimping Tool



Nwe mechanism force saving

NEW



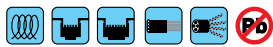
902-086 Pro-Crimper Modular Tool



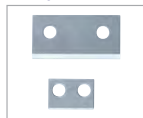
Material		Application	OAL (mm/inch)	Individual packing
Handle	Body			
PVC coated	ABS + Carbon Steel	For stripping UTP/STP cable and cutting function For crimping RJ-45 (8P8C), RJ-11/12(6P6C/6P4C/6P2C) modular plugs	143/5.6	Blister card

Material	Application	Replacement blade	O.A.L (mm/inch)	Individual packing
ABS + carbon steel	8P8C/RJ45, 6P2C/6P4C/6P6C RJ11 modular plugs, RJ-22 4P2C/4P4C handset modular plugs	300-004B (6Pcs/pack)	160/6.3	Blister card

▶ 300-018 Modular Crimping Tool

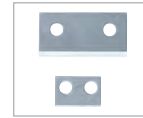


Lock for easy storage



5CP-376E-B (2pcs/pack)

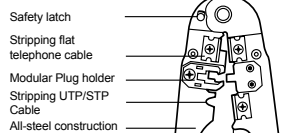
▶ 300-028 Economy All-In-One Modular Plug Crimper



200-053 (2pcs/pack)

Model No.	Material	Handle	HRC	Application	Replacement blade	O.A.L.(mm/inch)	Individual packing
300-018	Low carbon steel	PP	45°±3°	8P8C/RJ45, 6P2C/6P4C/6P6C RJ11 modular plugs	5CP-376E-B (2pcs/pack)	200/7.9	Blister card
300-028	S45C	PP	45°±3°	8P8C/RJ45, 6P2C/6P4C/6P6C RJ11, DEC/MMJ modular plugs	200-053 (2pcs/pack)	200/7.9	Blister card

▶ 300-088/300-089/300-090 Modular Crimping Tool



For 300-090

Safety Guide



300-004B (6pcs/pack)



300-088
4-pin



300-089
6-pin



300-090
8-pin

Model No.	Material	Handle	HRC	Application	Replacement blade	O.A.L. (mm/inch)	Individual packing
300-088	Low carbon steel	Black:T.P.R	45°±3°	RJ22 4P2C/4P4C handset modular plugs	900-117(6pcs/pack)	205/8.1	Blister card
300-089		Green:PP		6P2C/6P4C/6P6C RJ11/RJ12 modular plugs	900-117(6pcs/pack)	205/8.1	
300-090				8P8C RJ45 modular plugs	300-004B(6pcs/pack)	190/7.5	

▶ 100-008 Telecom Splice Crimp Tool



- Designed for UG, UR and UY connectors.
- A special stop behind cutout prevents connectors from damage.

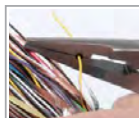


Application	Crimp Size	O.A.L. (mm/inch)	Individual packing
UR / UY / UG connectors	Solid copper wire UR:19 to 26 AWG UY:22 to 26 AWG UG:19 to 26 AWG	150/5.9	Blister card

▶ CP-148 Cutter/Stripper & Crimper



- Stripper:0.8 and 1.4mm stripping holes for AWG 24/22 &20/18/16
- Pliers:Long nose design for easy wire bending, pulling and holding
- Cutter:Steel body with black oxide finish
- Crimper:For UR/UY/UG,AMP tel splice connector,709 series connectors



Stripper



Cutter



Crimper



Plier



Thomas & Betts/
Belden 709
connectors



AMP tel splice
connectors



3M Scotchlok UR/
UY/UG tel splice
connectors



Material		HRC		OAL. (mm/inch)	Individual packing
Body	Handle	Body	Cutting edge		
S55C	PVC	46°-48°	55°-65°	168/6.6	Blister card

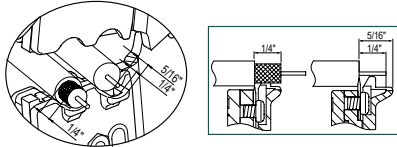
▶ CP-418 Copper Clad Steel Coaxial Cable Crimper

NEW



- All in one design-For cutting & stripping & crimping RG6 and RG59 coaxial cable.
- Strips coaxial cable-
By 2 steps for outer jacket at 1/4" & center core at 1/4" or 5/16".
- Precision stripping hole-
For removing inner dielectric insulation without damaging the center conductor.

Stripping length guide



Material		Application	OAL.(mm/inch)	Individual packing
Body	Handle			
S45C	PVC	RG6, RG59	207.5/8.5	Blister card

▶ 902-350 F-type Hex Crimper



- Made of carbon steel with black oxide finish for corrosion resistance and durability.
- Force- saving ratcheting mechanism design requires less force than general hand tools.
- Safety ratcheting release trigger helps eliminate rejected terminations due to incorrect positioning.
- Ergonomically shaped non-slip handles for user comfort.
- Interchangeable die sets for wide range of applications.

Material	Handle	Application	Crimp size	O.A.L (mm/inch)	Individual packing
Carbon steel	TPR+PP	CATV "F" connector, RG59, RG6	Hex 0.068", 0.262", 0.324", 0.36"	223/8.8	Blister card

▶ 300-092 Plier Style Economy Crimper



- For RG59/62/6 and F-connectors



Material	Handle	HRC	Application	O.A.L (mm/inch)	Individual packing
Carbon steel	PVC	45±3°	RG59/62, 6 hex type, F connector	200/8	Blister card

▶ 300-149 Crimper Wire Ferrules

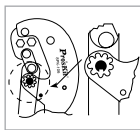


Self-Adjusting



Material	Handle	HRC	Application	O.A.L (mm/inch)	Individual packing
S45C	PP	45±3°	For Insulated and Non-Insulated Wire Ferrules and AWG20-12 wire	205/8.1	Blister card

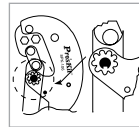
▶ 902-087 Fiber Optic Crimping Tool



Adjustable Disc



▶ 902-270 Heavy Duty Coaxial Crimping Tool



Adjustable Disc



▶ 300-074 "F" Type Crimper



Model No.	Material	Handle	HRC	Application	O.A.L(mm/inch)	Individual packing
902-087	S45C DIE: AISI 4140	PP	45±3°	SC & ST fiber optic connectors HEX .122", .133", .151", .188" HEX 3.10, 3.38, 3.84, 4.78mm	240/9.4	Blister card
902-270	S45C DIE: AISI 4140	PP	45±3°	RG58, RG59, 6, 11 & UHF-58, 8 Cables and BNC, TNC Connectors HEX: .100", .359", .406	225/9	Blister card
300-074	S45C DIE: AISI 4140	PP	46±3°	RG59, 6, 62 Cables and CATV Connectors HEX: .322", .255"	225/9	Blister card

▶ CP-316 Adjustable Compression Tool



- For crimping waterproof connector F, BNC, RCA, IEC, MINI F on RG58, RG59, RG6 coaxial cable.
- Has body scale to easily adjust plunger from 21 to 46mm.
- Comes with integrated handle lock for easy storage.
- Steel body with black oxide finish.



RCA waterproof connectors BNC waterproof connectors F waterproof connectors Mini F connectors IEC connectors

Material		Hardness of main parts	Application	OAL (mm/inch)	Individual packing
Handle	Body				
ABS	S50C	HR15N 75-79°	For crimping connector F, BNC, RCA, IEC, MINI F coaxial cables	146/5.7	Blister card

▶ 902-265 Compression Connector Crimping Tool

- Crimps RG58/59/6/6 Quad F-Compression Connectors.
- Crimps RG7/8/11 Riser F-Compression Connectors.
- Fully adjustable to fit common connector sizes.



▶ 902-348 Compression Connector Crimping Tool



- Compression tool for connecting waterproof connectors BNC, F, RCA on RG58, RG59 and RG6 coaxial cables.
- Fast and reliable solution to home theater, CATC, satellite systems and security applications.
- Comes with 2 in 1 conversion pluger for easy compression of RCA, BNC and F type connectors.



Material		Application	OAL (mm/inch)	Individual packing
Handle	HRC body			
PVC	A3 Steel	For crimping, F,RCA,BNC type compression connectors Adaptable head for different connector types	142/5.6	Blister card

▶ 300-156 Compression Connector Crimping Tool

- Universal tool for all F, BNC, and RCA connectors.
- Works on RG58/59/6/6Q and large RG7/11 Riser Cable Connectors.



Model No.	Material	Handle	HRC	Application	O.A.L (mm/inch)	Individual packing
902-265	Carbon steel + ABS	PP	40±5°	RG-58, 59, 6, 8,11 / F Connector	174/6.8	Blister card
300-156	Aluminum	PVC	45±3°	RG-58, 59, 6, 8,11 / F, BNC, RCA Connectors	170/6.7	Blister card

▶ CP-315 Adjustable Compression Tool



▶ CP-313 Adjustable Compression Crimping Tool



▶ 902-245 Compression Connector Crimping Tool



Model No.	Material	Handle	HRC	Application	O.A.L (mm/inch)	Individual packing
CP-315	Carbon steel	Nylon	40±5°	Connecting waterproof connectors F, BNC, RCA on RG-58, RG-59 and RG-6 coaxial cables	120/4.7	Blister card
902-245	Carbon Steel + ABS	PVC	40±5°	RG-58, 59, 6 / F Connector	143/5.6	Blister card
CP-313	Carbon steel	PVC	40±5°	RG-58, 59, 6 (3C, 4C, 5C), F / BNC / RCA Connectors	152/6.0	Blister card

▶ 300-091 Compression Connector Crimping Tool



- For RG-58, RG-59, RG-6 and F connectors.

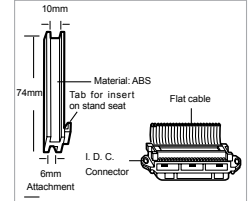


Material	Handle	HRC	Application	O.A.L (mm/inch)	Individual packing
S45C	PVC	45°±3°	RG-58, 59, 6 (3C, 4C, 5C), F Connectors	215/8.5	Blister card

▶ 300-011 IDC Crimp Tool



- For crimping IDC-type of connectors onto flat cables



Material	Handle	HRC	Application	O.A.L (mm/inch)	Individual packing
Low carbon DIE:ABS Handle:PP	PVC	45°±3°	IDC-type connectors Height: 6mm~27.5mm Width(Max): 55mm	240/9.4	Blister card

▶ 300-075 D-Sub, 2-Stage, Open Barrel Crimper



Model No.	Material	Handle	HRC	Application	O.A.L (mm/inch)	Individual packing
300-075	Carbon steel	Cushion	45°±3°	For crimping D-Sub AWG.20/24/28	175/6.9	Blister card
300-035	Carbon steel	Cushion	45°±3°	For computer pins & sockets, D-Sub 26-28 AWG wire, For butt-insulated connectors, 22-26 AWG wire, For telephone piercing spade lugs, 22-26 AWG wire, For open barrel connectors, 20-22 AWG wire, For open barrel connectors, 14-18 AWG wire, For non-insulated terminals, 10-14,16-18 and 20-22 AWG wire	185/7.3	Blister card

▶ 300-035 Multi-Purpose Crimper



▶ CP-416 Cutter/Stripper & Crimper Insulated and Non-Insulated Wire Ferrules

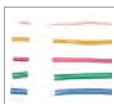


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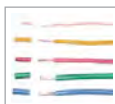
- Features:**
- All in one combination for crimping, stripping and cutting.
 - Made of high quality carbon steel with black oxide finished for anti-rust.
 - PVC cushion grip handle provides user comfort.
 - The stripper is processed by CNC lathe to ensure the accuracy.



wire ferrules crimper



Wire cutter



Wire stripper

Material	Handle	HRC	Application	O.A.L (mm/inch)	Individual packing
DIE: 4140 Frame: S45C	PVC	DIE:42°±2° Frame: 44°±2°	Crimping, Wire Ferrules 0.25~2.5 mm ² , Stripping wire AWG 26~14	200/8	Blister card

▶ 902-088 Multi-Purpose Crimping Tool



Material	Hardness	Handle	Application			O.A.L (mm/inch)	Individual packing
			Strip	Cutter	Crimp		
S45C	HRC: 45°±3°	PVC	10, 12, 14, 16, 18, 20, 22, AWG	Bolt cutter: 4-40, 5-40, 6-32, 8-32, 10-32, 10-24	Insulation & Non-insulation: 10-16, 18-22AWG	210/8.3	Blister card

▶ 300-079 Wire Ferrule Crimp Tool-Square Crimp

- DESCRIPTION: Ratcheted, AWG 28-7 wire ferrules
- APPLICATION: For crimping all wire ferrules insulated and non-insulated (AWG 28-7). Produces square crimp cross section.
- PACKAGING: Blister Card



NEW **PROFESSIONAL**

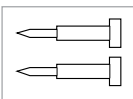
Material		Application	O.A.L. (inch)	Individual packing
Body	Handle			
58CrV4 Steel	TPR	For crimping all wire ferrules insulated and non-insulated (AWG 28-7)	7	Blister card

▶ 300-015 4 Way Indent Crimping Tool



Features

- Used to crimp closed barrel, screw machine pin and socket style contacts.
- Performs a simultaneous 4 indent crimp for superior contact retention.



4 Way to Crimping

Material	HRC	Handle	Application	O.A.L. (mm/inch)	Individual packing
S50C	45°±3°	PVC	Crimping of closed-barrel RS-232 D-sub contacts. AWG 26-20, DIN 0.2-0.5 mm ² , JIS 0.2-0.5 mm ²	162 /6.4	Blister card

▶ 300-016 Precision Crimping Tool With Wire Ferrules



- Including wire ferrules
- 0.5 x 6mm: 40pcs
 - 0.75 x 6mm: 40pcs
 - 1.0 x 6mm: 30pcs
 - 1.5 x 7mm: 20pcs
 - 2.5 x 7mm: 20pcs



Terminal crimper

Material	Handle	HRC	Application	O.A.L. (mm/inch)	Individual packing
S45C	PVC	45°±3°	Non-insulated wire ferrules AWG 23/22/20/18/17/15/13, 0.25/ 0.34/0.5/ 0.75/1.0/1.5/2.5mm ²	160/6.3	Blister card

▶ CP-462G Wire Ferrule Crimp Tool-Square Crimp



Features:

- Adjustable ratchet and lever action construction reduces fatigue degree.
- Special four-mandrel crimping style for square crimp.
- High quality crimping standard ensures repeatable crimping action.

Economy Grade



Four-mandrel for square crimp



Material	HRC	Handle	Application	O.A.L. (mm/inch)	Individual packing
S44C	40°±2°	Nylon	Usable for cord end terminals AWG 26 ~ 10, DIN 0.25 ~ 6.0 mm ² JIS 0.20 ~ 5.5 mm ²	175/6.9	Blister card

▶ CP-463 D-Sub Contact Crimping Tool



Features

- Ergonomic handle design provides low-effort operation
- Superior pull strength results
- High quality crimping standard ensures repetitive, reliable crimping action
- Adjustable pin height locator

For Larger Wire Size



4 Way to Crimping

Material	HRC	Handle	Application	O.A.L. (mm/inch)	Individual packing
SPCC + carbon steel	45°±3°	PVC	Crimping of closed-barrel RS-232 D-sub contacts. AWG 20-12 / DIN 0.5-4.0 mm ² JIS 0.5-3.5 mm ²	165/6.5	Blister card

▶ 902-499 4-Way Indent Crimper-Deutsch



Ideal for crimping deutsch closed barrel terminals found on motorcycles, trucks and other heavy duty vehicles.

NEW



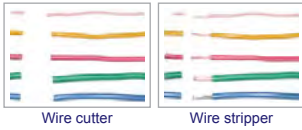
For use with 12-20 AWG closed barrel terminals.



Material		HRC		OAL (mm/inch)	Individual packing
Body	Handle	Body	Cutting edge		
S55C	PVC	44°±1°	55°-65°	163/6.4	Blister card

▶ CP-412G/CP-413G Heavy Duty Wire Strippers/Crimpers

CP-412G



Wire cutter Wire stripper



Bolt cutter



Crimp insulated and non-insulated Terminals

CP-413G



Model No.	Material	Handle	HRC	Application			O.A.L. (mm/inch)	Individual packing
				Wire strip	Bolt cutter	Crimp		
CP-412G	S50C	PVC	45 ±3'	Stranded wire: 12-24AWG Solid wire: 10-24AWG	4-40, 8-32, 6-32, 10-32, 10-24	10-22 AWG (Barrel-type insulated and Non-Insulated terminal)	206/8.1	Blister card
CP-413G	S50C	PVC	45 ±3'	Stranded Wire: 26-24, 22-20, 18, 16, 14, 12, 10 AWG Solid Wire: 22-20, 18, 16, 14, 12, 10, 8 AWG	4-40, 10-32, 10-24, 8-32, 6-32	26-14, 12-10 AWG (Insulated Terminal) 22-10 AWG (Non-Insulated Terminal)	215/8.5	Blister card

▶ CP-386 Snap Plier

- Ergonomic and light weight design for less fatigue, save effort up to 65%.
- Die set contains both male stud & eyelet and female cap & socket snaps.



Accessories:
Hex wrench and die set



Material		Application	O.A.L. (mm/inch)	Individual packing
Handle	Die			
Aluminum	Steel	Perfect for 10mm-13mm snap on all canvas covers, tarps, tent, static-dissipative mat and more.	180/7.1	Blister card

▶ 500-037 Insulated Terminal Crimp Kit w



- Ratcheted Crimper
- Ring insulated Terminal (22-16 AWG & Stud size: #6) X 50 pcs (16-14 AWG & Stud size : #8) X 40 pcs (12-10 AWG & Stud size : #10) X 20 pcs
- Butt Splice insulated (22-16 AWG) x 30 pcs (16-14 AWG) x 20 pcs (12-10 AWG) x 15 pcs

▶ CP-415 Cutter Stripper and Crimper



Stripper



Cutter

O.A.L. (mm/inch)	Individual packing
175/6.9	Blister card

Material	Hardness	Handle	Application		
			Strip	Cutter	Crimp
SK7	HRC: 53' ±3'	TPR	10-30 AWG (5.5-0.05mm ²)	Cutter: 12-30 AWG (2.0-0.25 mm) Cutter: 10-30 AWG (5.5-0.05 mm ²)	AWG: 12-10/16-14/22-18 JIS: 5.5-3.5/2.0/1.25mm ² DIN: 6-4/2.5/0.9 mm ²

▶ 902-498 Terminal Crimp Kit 100-002 Crimping Tool



- Crimper
- Butt splice connector, insulated PVC, copper tubular
30 Pcs, 22-16AWG, Red
20 Pcs, 16-14AWG, Blue
15 Pcs, 12-10AWG, Yellow
- Ring terminal, insulated PVC, brazed seam
50 Pcs, 22-16AWG, #6 Stud size, Red
40 Pcs, 16-14AWG, #8 Stud size, Blue
20 Pcs, 12-10AWG, #10 Stud size, Yellow



902-498



100-002

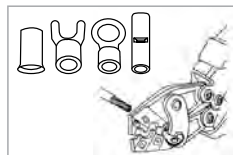
Material	Handle	HRC	Application			O.A.L. (mm/inch)	Individual packing
			Wire strip	Bolt cutter	Crimp		
SAE1008	PVC	HV 450-800	AWG: 10, 12, 14, 16, 18, 20-22	4-40, 6-32, 10-24, 10-32, 8-32	Insulation: 16-14, 12-10, 22-18 Non-insulation: 22-18, 16-14, 12-10 AWG	235/9.3	Blister card

CP-151B/CP-251B/CP-351B/CP-353 Non-Insulated Terminals Ratchet Crimping Tool

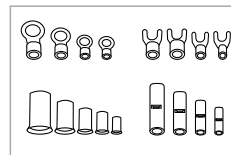


- New mechanism ratcheting crimper designed for non-insulated terminals, energy saving up to 35%.
- High leverage handles, compound action mechanism provide superior mechanical advantage.
- The accurate crimping mold and self locking / releasing mechanical unit design ensure high crimping quality when crimping repeatedly.
- Made of high quality carbon steel with black oxide finish for anti-rust
- Ergonomically shaped non-slip TPR handle with eyelet design for user comfort and easy storage.
- There are 4 different sizes to meet most applications.
- Ideal for electronics and electrical installation purposes.

35%
force saving
New Mechanism



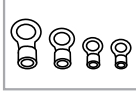
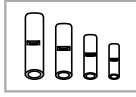
4 different sizes to meet most wire size stamped on terminals



Electronics and electrical installation purposes

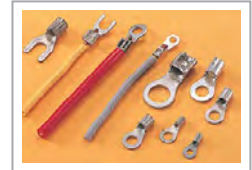
Model No.	Material	HRC	Handle	Crimper die profile	Application	OAL(mm)	Individual packing
CP-151B	Frame:S45C Die: AISI 4140	40° - 42°	TPR		Non-insulated spade/ring terminals,AWG 22-16/16-14/12/10, JIS 1.25/2.0/3.5/5.5 mm ² DIN 1.5/2.5/4.0/6.0 mm ²	176	Blister card
CP-251B	Frame:S45C Die: AISI 4140	40° - 42°	TPR		Non-insulated spade/ring terminals,AWG 22-16/16-14/12-10/8/6,DIN 1.5/2.5/6.0/10/16 mm ² JIS 1.25/2.0/5.5/8.0/14 mm ²	245	
CP-351B	Frame:S45C Die: AISI 4140	40° - 42°	TPR		Non-insulated spade/ring terminals, AWG 8/6/4/2, DIN 10/16/25/35 mm ² , JIS 8/14/22/38 mm ²	350	
CP-353	Frame:S45C Die: AISI 4140	40° - 42°	TPR		AWG 12-10 / 8 / 6 / 4, DIN 4-6 / 10 / 16 / 25 mm ² , JIS 5.5 / 8.0 / 14 / 22 mm ²	332	

▶ 300-055 **Non-Insulated Terminal Crimper**



(For Non-Insulated Terminal)

- Energy saving ratcheting crimper designed for non-insulated spade/ring terminals
- High leverage handles, compound action mechanism provide superior mechanical advantage.



Material	HRC	Application	O.A.L (mm/inch)	Individual packing
Frame:S45C Die:SK-5	39'±2'	For Solderless, Non-Insulated terminals and AWG.22-16/16-14/12-10/8/6	185/7.3	Blister card

▶ 300-107 **Heavy Duty Crimping Tool**



- The best crimping solution for heavy duty tinned terminals
- Adjustable crimp nests with clearly marked gauges
- Lightweight and easy for operation
- Rugged cast steel construction for durability
- For terminating insulated and non-insulated cable lugs from AWG 8 to 250MCM copper and AWG 8 to 4/0 Aluminum



Material	HRC	Application	O.A.L (mm/inch)	Individual packing
Body: FCD45 Die: SK5	40'±2'	AWG 8, 6, 4, 2, 1/0, 2/0, 3/0, 4/0, DIN 10, 16, 25, 35, 50, 70, 95, 120mm ² , JIS 8, 14, 22, 38, 60, 70, 80, 100 mm ²	570/22.4	Inner box+ color label

Hydraulic Crimpers

▶ 902-484 QuikCrimp

- 6 Ton Capacity-not to be used with 12 ton-dies.
- Description: Battery Powered Hex Crimping Tool with die sets.
- Application: Micro computer control system-automatically detects pressure when crimping, with double safety protection. Pressure released automatic Function-tool. The tool is equipped with a double piston which is characterized by a fast approach towards the connector material, then a transfer to high pressure automatically by slower crimping. Crimping head can be smoothly turned by 350° around the longitudinal axis in order to gain better access to tight corners and other difficult working areas.
- Accepts industry standard 6 Ton dies.
- Packaging: Blow-molded case.

REPLACEMENTS (INCLUDED IN KIT):

902-484-DIE-AWG6	Replacement Die - AWG6
902-484-DIE-AWG4	Replacement Die - AWG4
902-484-DIE-AWG2	Replacement Die - AWG2
902-484-DIE-AWG1-0	Replacement Die - AWG1/0
902-484-DIE-AWG2-0	Replacement Die - AWG2/0
902-484-DIE-AWG3-0	Replacement Die - AWG3/0
902-484-DIE-AWG4-0	Replacement Die - AWG4/0
902-484-DIE-300MCM	Replacement Die - 300MCM
902-484-DIE-350MCM	Replacement Die - 350MCM
902-484-DIE-500MCM	Replacement Die - 500MCM
902-484-DIE-600MCM	Replacement Die - 600MCM
902-484-BATTERY	Replacement Battery
902-484-CHARGER	Replacement Battery Charger

**Comes
W/2 Batteries**



QuikCrimp

▶ 902-480 TuffCrimp 400

- Description: Hydraulic Crimping Tool - 12 Ton with interchangeable die.
- Application: Type C head with Interchangeable dies. Crimping head can rotate 360° Built-in safety valve will by-pass the oil supply when maximum pressure is reached. Automatic pressure release. Manual retract after crimping.
- Accepts industry standard 6 and 12 ton dies.

REPLACEMENTS (INCLUDED IN KIT):

902-480-DIE-AWG6	Replacement Die - AWG6
902-480-DIE-AWG4	Replacement Die - AWG4
902-480-DIE-AWG2	Replacement Die - AWG2
902-480-DIE-AWG1-0	Replacement Die - AWG1/0
902-480-DIE-AWG2-0	Replacement Die - AWG2/0
902-480-DIE-AWG3-0	Replacement Die - AWG3/0
902-480-DIE-AWG4-0	Replacement Die - AWG4/0
902-480-DIE-300MCM	Replacement Die - 300MCM
902-480-DIE-350MCM	Replacement Die - 350MCM
902-480-DIE-500MCM	Replacement Die - 500MCM
902-480-DIE-600MCM	Replacement Die - 600MCM
902-480-DIE-800MCM	Replacement Die - 800MCM



TuffCrimp 400

STRIPPERS



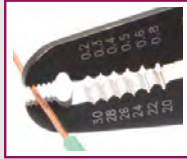
Pro'sKit® Strippers

All Pro'sKit precision strippers pass strict quality control using precision instruments and ensuring accurate stripping with much less effort against injury and long service life.

Pro'sKit offers a complete range of strippers, including precision wire strippers, automatic wire strippers, coaxial cable strippers, round cable slitting & ringing tools, for most applications, such as electrical wire, hook-up wire, multi-conductor cable, flat telephone cable, twisted pair round cables, coaxial cables, fiber optics cables...etc.

Gripping

Mainly used in holding, pulling and bending wires.



Cutting wires



With cutting edge for soft wires from Ø0.25 to Ø1.2mm (AWG 30 to 16), not for hard or thick objects.

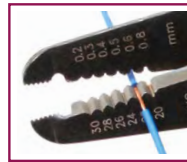
Wire spring



The spring design is very important! It allows handles to self-open to make work faster with much less effort.



Stripping wires



Pro'sKit precision strippers are processed by CNC machine to guarantee the accurate size of notches for accurate stripping without damage.



Pro'sKit end-action wire stripper comes with V type design and screw adjustment to preset wire size up to 3.9mm/0.15".



Pro'sKit automatic wire stripper requires much less effort to strip wires quickly. The notch size could be custom made upon special request.

2 blade stripping coaxial cables

2 blade coaxial cable stripper usually used in stripping braided shields coaxial cables

3 blade stripping coaxial cables

3 blade coaxial cable stripper usually used for stripping foil/braided shields coaxial cables

Pro'sKit coaxial cable strippers and twisted pair round cable strippers are designed with lever action that requires much less force for operating as effectively as possible. Blades made from special grade steel provide sharp and durable edges. Some of Pro'sKit strippers come with adjustable wire size function to preset wire size to meet applications requirement.

Cutting wires

Coaxial & twisted pair round cable strippers With cutting edge for cutting soft wires from Ø0.25 to Ø1.0mm (AWG 30 to 18), not for hard or thick objects.

Stripping wires

For stripping electrical wires

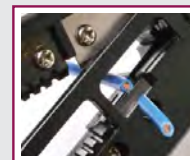
Stripping twisted pair round cables

For stripping twisted pair round cables.

Wire spring

Stripping flat telephone cables

For stripping flat telephone cables



Safety Caution



- Blades are very sharp, please use carefully and keep them out of reach of children.
- Blades are consumables, please replace when worn or damaged.

▶ **SR-363A/SR-363B 2 in 1 Round Cable Cutter & Stripper**

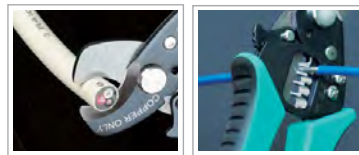


SR-363A

SR-363B



• The stripper is processed by CNC machining process to ensure its accuracy.



Model No.	Material		HRC	Application	O.A.L (mm/inch)	Individual packing
	Body	Handle				
SR-363A	SK5	TPR	54±3°	Stripping AWG 14/12/10/8 Cutting round cable up to 10.7mm	168/6.6	Blister card
SR-363B				Stripping AWG 20/18/16/14/12/10 Cutting round cable up to 10.7mm		

▶ **CP-301G Precision Wire Stripper**



Material: S50C

Material: PVC



Heat-treated sharp angle w/fine laser marking



Safety lock design

Material	Hardness	Handle	Application	O.A.L (mm/inch)	Individual packing
S50C	45±3°	PVC	30,28,26,24,22,20 AWG / 0.2,0.3,0.4,0.5,0.6,0.8 mm	165/6.5	Blister card

▶ **CP-302G Precision Wire Stripper**



Material: S50C

Material: PVC



Heat-treated sharp angle w/fine laser marking



Safety lock design

Material	Hardness	Handle	Application	O.A.L (mm/inch)	Individual packing
S50C	45±3°	PVC	20,18,16,14,12,10 AWG / 0.8,1.0,1.3,1.6,2.0,2.6 mm	165/6.5	Blister card

▶ **902-090 Precision Wire Stripper**



- Plier nose
- Cutter jaws
- Soft handles
- Spring return



Material	Hardness	Handle	Application	O.A.L (mm/inch)	Individual packing
SK7	50±3°	PVC	For cutting and stripping AWG 16, 14, 12, 10, 8	156/6.1	Blister card

▶ **200-047 Fiber Optic Stripper**



• Strips 125 micron glass fiber with 250 micron buffer coating without scratching or nicking glass fiber.



Material	Application	O.A.L (mm/inch)	Individual packing
Blade:S50C	Strips 125 micron glass fiber with 250 micron buffer coating without scratching or nicking glass fiber.	148/5.8	Blister card

▶ 902-349 Wire Stripper and Cutter



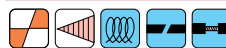
- Description: Light weight spring loaded wire stripper and cutter made specifically for electronics and other precision fields. Processed by CNC machine for accurate size of notches. Safety lock design for convenient storage.
- Application: AWG 30, 28, 26, 24, 22, 20
- Packaging: Blister Card

Economy Grade



Material	Handle	HRC body	Application	O.A.L (mm/inch)	Individual packing
S50C	PVC	45°±3°	AWG 30,28,26,24,22,20 / 0.2,0.3,0.4,0.5,0.6,0.8mm	165/6.5	Blister card

▶ 902-358 Wire Stripper and Cutter



- Description: Made specifically for electronics and other precision fields. Processed by CNC machine for accurate size of notches with safety lock design for convenient storage. Light weight for easy operation.

Economy Grade



Material	Handle	HRC body	Application	O.A.L (mm/inch)	Individual packing
S50C	PVC	45°±3°	AWG 20,18,16,14,12,10 / 0.8,1.0,1.3,1.6,2.0,2.6mm	165/6.5	Blister card

▶ 902-359 All-in-One Cable TV Tool



- Description: All-in-one combination for cutting, stripping and crimping with safety cover. Spring loaded for user convenience. Made of carbon steel with black oxide finish for anticorrosion.

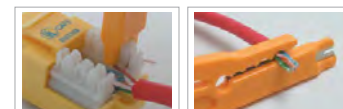


Material	Handle	HRC body	Application	O.A.L (mm/inch)	Individual packing
Carbon steel	PVC	65°±5°	For cutting and stripping RG6 coaxial cable, and crimping RG6 cable TV "F" connectors	168/6.6	Blister card

▶ 200-042 Economy UTP Stripper



- A simple tool for UTP/STP cable.
- Rotate stripper just three times to extract the jacket of cable.
- Also a function for 110 punch down tool.



Material	Application	O.A.L (mm/inch)	Individual packing
Poly-Resin	Stripping UTP/STP cable & 110 punch down	94/3.7	Blister card

▶ 200-085 Wire Stripper-Cutter W/Spring



Material	Hardness	Handle	Application	O.A.L (mm/inch)	Individual packing
S45C	45°±3°	PVC	For cutting and stripping AWG 24-10	132/5.2	Blister card

▶ 200-007 Adjustable Stripper with spring 200-007W Stripper without spring



- Material: S45C
- Handness: 45°±2°



Model No.	Handle	Application	O.A.L (mm/inch)	Individual packing
200-007	PVC	Stripping wire From 10-30 AWG/4-0.5mm (with spring)	127/5.0	Blister card
200-007W	PVC	Stripping wire From 10-30 AWG/4-0.5mm (without spring)	127/5.0	Blister card

200-003 Wire Stripping Tool



Replacement blades
200-003B

Material		Blade HRC	Application	Replacement blade	O.A.L (mm/inch)	Individual packing
Body	Handle					
Zinc alloy	S45C PVC	45°~55°	Stranded/Solid wire: AWG 22, 18-20, 14-16, 12, 10, 8	200-003B	170/6.7	Blister card

CP-246 Solar Cable Stripper



- With adjustable length stop for accurate stripping length setting



Material			HRC	Application	OAL (mm)	Individual packing
Body	Blade	Handle				
Zinc alloy	SK5	TPR	56 ±2°	For 2.5/4/6mm ² (AWG 14/12/10) solar cable	177/7	Blister card

200-091 Wire Stripping Tool



Cutting

Material		HRC Blade	Application	O.A.L (mm/inch)	Individual packing
Body	Blade				
ABS & low carbon steel	65Mn	45°~55°	Stripping flexible cable from 0.2~4mm ² (AWG 24-12)	172/6.8	Blister card

CP-367A Self-Adjusting Insulation Stripper



- To adjust length stop of 8-12mm
- Fully insulated for user comfort!



Material		HRC	Application	O.A.L (mm/inch)	Individual packing
Body	Blade				
Nylon	SK5	55° ±3°	Stripping: AWG24~10/0.2~6.0mm ² Cutter: under Ø 2.0mm	115/4.5	Blister card

200-014 Self Adjusting Stripper

- Description: Completely self-adjusting with built-in scissors action cutter and easy to change replacement blade cartridges.
- Application: AWG 28-10



Replacement blade cartridge: 900-013

Material		Application	Replacement blade	O.A.L (inch)	Individual
Body	Blade				
glass reinforced Nylon	Carbon Spring Steel	Stripping wire from AWG 28-10	900-013	8"	Blister card

200-078 Self Adjusting Stripper

- Description: Completely self-adjusting with built-in scissors action cutter and easy to change replacement blade cartridges.
- Application: AWG 28-10



Replacement blade cartridge: 200-078B

Material		Application	Replacement blade	O.A.L (inch)	Individual
Body	Blade				
glass reinforced Nylon	Carbon Spring Steel	Stripping wire from AWG 28-10	200-78E	6"	Blister card

▶ 200-072 Automatic Wire Stripper & Crimper



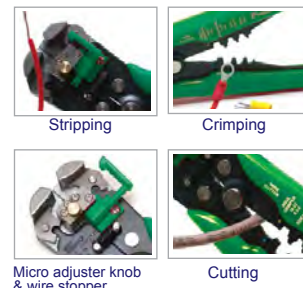
- The EASY STRIPPER cutters are made by precision machines for a long-life use.
- 15N 88~90 (HRC55°~60°) blade cuts wire fast and smoothly.
- Plastic insulated handles keep your work safe.



▶ 200-070 Automatic Wire Stripper & Crimper



- Micro adjusting the swivel knob to strip electrical wire gauge smaller than AWG24 (0.2mm²)
- Adjustable stopper is swiveled if user does not use this function.



Model No.	Material			Blade HRC	Application	O.A.L. (mm/inch)	Individual packing
	Body	Blade	Handle				
200-072	SS 41	Powder metallurgy	PVC	52°~57°	Stripper range: AWG 24-10 (0.2~6.0mm ²) For insulated terminals AWG 22-10 (0.5-6.0mm ²) For non-insulated terminals AWG 22-10 (0.5-6.0mm ²) For auto ignition terminals 7-8mm	210/8.3	Blister card
200-070	SS 41	Powder metallurgy	ABS+TPR	52°~57°	Stripper range: AWG 24-10 (0.2~6.0mm ²) For insulated terminals AWG 22-10 (0.5-6.0mm ²) For non-insulated terminals AWG 22-10 (0.5-6.0mm ²) For auto ignition terminals 7-8mm	210/8.3	Blister card

▶ CP-511A Universal Stripping Tool



Stripping low volt cable Ø8~13mm



Stripping regular cable AWG 20~10(0.5~6mm²) and RG59, RG6 Coaxial Cable



Blade	Material		Application	O.A.L. (mm/inch)	Individual packing
	Body	Handle			
SK5	ABS+TPR		Regular cable AWG 20/18/16/14/12/10(0.5/1.0/2.5/4.0/6.0 mm ²), RG59/RG6 coaxial cable, Ø8~13mm low-volt cable	125/4.9	Blister card

▶ 200-009/200-048 Rotary Cable Slitter



Cable slitting and stripping



Replacement blade: 200-036

O.A.L. (mm/inch)	Individual packing
140/5.5	Blister card

Model No.	Material		Application	Replacement blade
	Blade	Body		
200-009	Blade: SWP spring steel Blade holder: Metal	Nylon+Fiber	Range 0.18"~1.0" diameter	200-036
200-048	Blade: SWP spring steel Blade holder: Metal	Nylon+Fiber	Range 1.0"~1.4" diameter	200-036

▶ 902-491 Longitudinal Cable Slitter



- For slitting and stripping round cables exceeding 1" diameter.
- Removes all kinds of insulation layers
- Suitable for longitudinal and circular cutting
- Knob adjusts cutting depth up to 13/64" for different cable sheath thickness
- Blade fully retracts inside body for storage
- Replaceable blade (both sides can be used) is available.



Longitudinal cutting



Circular cutting



Adjustable cutting depth

Material		HRC	Replaceable blade	OAL (mm/inch)	Individual packing
Body	Handle				
Nylon	Powder metallurgy	57°±3°	902-491-BLADE Longitudinal Cable Slitter Blade	210/8.2	Blister card

Nonslip grip for user comfort and safety

NEW

Slits and strips round cables exceeding 1" diameter

Rolling design for force saving and safety

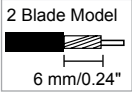
Knob adjusts cutting depth up to 13/64"

Open for operation

Fully retracts inside for storage



▶ CP-522 Rotary Coaxial Cable Stripper



Replacement blade cassette:
902-268
(1 pcs/pack)



Material		Application	O.A.L. (mm/inch)	Individual packing
Body	Blade			
ABS	SK5	coaxial cable RG59/6/7/11	128/5	Blister card

▶ 200-016 Wire Stripper Tool



Replacement blade :
900-117(6 pcs/pack)



Material		Application	Replacement blade	O.A.L. (mm/inch)	Individual packing
Body	Blade				
ABS		Wire(UTP/STP) or wire & multiconductor cable from Ø3.2-9mm(0.13"-0.35") max.	900-117 (6 pcs/pack)	112/4.4	Blister card

▶ 902-345 Universal Cable Stripper



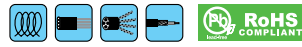
• Description: Strip flat wire and round cable with adjusting knob control to meet different cable sizes. Sharp SK-2 blade for easy cutting and stripping. Body made of ABS plastic.

Economy Grade



Material		Application	O.A.L. (mm/inch)	Individual packing
Body	Blade			
ABS	65Mn	UTP/STP, stranded phone wire 2P,4P,6P,8P,10P	125/4.9	Blister card

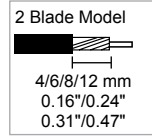
▶ 902-229 Universal Stripping Tool



Replacement blade :
902-269
(4pcs/pack)



Replacement blade cassette:
902-268
(1pcs/pack)



Material	Application	Replacement	O.A.L. (mm/inch)	Individual packing
ABS	Stripping UTP/STP twisted pair round cable, flat telephone cable, RG-59/11/7/6 coaxial cable	Blade: 902-269 Cassette: 902-268	125/4.9	Blister card

▶ 902-357 Universal cable Stripper



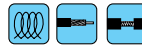
• Description: Strip flat wire and round cable with adjusting knob control to meet different cable sizes with built-in cable cutter function.

Economy Grade



Material		Application	O.A.L. (mm/inch)	Individual packing
Body	Blade			
ABS	65Mn	Strips outer jacket up UTP and STP cable and CAT5/6 round telephone cable;RG-59/6/11/7 coaxial cable and flat telephone cable	125/4.9	Blister card

▶ 902-346 Coaxial Cable Stripper



• Description: Strips various coaxial cables - two step strip

Economy Grade

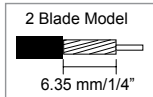


Material		Application	O.A.L. (mm/inch)	Individual packing
Body	Blade			
ABS	SK5	RG58/59/62/6	125/4.9	Blister card

▶ CP-507 Coaxial Cable Stripper & Cutter



- Designed for easy single operation of stripping and cutting RG-59, RG-6 cable.
- Unique, safe design construction to avoid blade exposure and accidents.
- Black hook and loop for folding back the braided shield.
- Finger loop promotes rotation during use.
- Pocket clip design for convenient carrying.

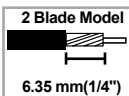


Material		Application	O.A.L. (mm/inch)	Individual packing
Body	Blade			
ABS	SK5	RG-59/6	111/4.3	Blister card

▶ CP-512 Rotary Coaxial Cable Stripper



- Designed for easy single operation of one-step stripping RG-59/6/7/11 coaxial cable.
- Unique, safe design construction to avoid blade exposure and accidents.
- Finger loop promotes rotation during use, more user friendly.
- Black hook for folding back the braided shield.



Replacement blade cassette: 5CP-505-RG(1pcs/pack)



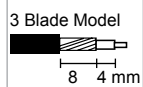
Material		Application	O.A.L. (mm/inch)	Individual packing
Body	Blade			
ABS	SK5	RG-59/6/7/11	94/3.7	Blister card

▶ 200-064 Multi-Function Wire Stripper



Material	Application	O.A.L. (mm/inch)	Individual packing
ABS	Stripping: RG-58/59/62 coaxial cable, 26-16 AWG(0.13~1.3mm ²) precision wire, flat telephone cable, cutting: 3.5~9mm ² (12-8 AWG)	125/4.9	Blister card

▶ 200-081 Rotary Coaxial Cable Stripper



Stripper Distance

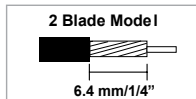


Material	Application	Replacement blade	O.A.L. (mm/inch)	Individual packing
ABS	For big cable O.D. around 10.5mm such as RG213	900-027 (6 pcs/pack)	105/4.1	Blister card

▶ CP-509 Coaxial Stripping Tool



- With hex wrench for easy installing or removing F connector from splitter.
- Durable SK5 preset cutting blades provide precise, accurate cable stripping.



Material		Application	O.A.L. (mm)	Individual packing
Body	Blade			
ABS	SK5	RG-59/6/7/11	130/5.1	Blister card

▶ CP-521 Coaxial Stripping Tool



- Designed for stripping RG-58/59/6/62 coaxial cable
- Durable SK5 steel preset cutting blades provide precise, accurate cable stripping
- Special POM (Polyoxymethylene) structure, easy operation and force saving



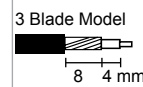
Material		Application	O.A.L. (mm/inch)	Individual packing
Body	Blade			
POM	SK5	RG-58/59/6/62	115/4.5	Blister card

▶ 200-090 Coaxial Stripper



Model No.	Material	Application	O.A.L. (mm/inch)	Individual packing
	Body			
200-090	ABS	RG-58,59,62,6	100/4	Blister card

▶ 200-005 Rotary Coaxial Cable Stripper



Stripper Distance



Material	Application	Replacement blade	O.A.L. (mm/inch)	Individual packing
ABS	RG-58/59/62/3C/4C	900-027(6 pcs/pack)	107/4.2	Blister card

▶ 200-051 Rotary Coaxial Stripper



Replacement blade : 900-027(6pcs/pack)

Material	Application	Replacement blade	O.A.L (mm/inch)	Individual packing
ABS	3-Blade model RG-59/62/6	900-027 (6 pcs/pack)	105/4.1	Blister card

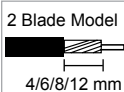
▶ 200-050 Rotary Coaxial Stripper



Replacement blade : 900-027(6pcs/pack)

Material	Application	Replacement blade	O.A.L (mm/inch)	Individual packing
ABS	RG-59/62/6	900-027(6 pcs/pack)	105/4.1	Blister card

▶ 200-004 Rotary Coaxial Cable Stripper



Stripper Distance



Replacement blade : 900-026(6pcs/pack)

Material	Application	Replacement blade	O.A.L (mm/inch)	Individual packing
ABS	RG-58/59/62/6/3C2V/4C/5C	900-026 (6 pcs/pack)	98.5/3.9	Blister card

▶ 902-334 Rotary Coaxial Stripper



- Compact and lightweight design for stripping RG-174 coaxial cable easily.
- Made of ABS handle with SK5 blade.
- Rotary stripping, one-squeeze cutting action.
- Includes a small hex wrench in handle for blade depth adjustment.



Material	Application	Replacement blade	O.A.L (mm/inch)	Individual packing
ABS	Stripping RG-174 coaxial cable	902-334-BLADES	98.5/3.9	Blister card

▶ 200-084 Coaxial Stripper



- Clothespin design
- Strip configuration for RG6, 58 and 59
- Adjustable blades



Material		O.A.L.(mm/inch)	Individual packing
Blade	Body		
SK5	ABS	120/4.7	Blister card

▶ 902-323 Coaxial Cable Stripper



- For stripping RG-58, RG-59, RG-6 coaxial cable



Optional replacement cassettes: 902-324, 902-325, 902-326



Comes with 902-324 cassette

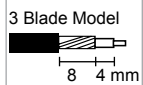
Model No.	Material		O.A.L.(mm/inch)	Individual packing
	Blade	Body		
902-323	SK5	ABS	120/4.7	Blister card

Model No.	Cassette color	Application
902-324	Red	3 Step strips for dual crimp N series connectors Strips braid 0.236 in. (6mm) and Dielectric 0.236 in. (6 mm)
902-325	Green	2 Step strips for twinax and UHF connectors Strips braid 0.480 in. (12mm)
902-326	Blue	2 Step strips for F-type and single crimp BNC/TNC connectors Strips braid 0.250 in. (6.35mm)

▶ 200-065 Rotary Coaxial Cable Stripper



- New design for stripping ethernet, thinnet RG-62/58/59/6 coaxial cable and other cable size. Each tool does 2 or 3 step strips with out any adjustment.



Stripper Distance



Material	Application	O.A.L (mm/inch)	Individual packing
ABS	Thinnet RG-62/58/59/6 coaxial cable and other cable size	108/4.3	Blister card

▶ MS-3207 Advanced 3 in 1 Connector Tool



- Comes with 3 different positions: RG-59, RG-6 and F connectors.
- Users can use one end to enlarge space between shield and insulation for RG59, another end tool for RG6, the other end locks F connector into tool socket and twist it onto a stripped cable end.



Material	Application	O.A.L (mm/inch)	Individual packing
PP	RG59, RG6, F connectors	100/3.9	Blister card

PUNCH DOWN TOOLS



▶ 700-025 Mini Punchdown Tool



- Lid flips to allow storage of protective cap



Punch and cut cable terminals

Economy Grade



700-025-25
Holds 25pcs for retail display



Material		Application	Standard blade type	O.A.L. (mm/inch)	Individual packing
Blade	Body				
SNCM-21	Rubber (Anti-slip)	Fixed blade, not changable	66 (with cutter)	129/5.1	Blister card

▶ 902-352 Non-Impact Punchdown Tool

- Description: Mini punch down tool (110/88 blade type) with cut function; fixed blade, not changeable non-impact tool.
- Application: Can be used with terminal blocks and keystone jacks.

Economy Grade



Material		Application	O.A.L. (mm/inch)	Individual packing
Blade	Body			
SNCM-21	Rubber (Anti-slip)	110/88 Blade Type	129/5.1	Blister card

▶ CP-3145A Punchdown Tool



Punch and cut cable terminals



- Rotatable blade holder
- Blade on both ends



Material		Standard blade type	O.A.L. (mm/inch)	Individual packing
Blade	Body			
S45C	ABS	110/88 blade, one end with, one end without cut function	128/5.1	Blister card

▶ 902-341 Non-Impact Punchdown Tool

- Description: Impact function. Blade made of 40Cr and hardened and is easy to exchange w/o screwdriver. Self-lock style holder provides quick, easy blade changes and prevents pullout.

Economy Grade

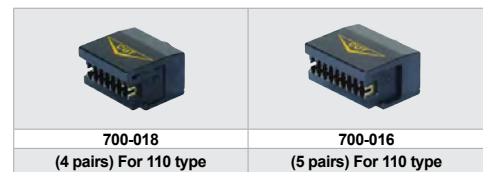


Material		Application	O.A.L. (mm/inch)	Individual packing
Blade	Body			
ABS	40Cr	110/88 reversible blade	145/5.7	Blister card

▶ 700-014/700-029 110 Punchdown Tool



- For use on LAN and telecom, seating 5 pairs or 4 pairs UTP (24 AWG) at a time.
- Suitable for both 110 type cable side and cross-connect side terminals blocks.
- The termination block head w/blades are changeable and reversible
- One end for seating and cutting off wires, and the other end for seating wires only.
- Patented: Taiwan.



700-018
(4 pairs) For 110 type

700-016
(5 pairs) For 110 type

Model No.	Material		Application	Standard blade type	Optional blade	O.A.L. (mm/inch)	Individual packing
	Blade	Body					
700-014	SNCM-21	T.P.R (Anti-slip)	Hi-low adjust pressure (Hi: 15±2kg, Low: 10±2kg)	110 (5 pairs)	700-016 700-018	140/5.5(w/o blade)	Blister card
700-029	SNCM-21	T.P.R (Anti-slip)	Hi-low adjust pressure (Hi: 15±2kg, Low: 10±2kg)	110 (4 pairs)		140/5.5(w/o blade)	Blister card

▶ 900-140 Spudger

- Probe & Pick
- Tough nylon glass fiber construction
- Non-conductive - prevents shorting



Material		O.A.L.(mm/inch)	Individual packing
Blade	Body		
Nylon	Fiber glass	142/5.6	Blister card



▶ CP-3147/CP-3148/CP-3150 Impact Punchdown Tool



- Ergonomic cushion grip with duplex color design.
- Spare blade storage chamber in handle.
- Increased HI/LOW forces to meet demands of all Category cables through Cat6.



Model No.	Material	Application	Standard Blade type	Optional blade	O.A.L. (mm/inch)	Individual packing
CP-3147	ABS + TPR	Hi-low adjust pressure (Hi: 40lbs 178N, Low: 30lbs /133N)	Handle Only (no blades)	700-008 700-009 700-015 700-017	162/6.4 (w/o blade)	Blister card
CP-3148			110/88 & 66 both ends cut only			
CP-3150			1pcs 110/88 & 1 pcs dual 66 with cut function			

▶ 700-007/700-010/700-011/700-012 Punchdown Tool

- Spring loaded impact
- Hi-Lo settings
- Spare blade storage in handle
- Blades/Handle inter-changeable with Harris Dracon and Fluke 814 tool and other industry standard tools

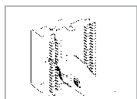
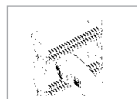


Model No.	Material	Application	Standard Blade type	Optional blade	O.A.L. (mm/inch)	Individual packing
700-007	ABS	Hi-low adjust pressure (Hi:15±2kg, Low:10±2kg)	Handle Only (no blades)	700-008 700-009 700-015 700-017	146/5.7 (w/o blade)	Blister card
700-010			w/110 & 66 Blades			Blister card
700-011			w/110 Blades			Blister card
700-012			w/66 Blade			Blister card

▶ 700-020/700-021/ 700-022/700-023 Impact Punchdown Tool



- A built-in combination hook/spudger for tracing and removing wires.
- Twist-lock style holder provides quick, easy blade changes and prevents pullout.
- An additional safe storage for one more spare blade



Model No.	Material	Application	Standard Blade type	Optional blade	O.A.L. (mm/inch)	Individual packing
700-020	TPR+PP (Anti-slip) (w/o Blade)	Hi-low adjust pressure (Hi:15±2kg, Low:10±2kg)	Handle Only (no blades)	700-008 700-009 700-015 700-017	168/6.6 (w/o blade)	Blister card
700-021			w/110 & 66 Blades			Blister card
700-022			w/110 Blades			Blister card
700-023			w/66 Blade			Blister card

▶ 700-027 Punchdown Tool-Locking Collar



Economy Grade



Hex type	Model No.	For terminal block
	700-026	Dual 110/88 type, one end with cut function(Hex type)

Material	Application	Standard Blade type	Replacement blade	O.A.L. (mm/inch)	Individual packing
ABS	Hi-low adjust pressure (Hi:15±2kg, Low:10±2kg)	110/88	700-026	186/7.3 (w/o blade)	Blister card

▶ 700-008/ 5CP-16A/ 700-009/ 700-015/ 700-017 Spare Blades

Pb For CP-3147,CP-3148,CP-3150,700 series punchdown tools

Model No.	Material	For terminal block
700-008	SAE 4140	Dual 66 type, one end with cut function
5CP-16A	AISI 4140	66, 110/88 type, both ends with cut function
700-009	SAE 4140	Dual 110/88 type, one end with cut function
700-015	SAE 4140	Dual KRONE 110 type, one end with cut function
700-017	SNCM-21	BIX, with cut function



These five blades do not fit the 700-027 punchdown tool

SOLDERING / ASSEMBLY



SS-989E 2 In 1 SMD Hot Air Rework Station



- Quiet operation & ESD safe design
- Closed circuit sensor design
- Microprocessor-controlled with Calibration function features accurate temperature control and easy to repair
- Alumina Ceramic Soldering iron heating element features high power, fast warm up
- Silicone handpiece cord wire heat-resistant up to 200°C
- Comes with AWG 20 (0.5mm²) UL Certified Wires.
- Individual function start saves energy
- Auto cool-off process to prolong the life of heating element
- Interchangeable and applicable to most of branded hot air nozzles and tips

2X Lifetime
Heat Fast, 36sec 300°C
Smart Microprocessor controlled
Auto Cooling System
UL certified wires



Soldering stand



SMD rework



Soldering work



Connectorized design for quick change heater



All in one PCB design



High quality assembly

Specification	
Model No.	SS-989E
Power Consumption	700W
Soldering Power	60W
Soldering Iron Temperature Range	200°C ~ 480°C (392°C ~ 896°F)
Hot Air Temperature Range	room temperature ~ 480°C (896°F)
Heating Element	Alumin ceramic heating element
Hot Air Heating Element	Metal Heating Core
Pump/Motor Type	Diaphragm Pump
Air Capacity	24L/min (max)
Equipment noise	45dB
Temperature Display	LED
Power Input	AC110-120V, 60Hz
Standard Plug	
Dimensions	255(L)x190(W)x140(H)mm
Weight	4200g
Accessories	
Soldering Iron (60W)	9SS-900N-SI(AC24V/60W) x 1pcs
Hot Air Gun	9SS-900NE-HG (AC110V~120V)
Soldering Stand	1pcs
Nozzle	9SS-900-A1 (Ø2.3mm) x 1pcs 9SS-900-A2 (Ø6.4mm) x 1pcs 9SS-900-A3 (Ø8.8mm) x 1pcs
Individual packing	Color Box

Replacement Tips:

Please refer to 5SI-216N series Soldering tip on page.87

Replacement Accessories:

Soldering Iron: 9SS-900N-SI

Hot Air Gun: 9SS-900NE-HG(AC110~120V)

Soldering Iron Heater: 9SS-900N-HT

Hot Air Gun Heater: 5SS-989NE-H(AC 110~120V)

IC Package	IC (mm)	Model No.
Single		9SS-900-A1
		9SS-900-A2
		9SS-900-A3
QFP (Quad Flat Pack)	10x10	9SS-900-B
	14x14	9SS-900-C
	17.5x17.5	9SS-900-D
	14x20	9SS-900-E
	28x28	9SS-900-F
SOP (Small Outline Package)	4.4x10	9SS-900-H
	5.6x13	9SS-900-I
	7.5x15	9SS-900-J
	7.5x18	9SS-900-K
PLCC (Plastic Leaded Chip Carrier)	17.5x17.5	9SS-900-L
	20x20	9SS-900-M
	25x25	9SS-900-N
	30x30	9SS-900-O

SS-969E SMD Rework Station

Brushless motor
Microprocessor-controlled
Auto-sleep and work mode
UL certified wires
Durable metal case



700W
450°C



Standard nozzles x 3 pcs



SMD rework



High quality assembly



Additional ground contact

- Microprocessor-controlled with closed circuit sensor design, provide high power and quick warm up times.
- Adjustable air flow, air volume and temperature to meet variety applications.
- Handle with sensor design provides real-time operating.
- Brushless motor design, quiet in operation, equipment noise less than 45dB.
- Auto cool-off process to prolong the life of heating element.
- Silicone Handpiece cord wire heat-resistant up to 200°C.
- AWG 20 (0.5mm²) UL Certified Wires.
- Metal case with painting makes more durable.

Specification

Model No	SS-969E
Power Consumption	700W
Temperature Range	100~450°C(212~842°F)
Heating Element	Metal Heating Core
Equipment Noise	<45dB
Temperature Display	LED
Air Volume	120L / min (Max.)
Fuse type	250V / 8A
Input Voltage	AC110V~120V, 60Hz
Plug Type	E
Machine Size (mm)	170 x 170 x 140
Overall Package (mm)	280 x 185 x 170
Weight	1.43 kgs

Accessories

Heat Air Gun	5SS-969NE-HG AC(110~120V) (225 x 60 x 40mm / wire length 140cm)
Nozzle	9SS-969-A1 x 1pcs (ID: Ø 4.3mm) 9SS-969-A2 x 1pcs (ID: Ø 7.4mm) 9SS-969-A3 x 1pcs (ID: Ø 9.4mm)
Individual packing	Color box

SS-331E LCD Desoldering Station

High Power Vacuum Pressure
Microprocessor-controlled
Ceramic Heater for quick heat up

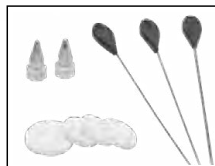


PROFESSIONAL

NEW



90W
480°C



Ceramic heater features 20 times longer lifetime and better performance than transitional type heater

- Built-in high power 600mm Hg air pump, designed for lead-free desoldering of single and multi layer PCB.
- High performance provides fast heating response.
- Microprocessor controlled, provides accurate temperature control from 160 to 480°C.
- Provides fast heat up, fast recovery and high insulation resistance.
- Features 20 times longer lifetime than transitional type heater and better performance.
- Ergonomically friendly structure allows one hand operation, more efficient and comfortable.

Specification

Voltage	100~240V AC
Power Consumption	90W
Temperature Range	160°C ~ 480°C
Control System	Microprocessor
Vacuum Pump System	Air Pump Motor
Vacuum Pressure	>600mm Hg
Heating Element	Ceramic Heater
Connecting Cord/Hose Length	105cm
Power Cord Length	1.2m
Plug Type	E
Station Size (mm)	172 x 135 x 190
Weight (kgs)	1.6
Accessories	Spare tip x 3:(ø1.2(on the gun)/ø1.0/ø1.5mm) Cleaning tool x 3 (ø0.7/ø0.9/ø1.2mm) Filter sponge x 4 (ø20.8x1+ø16.8x3)
Individual packing	Color Box

▶ SS-611A Heat Gun Set



- Smart overheat protection design
- Automatic cool air flow to reduce waiting time from overheating shut down while working
- 2 temperature settings from 300°C~500°C for a variety of applications
- Dual color ergonomic grip and lightweight design provides greater comfort
- Includes 4 nozzles and 1 scraping tool with carrying case, easy to carry and store



Included 4 Nozzles + 1 Scraper



Paint and varnish removal



Voltage	Power	Dual temperature range	Case size (mm/inch)	Standard plug
120V 60Hz	I-750W II-1500W	I-300°C II-500°C	295x275x85 11.6" x 10.8" 3.3"	A

Individual packing: Color sleeve + shrink pack



Caution:

- For safety, after using this product for one hour, please shut-off for 10 minutes to cool down temperature
- If this product is overheating after shut-off, the protection function will be coercively booted and shut this appliance off for 10 minutes. To prevent any overheating problem, never put the appliance down on its air outlet nozzle. Always keep its outlet nozzle upward or put it on one of its sides.

▶ 902-458 Heat Gun with LCD Display



- Mabuchi motor provides high performance and long life.
- Large LCD display for easy monitoring.
- Air flow and temperature control system maintains constant temperature.
- Perfect for applications requiring consistent application of heating.
- Adjustable, stepless temperature range from 212°F~1202°F(100°C~650°C).
- Smart protection design switches off automatically to prevent overheating.
- 20 second automatic cool air flow prevents accidental burns and extends the life of the heating element.
- Includes 2 extra nozzles for a wide variety of applications.



Removal of window glazing



Paint removal



Voltage	Power consumption max.	Switch-I	Switch-II	Switch-III	Cable length	Certificate	Standard plug	Accessories
120V 60Hz	1500W	11 CFM 122°F (50°C)	11 CFM 158~1022°F (70~550°C)	18 CFM 158~1022°F (70~550°C)	6 Ft.	c-UL	A	4 nozzles and 1 scraping tool

Individual packing: Color sleeve + shrink pack

▶ SS-257EU LCD Smart Soldering Station Stainless Steel Heating Element



NEW

- **Microprocessor controlled**
Features best performance, accurate temperature control.
- **High quality heating element, recovery fast**
Comes with high end quad-wire heating element for fast heat recovery.
- **Large LCD display with shuffle knob design**
Large screen with backlight, LCD contrast and brightness are adjustable.
Designed with manual and shuffle function for easy setting, more convenient and user friendly.
- **3data memories**
Store and recall frequently used temperature values.
- **USB port output**
Built-in DC 5V/1A USB port for power supply.
- **Smart functions**
Auto sleep and awake up function, auto power off, system lock, tip calibration and low consumption.
- **Function menu setting**
Designed with function manual and shuffle knob for easy setting, more convenient and user friendly.
- **Temperature calibration function**
- **Resettable fuse protection design**

75W
500°C

INDUSTRIAL GRADE




Large LCD w/backlight



Shuffle knob for quick setting



USB power supply

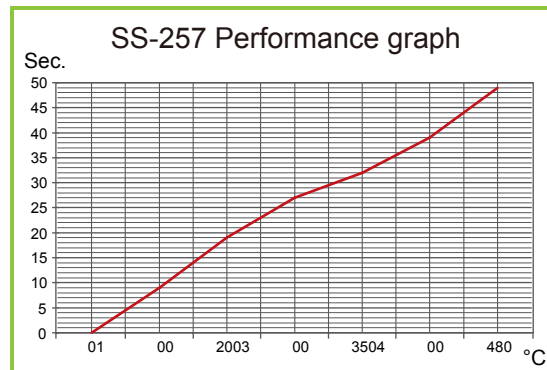
Model No.	SS-257EU
Input voltage	AC 110~120V 60Hz
Control system	Microprocessor-controlled
Power consumption	75W
Display	LCD 74x40mm, 240 x120 dot. backlight
Temperature range	30~500°C±10°C(86~932°F±50°F)
Temperature calibration	±0~699°C(32~1290°F)
Temperature stability	±2°C/±36°F (no load)
Heating element	High end quad-wire Heater
Plug	E 
Sleep mode	OFF, 1~360min. adjustment
Temperature of sleep mode	30~400°C/86~752°F
USB port output	DC 5V/1A
Memory	3 sets
Tip-to-Ground resistance / potential	≤ 2 Ω / ≤ 2 mV
Size	180 × 150 × 106 mm
Weight	2.36 Kg

Replacement Accessories:

Soldering Iron: 9SS-257-SI
Soldering Iron Heater: 9SS-257-HT

Replacement Tips:

Please refer to 5SI-216N series Soldering tip on page 87



▶ **SS-206E / SS-207E Temperature-Controlled Soldering Station**



UL certified wires and components
Modular design for quick repair
Alumina ceramic heater
Compact size design
Lead free process



SS-206E



SS-207E

Features

- Comply with cTUVus safe certification.
- Temperature range 200- 480°C (392-896°F).
- Soldering iron handles are insulated and ergonomically designed for ease and comfort.
- Celsius or fahrenheit temperature setting.
- Control IC modular design for easy and quick repair.
- Resettable fuse protection design.



Modular design for easy repair



High quality assembly

Model No.	SS-206E	SS-207E
Power consumption	60W	
Input Voltage	110~120V 60Hz	
Output voltage	24VAC	
Display	Analog	Digital
Heater	Alumina ceramic heating element	
Temperature range	200°C- 480°C (392°F-896°F)	
Station Size(mm)	145x90x120	
Standard Plug	E _i type	
Replacement heater	9SS-900N-HT	
Soldering Iron	9SS-900N-SI	
Individual packing	Color Box	

Replacement tips:

OAL:43mm I.D.: 4.0mm O.D: 6.3mm

	5SI-216N-B (Included)		5SI-216N-3.2D
	5SI-216N-B1.0		5SI-216N-1C
	5SI-216N-BC		5SI-216N-2C
	5SI-216N-0.8D		5SI-216N-3C
	5SI-216N-1.2D		5SI-216N-4C
	5SI-216N-1.6D		5SI-216N-I
	5SI-216N-2.4D		5SI-216N-K

▶ 900-259 Mini Soldering Station

- Precision temperature control: ~330°C (~626°F)
- Super slim, pen-like style for greater control and visibility
- Specially designed for repairs to cell phones and PC boards
- Conductive soldering stand
- Dual voltage AC 110/220V



Mini Ceramic Heater & Tip



Replacement tip:



Voltage	Consumption	Temperature	Standard plug	Individual packing
110V	4~14W	~330°C (~626°F)	E	Color box

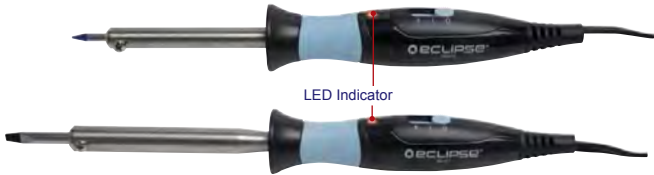
▶ 902-512 / 902-513 Dual Wattage Soldering Iron



DUAL WATTAGE professional soldering iron, excellent for all electronics hobbyists as well as industrial users.

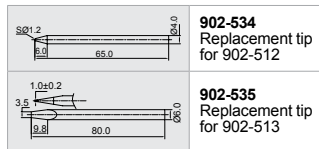
- Selectable switch lets you easily swap the power setting.
- Tailor your temperature depending on your project.
- Ergonomic handle with comfortable grip for max. user comfort.
- Comes with long life tip and safety stand.
- Includes sheet metal stand.

902-512 15/30W Dual Wattage Soldering Iron



902-513 30/60W Dual Wattage Soldering Iron

Model No	Voltage	Consumption	Individual packing
902-512	120V	15/30W	Blister card
902-513	120V	30/60W	Blister card



▶ 902-329 25W Soldering Iron



Replacement tip:
902-333 (Pencil type)

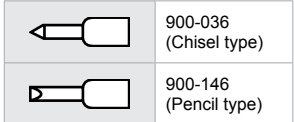
Voltage	Consumption	Temperature	Handle color	Standard plug	Individual packing
120V	25W	340°C	Black	A	Blister card

▶ 900-035 20W~40W Soldering Station

- 20W-40W switchable solder station
- UL approved
- Comes with pencil tip



Replacement tip:



Voltage	Consumption	Temperature	Standard plug	Individual packing
110V	20~40W	400°C±30%	A	Color box

▶ SI-125A-15/SI-125A-20 Mini Soldering Iron



- Specifically for areas that require small size and fine application.
- Lightweight and triangle shape plastic handle for user comfort.
- Heats up fast but less wattage required.
- Tips screw on and off for easy changing.



Replacement tip:

	5SI-125T-B (Standard)
	5SI-125T-SB
	5SI-125T-D

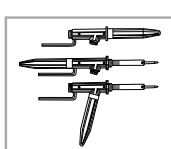
Safety stand

Standard plug	OAL (mm/inch)	Individual packing
A	168/6.6	Blister card

Model No.	Voltage	Consumption	Temperature	Heater	Handle color
SI-125A-15	110-120V	15W	360°C±10%	Ceramic heater	Orange
SI-125A-20	110-120V	20W	410°C±10%	Ceramic heater	Orange

▶ 900-018N 30W Soldering Iron

- Converts easily from pen to gun configuration.
- When not in use handle covers tip for storage protection.



Replacement tip:
900-020N (Pencil type)

Voltage	Consumption	Temperature	Handle color	Standard plug	Individual packing
110~120V	30W	400°C±10%	Green / Black	E	Blister card

GS-23K Gas Soldering Iron Kit-Auto Ignition



- Auto ignition for starting and operating easily and safely under any condition.
- Safety ignition switch complies with CPSC standard to prevent children misuse.
- Comes with TR90 high transparent nylon gas tank features long service life and more safety.
- With Ceramic heater for long service life.
- Adjustable flame control for precision use.
- Butane is easy to refill and check with see-through fuel window.
- Complete kit comes in a plastic case and meets a variety of operating applications.



Hot blow up to 600°C Torch up to 1300°C Soldering up to 500°C Stand support for convenient work



Soldering Temperature	Hot Blow Temperature	Torch Temperature	Fuel Capacity	Time	Size (mm/inch)	Individual packing
500°C	600°C	1300°C	15ml	90min	245 x Ø 29mm/ 9.6xØ1.1"	Color Box

GS-210 Professional Soldering Iron & Gas Torch

- Auto ignition is easy to start and operate under any condition
- Adjustable flame control for precision use
- Built-in stand for safety and easy placement during work
- Needle soldering tip and soldering head included
- Optional tips available for different applications



Soldering temperature	Hot blow temperature	Torch temperature	Fuel cap.	Time	Size (mm/inch)	Individual packing
370 °C	500 °C	1300°C	7 ml	30~40 min	170xØ 24 6.7xØ.94	Blister card



900-004 ESD Mini-Desolder Pump



DP-366D Desoldering Pump



DP-366J Desoldering Pump



DP-366P Desoldering Pump



Model No.	Material	Suction Capability	OAL(mm/inch)	Individual packing
900-004	Aluminum	30cm-Hg	163/6.4	Blister card
DP-366D	ABS	32cm-Hg	210/8.3	Blister card
DP-366P	ABS	40cm-Hg	330/13.0	Blister card
DP-366J	PC	32cm-Hg	210/8.3	Blister card

▶ GK-368 Battery Operated Glue Gun



- Cordless design, free from A/C power cords and dangerous dangling cords.
- Convenience LED light allows for work in dark areas.
- Closed viewing window for easy glue stick checking, more constant temperature and dust free operation.
- For Ø7.5mm glue sticks
- Perfect for toys and models, corkboards, DIY projects, school projects, quick repairs around the house, decorations, wood crafts and more.

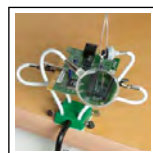


Power	Preheat time	Power source	Optional glue sticks	Running time
7W/6V	3-4 minutes	1.5V AA battery x 4 (not included)	Model No.: GK-67330-8, Ø7.5mm Glue Sticks, 8 pcs /pack	45 minutes (Alkaline type)

▶ 902-227 Helping Hands Octopus Clamp Kit



- Maximum thickness of table or bench edge: 1.5"(40mm)
- Including magnifier arm x1, magnet arm x1, stayput arms x4
- Magnification: 2.5X



Multi function

Individual packing: Blister card

▶ 900-115 Glue Gun



- Solid state electric glue provides a fast, easy way to dispense hot melt adhesive for hundreds of fastening and repair jobs.
- Specially designed feed mechanism, spring-tensioned nozzle and silicone sleeve assure precise control of adhesive flow for neater work.



Decoration model and more...

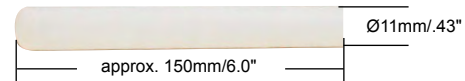


Models

Voltage	Power	Preheat time	Flow of glue	Standard plug	Individual packing
120V	30-80W	10 min	14-16g per min	A (I)	Double blister

▶ 900-118A Glue Stick

- 6pcs per pack



▶ 902-094 Helping Hands



- The practical helper for soldering work for electronics and model-making.
- Holding clamps adjustable in many ways, complete with magnifying glass 3.5"(90mm) dia: 2X.
- Sturdy stand.



Individual packing: Color box

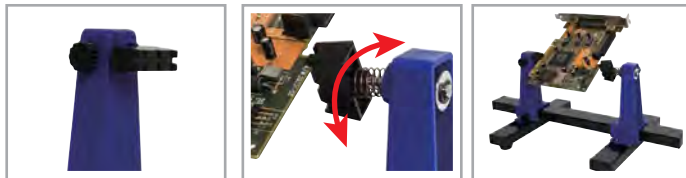
▶ SN-390 Adjustable Soldering Clamp Holder

Particularly designed to clamp a circuit board, ideal for PCB soldering and desoldering rework.

- Rigid metal structure with stabilizing rubber pad, perfect for your project.
- The 2 adjustable grip retractable stand accommodates various board sizes up to 200mm width and 4 different thicknesses.
- The clamps allow 360 degrees rotation and can be secured in any position, make your soldering projects more easy and efficient.
- Lightweight design, easy to carry.



NEW



4 different thickness holders

Allows 360 degrees rotation and can be secured in any position

Demo only, PC board not included.

Material	Max. circuit board size	Circuit board thick	Dimensions	Weight	Individual packing
ABS arm + metal base	20 x 14 cm / 7.9x5.5"	1.2 / 1.8 / 2.0 / 3.0mm	30 x 16.5 x 12.5 cm 1.2 x 0.6 x 0.5"	450g	Color Box

▶ SN-396 Soldering Helping Hand with LED Magnifier

- **3 helping hand clips**
- **Powered by batteries or adaptor**
- **Excellent solution for soldering work**



- Comes with 16 SMD LEDs illuminating, energy saving and super bright.
- The magnifier is on a flexible neck gives you 2.5X(6D) and 4X(12D) magnification for finishing those fine solder joints.
- The adjustable 3 helping hands clips feature precise positioning and secure gripping of your work.
- The magnifier is powered by either 4 AA batteries or external power adaptor.
- The set includes solder spool brackets, soldering iron holder, cleaning sponge & brass tip cleaner and solder flux.



NEW



Magnifying Lens size	Magnification	Magnification Material	Light source	Neck length (for magnifier)	Neck length (for alligator clips)
Ø90mm & Ø20mm	2.5X(6D) + 4X(12D)	Glass	16 pcs SMD LEDs	265mm 10.4"	250mm 9.8"

Base size	Power Battery	Power Adaptor	Accessories	Weight	Individual packing
190x170mm	1.5V AA x 4pcs batteries (not included)	DC 6V adaptor input (not included)	Sponge size(30 x 50mm), Solder flux x 10g, Brass Tip Cleaner x 17g	1,150 g	Color Box

▶ Helping Hands

900-037



900-206



900-015



Model No.	Material			Magnification	Base OAL.	Individual packing
	Magnifer	Arm	Base			
900-037	Acrylic	Low carbon steel	Cast-iron	Ø 50mm 6D(2.5X)	54x54x57mm / 2.1x2.1x2.2"	Color box
900-206	Glass			Ø 64mm 6D(2.5X)		
900-015	N/A			N/A		

▶ **900-016 Soldering Stand**



Individual packing: Color box

▶ **6S-2 Soldering Stand**



Individual packing: Color box

▶ **900-099 Soldering Stand**



Individual packing: Color box

▶ **902-095 Mini Soldering Stand**



- 2 position iron holder stand
- Built-in sponge tray



Individual packing: Color box(2pcs / pack)

▶ **900-242/ 900-243 Soldering Tip Cleaner Replacement Tip Cleaner**



- No water necessary.
- Anti-slip pad.
- Made of low abrasive brass shavings.
- Cleans better than conventional sponges.
- No temperature drop as in conventional sponges.

Model No.	Description	Spec	Individual packing
900-242	Soldering tip cleaner	ø83 x 27mm/ 3.3" x 1.1	Blister card
900-243	Replacement tip cleaner	25g	Hanger (5 pcs/pack)

▶ **902-335 Cut To Size Soldering Sponge**

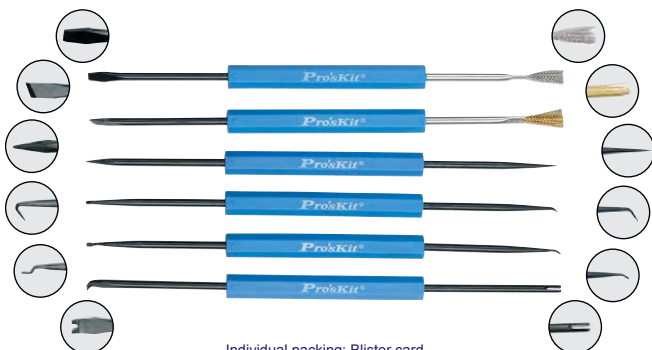


Material	Size(mm/inch)	Individual packing
Cellulose	100x110/3.9x7.8	Hanger (3 pcs/pack)

▶ **900-100 Solder Aid Tools**



- This kit contains specialized tools you need for soldering: Assisting rods for P.C.board soldering work.



Individual packing: Blister card

▶ **900-250 Solder Aid Tools**



- This kit contains specialized tools you need for soldering: a heat sink to protect your heat-sensitive devices, knife and brush, scraper and hook, fork and spike.



Individual packing: Blister card

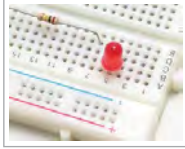
▶ 900-247 Round Hole Bread Board



- 840 tie points
- Round hole designed for easy plug and pull
- Expandable by combining several boards together to meet your different requirement
- Wearproof material made of ABS & phosphor bronze with good flexibility and electric conductivity

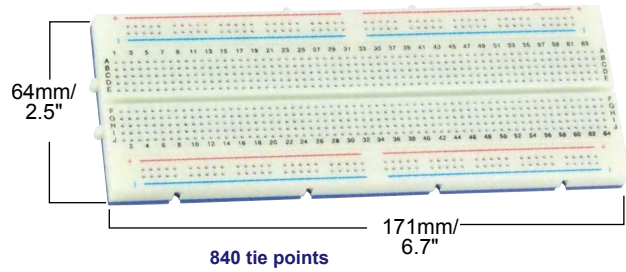


Excellent expandability



Friendly graduations

Individual packing
Blister card



▶ 900-248/900-249 Round Hole Bread Board



Application:

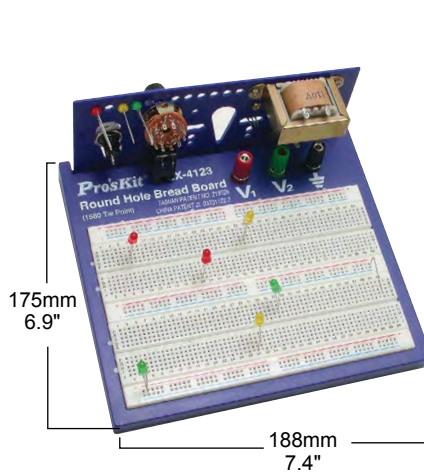
Used as a simulated layout for R&D and students.

Features:

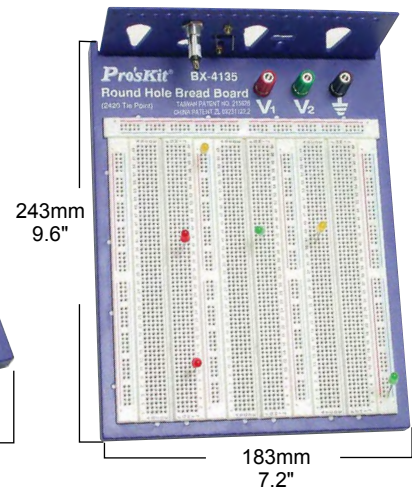
- Round hole designed for easy plug and pull
- Expandable by combining several boards together to meet your different requirement
- Wearproof material made of ABS & phosphor bronze with good flexibility and electric conductivity



Edge plate can easily fold up



900-248 1580 tie points (Demo only)



900-249 2420 tie points (Demo only)

Model No.	Tie points	Individual packing
900-248	1580	Blister card
900-249	2420	

TAIWAN PATENT NO. 215526
CHINA PATENT ZL 03231122.2

▶ 900-271/900-272 Bread Board Accessory



- 70 pcs of 22 AWG solid wires
- Pre-cut, pre stripped and pre-formed on each end
- Variety of colors
- Completely reusable
- 14 lengths x 5 pcs each
- (2, 5, 7, 10, 12, 15, 17, 20, 22, 25, 50, 75, 100 and 125mm)

- 350pcs of 22 AWG solid wires
- Pre-cut, pre stripped and pre-formed on each end
- Variety of colors
- Completely reusable
- 14 lengths x 25 pcs each
- (2, 5, 7, 10, 12, 15, 17, 20, 22, 25, 50, 75, 100 and 125mm)



900-271



900-272

Case Size (mm/inch)	Individual packing
165x55x15/ 6.5x2.2x0.6	Poly bag + Hanger

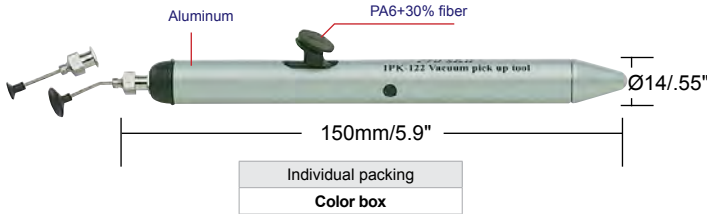
Case Size (mm/inch)	Individual packing
178x90x28/ 7x3.5x1.1	Poly bag + Hanger

900-238 Vacuum Pick-Up Tool

- The hand-held SMD vacuum pick-up tool is ideal for picking up and moving electronic components, large or small. With fountain pen dimensions, it fits easily into your hand or pocket.
- The new high-power probes have longer holding action.

Function:

- Lightweight, portable and suitable for picking and placing small components weighing up to 50 grams and having a flat surface, dilly packages and surface mount components, etc.



Individual packing
Color box

900-251/900-252/900-253 Liquid Dispenser Bottles

- Polyethylene bottles are not chemically reactive.
- Purity pump to prevent backwash of contaminants into container.



Model No.	Description	Individual packing
900-251	4 oz/114 ml	Poly bag + Hanger
900-252	6 oz/170 ml	Poly bag + Hanger
900-253	8 oz/227 ml	Poly bag + Hanger

MS-018 Leak Proof Dispenser Pump Bottle



- Portable leak proof construction.
- Bottle scale indication.
- Anti dumping of cone design.
- No chemical reaction Polypropylene material.
- Perfect for fiber cleaning, nail treatment and more.

Material	Capacity	Individual packing
Polypropylene	180ml	Poly bag

900-270 Mini Vacuum Cleaner



Material	OAL (mm/inch)	Individual packing
polypropylene	128/5"	Blister card

900-058/900-181/900-222 Stainless Steel Forceps



Model No.	Material	Type	OAL (mm/inch)	Individual packing
900-058	AISI 410	Straight	130/5"	Blister card
900-181			160/6"	
900-222			Curved	

900-230 Flux Bottle



- Dispenses flux evenly with a fine tipped needle.



Material	OAL. (mm/inch)	Individual packing
PE	ø37x122/ø1.5x4.8	Poly bag + Hanger (2 pcs/pack)

902-529 Anti-Static Liquid Dispenser Bottle



- High Density Polyethylene (HDPE) durAstatic bottles are ESD Safe
- Long lasting dissipative properties - Rtt: 10⁹ to < 1 x 10¹⁰ ohms tested
- Stainless steel bottle cap with a transparent pad

Description	Capacity	Individual packing
High Density Polyethylene (HDPE)	180ml (6oz)	Poly bag

MS-153C Bulb Blower



Air valve made by copper with chrome plating

Comes with copper nozzle, providing high air pressure for removing dust safely and gently.

Made of ABS, Ø5.0x30mm/Ø0.2"x1.2"

Material	Pump capacity	OAL. (mm/inch)	Individual packing
PVC	110 ml	Ø 56x110mm / Ø2.2"x5.5"	Blister card

SCREWDRIVERS & BITS

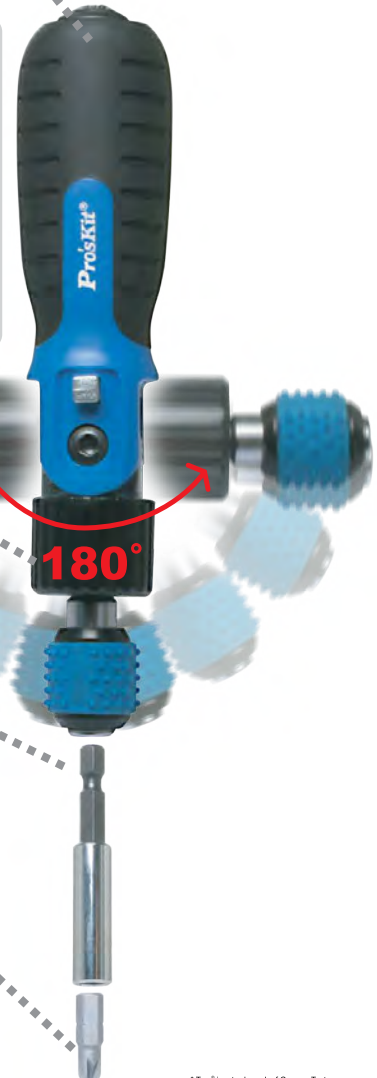
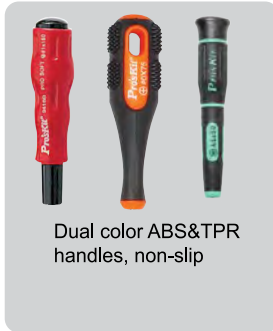


Screwdrivers/Bits

Pro'sKit® screwdrivers with ergonomic handles, high quality blades and super hardened finished tips feature the maximum torque and user comfort.

Handle styles:

Pro'sKit® screwdrivers come in various handle styles to meet requirements of most applications, including PVC, ABS, dual color non-slip ABS&TPR, ESD safe, handles.



Ratchet types:

Pro'sKit® screwdrivers have a variety of styles. Some come with ratchet mechanism design, and some are articulated handles. Ratchet screwdrivers require less force but more torque than conventional handles. It comes with 3 adjustable positions adjustment; forward, reverse rotation and fixed. The articulated handles allow adjustment of the reverse angle up to 180° for quick screwing, especially in narrow working spaces.

Material of bits and blades:

Pro'sKit® screwdriver blades and bits are made from high grade steel to meet most of applications, including Chrome-Vanadium steel(Cr-V), Chrome-Molybdenum Vanadium steel(Cr-Mo-V), S2 alloy steel(S2). Tips with special hardened finish for perfect fit in screw slots and lasting durability.

Black tip

Black tip with hardened finish guarantees a long service life and increased corrosion protection.

Magnetic

Magnetic tip for greater fastener control and guarantees a perfect fit every time.

Symbols for blade and bit shapes

Pro'sKit® screwdriver assortment with many bit specifications apply to most screws.

Safety Caution
* Don't use tools on live or energized circuits or equipment.

		Slotted			Spanner			Clutch			Wing nut driver
		Phillips			Phillips tamper proof			Pozidriv			Torq
		Torx®			Torx® tamper proof			Star			Spline
		Hex			Hex tamper proof			Ball hex			Nut
		Square			Square tamper proof			Triangle			TRI-wing
		Bi-hexagon socket			Square drive socket (for adapter)			Needle type bits			5-Lobe star tip

SD-083 ESD Precision Screwdriver



Pro'sKit Precision ESD Safe Screwdrivers are tested in accordance with ESD Association standard; meet the requirements for tools used in static sensitive areas. Surface resistance of handles is $10^7 \sim 10^9 \Omega$

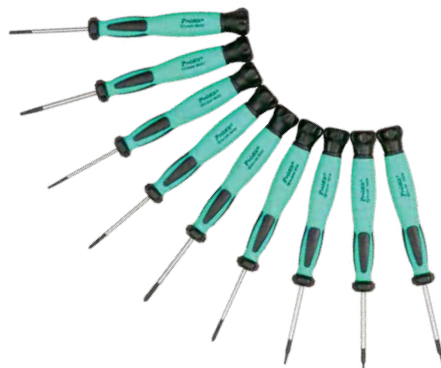


SD-0839 ESD Precision Screwdriver Set



Model No.	Spec	Blade length (inch)
SD-083-S3	⊖	2.0
SD-083-S4	⊖	2.4
SD-083-S5	⊖	3.0
SD-083-P2	⊕	#00
SD-083-P3	⊕	#0
SD-083-P4	⊕	#1
SD-083-T4	⊗	T4
SD-083-T5H	⊗	T5H
SD-083-T6H	⊗	T6H

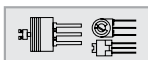
Individual packing: Blister card



Contents	
⊕	SD-083-P2 SD-083-P3 SD-083-P4
⊖	SD-083-S3 SD-083-S4 SD-083-S5
⊗	SD-083-T4
⊗	SD-083-T5H SD-083-T6H

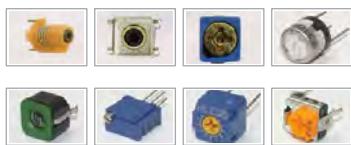
Individual packing: Pouch

Ceramic Driver



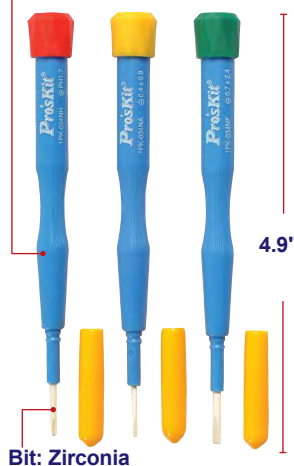
RF coils & trimmers

Handle: ABS



Model No.	Spec.
800-114	⊖ 0.4x0.9mm (0.015"x0.035")
800-115	⊖ 0.4x1.2mm (0.015"x0.047")
800-116	⊖ 0.4x1.4mm (0.015"x0.055")
800-117	⊖ 0.4x1.8mm (0.015"x0.070")
800-118	⊖ 0.4x2.0mm (0.015"x0.078")
800-119	⊖ 0.4x2.4mm (0.015"x0.094")
800-120	⊖ 0.7x2.4mm (0.027"x0.094")
800-121	⊕ PH0
800-122	⊕ PH1.7

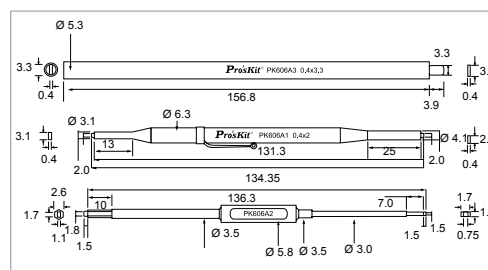
Individual packing: Double blister



800-130 3 PC Anti-Static Alignment Tool Kit



- For protection of sensitive components
- Duplex, trimmer and square/hex tool
- Conductive nylon-avoid high voltage



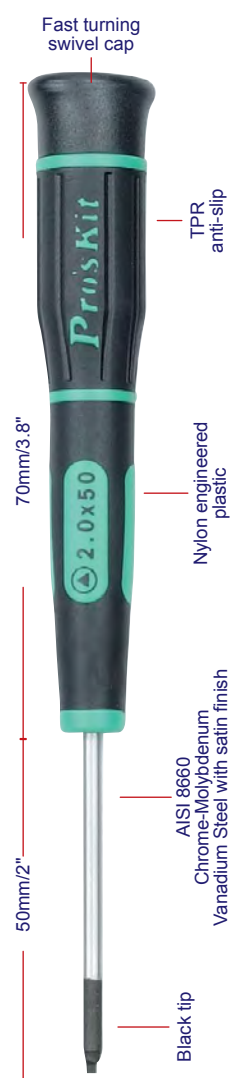
Material	Spec.
Conductive nylon	As sketch

Individual packing: Blister card



Conductive handle resistivity: $10^8 \sim 10^{11}$

SD-081 Series Precision Screwdriver/Nut Driver



Model No.	Spec.	Blade length	Model No.	Spec.	Blade length	Model No.	Spec.	Blade length
SD-081-S1	⊖ 1.0	2"	SD-081-TR11	⊕ #1	2"	SD-081-M3	⊕ M3.0	2.8"
SD-081-S2	⊖ 1.6	2"	SD-081-T1	⊕ T1	2"	SD-081-M3.5	⊕ M3.5	2.8"
SD-081-S3	⊖ 2.0	2"	SD-081-T2	⊕ T2	2"	SD-081-M4	⊕ M4.0	2.8"
SD-081-S4	⊖ 2.4	2"	SD-081-T3	⊕ T3	2"	SD-081-M4.5	⊕ M4.5	2.8"
SD-081-S5	⊖ 3.0	2"	SD-081-T4	⊕ T4	2"	SD-081-M5	⊕ M5	2.8"
SD-081-S6	⊖ 2.4	3"	SD-081-T5	⊕ T5	2"	SD-081-M5.5	⊕ M5.5	2.8"
SD-081-S7	⊖ 3.0	3.9"	SD-081-T6	⊕ T6	2"	SD-081-M6	⊕ M6	2.8"
SD-081-S8	⊖ 4.0	5.9"	SD-081-T7	⊕ T7	2"	SD-081-H1	⊕ 0.7	2"
SD-081-P1	⊕ #000	2"	SD-081-T8	⊕ T8	2"	SD-081-H2	⊕ 0.9	2"
SD-081-P2	⊕ #00	2"	SD-081-T9	⊕ T9	2"	SD-081-H3	⊕ 1.3	2"
SD-081-P3	⊕ #0	2"	SD-081-T10	⊕ T10	2"	SD-081-H4	⊕ 1.5	2"
SD-081-P4	⊕ #1	2"	SD-081-T15	⊕ T15	2"	SD-081-H5	⊕ 2.0	2"
SD-081-P5	⊕ #0	3"	SD-081-T20	⊕ T20	2"	SD-081-H6	⊕ 2.5	2"
SD-081-P6	⊕ #1	3.9"	SD-081-T5H	⊕ T5H	2"	SD-081-H7	⊕ 3.0	2"
SD-081-P7	⊕ #1	5.9"	SD-081-T6H	⊕ T6H	2"	SD-081-Z1	⊕ #000	2"
SD-081-TA20	⊕ 2.0	2"	SD-081-T7H	⊕ T7H	2"	SD-081-Z2	⊕ #00	2"
SD-081-TA23	⊕ 2.3	2"	SD-081-T8H	⊕ T8H	2"	SD-081-Z3	⊕ #0	2"
SD-081-TA27	⊕ 2.7	2"	SD-081-T9H	⊕ T9H	2"	SD-081-Z4	⊕ #1	2"
SD-081-TRI000	⊕ #000	2"	SD-081-T10H	⊕ T10H	2"	SD-081-TS1	⊕ TS1	2"
SD-081-TRI00	⊕ #00	2"	SD-081-T15H	⊕ T15H	2"	SD-081-A1	⊕ A1	2"
SD-081-TRI0	⊕ #0	2"	SD-081-T20H	⊕ T20H	2"	SD-081-A2	⊕ A2	2"

Individual packing: Blister card

SD-081A 7 PC Electronic Set



Contents	
AISI 8660 Cr-Mo-V alloy steel with TPR Handle screwdriver X 7Pcs (OAL:147mm/5.8")	
⊖ 1.6x2", 2.0x2", 2.4x2", 3.0x2"	⊕ #00x2", #0x2", #1x2"
Carrying case: 170x139x23mm/ 6.7"x5.5"x0.91"	

Individual packing: Plastic box + Color box

SD-081G 4 PC TRI-wing Precision Screwdriver Set



Contents
⊕ SD-081-TRI000, SD-081-TRI00 SD-081-TRI0, SD-081-TRI

Individual packing: Blister card



800-129 33 PC Screwdriver Set W/Bits



Contents	
TPR non-slip handle with bits holder	
30pcs 4mm hex x 28mm (1.12"), Material: AISI 8660 Cr-Mo-V steel	
+	PH000, PH00, PH0, PH1
-	SL1.0, SL1.5, SL2.0, SL2.5, SL3.0, SL3.5, SL4.0
T	T4, T5, T6, T7, T8, T9, T10, T15, T20
H	H0.7, H0.9, H1.3, H1.5, H2.0, H2.5, H3.0, H4.0
P	PZ1, PZ0
2 pcs ø4mm/ ø0.16" socket, material: AISI 6150 Cr-V steel	
S	Socket: M5, M6
Carrying Case: 170x139x23mm/ 6.7"x5.5"x0.9"	

Individual packing: Plastic box + Color Label



SD-081E 12 IN 1 Precision Screwdriver Set w/Bit



Contents	
TPR non-slip handle with bits holder	
12pcs 4mm hex x 28mm (1.12"), Material: AISI 8660 Cr-Mo-V steel	
-	SL2.0, 2.5, 3.0, 4.0
+	#000, #00, #0, #1
T	T6, T7, T8, T9
Carrying case: 134x65x25mm/ 5.3"x2.6"x1"	

Individual packing: Plastic box + Color box



SD-9828 58 PC Driver Kit



Ideal for smartphone opening of tablets, notebooks, electronic device cases and most branded video games such as Apple, HTC, Samsung, LG, Nokia, Sony, Sega, Microsoft, Nintendo and more.

Contents	
42 pcs ø4.0x28 mm, material : AISI 8660 Cr-Mo-V steel	
+	#000, #00, #0, #1, #2
-	1.0, 1.3, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0 mm
T	T5H, T6H, T7H, T8H, T9H, T10H, T15H, T20H
T	T3, T4
H	0.7, 0.9, 1.3, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0 mm
A	#0, #1
S	3.0 mm
A	3.0 mm
Pentalobe P2, P5, P6 (iPhone, MacBook Air, MacBook Pro)	
6 pcs ø4.0x30 mm, material : 50BV30 Cr-V steel	
H	2.5, 3.0, 3.5, 4.0, 4.5, 5.0 mm
5 pcs ø1/4"(6.3)x25 mm, material : AISI 6150 Cr-V steel	
+	#2
-	6.0 mm
H	4.5, 5.0, 6.0 mm
2 pcs ø1/4"(6.3)x38mm, material : AISI 6150 Cr-V steel	
Torx plus® socket TS3.8, TS4.5	
1 pc ø4.0mm to ø1/4" adaptor 50 mm	
1 pc ø4.0x125 mm extension bar	
1 pc TPR non-slip handle	

Individual packing :Plastic box+color sleeve

P2, P5, P6 pentalobe tips are special for Apple products.

TS3.8, TS4.5 Torx plus® sockets are for Nintendo, SEGA products.



NEW



SD-9313 30 IN 1 Video Game Screwdriver Set

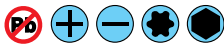


Contents	
19pcs hex bits: 4mm hex x 28mm (1.1"), Material: AISI 8660 Cr-Mo-V steel	
+	#000, #00, #0
-	2.0, 3.0, 5.0mm
T	T5H, T6H, T8H, T10H, T15H, T20H
T	T4
H	H0.7
A	TRI 1, TRI 0, TRI 00
A	1.7, 2.0, 2.3mm
5pcs hex bits: 1/4" x 25mm (1.0"), Material: SAE 6150 Cr-V steel	
-	4.0, 5.0, 6.0mm
+	#1, #2
4pcs Nut & Torx plus socket, Material: SAE 6150 Cr-V steel	
T	TS3.8, TS4.5(L:38mm/1.5")
H	6mm, 8mm (L:36mm/1.4")
3 position ratchet handle: 135mm /5.3"	
ø4mm to ø1/4" adaptor: 45mm /1.8"	
Extension bar: 115mm /4.5"	
Carrying case : 205x126x34mm /8"x5"x1.3"	

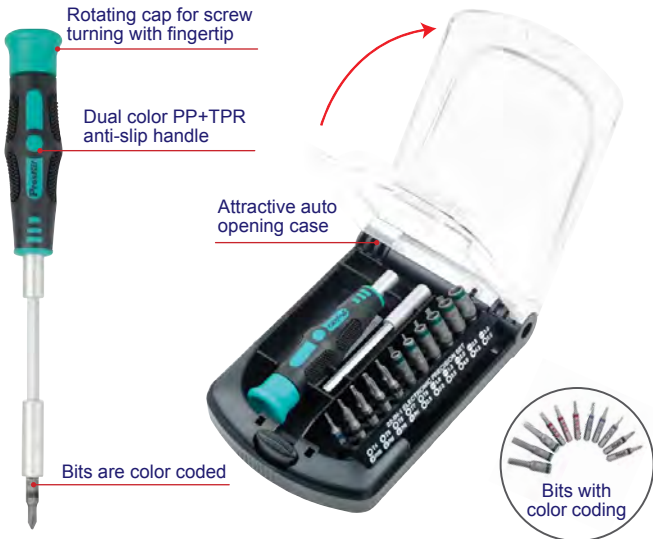
Individual packing: Color box



SD-9315 22 In 1 Precision Screwdriver Set



- With extension bar design, ideal for accessing fasteners in tight areas
- Bits with color-coded for easy identification and management
- Durable compact size storage box for easy bits collection and carrying
- Ideal for mobile phone, PDA, PC & other applications.



Contents		
● 2.5/3.0/3.5/4.0/4.5/5	⊕ PH1/PH0/PH00/PH000	4mm
⊖ 1.0/1.5/2.0/2.5/3.0	⊗ T4/T5/T6/T7/T8	
Extension bar: 4mm x 70mm		1pc Dual color PP+TPR handle
Carrying case: 130x86x29mm/5.1"x3.38"x1.1"		

Individual packing: Blister Card

SD-9316 23 In 1 High Performance Screwdriver Set



- Bits with color-coded for easy identification and management
- Durable compact size storage box for easy bits collection & carrying
- Ideal for mobile phone, PDA, PC & other applications.



Contents		
● H2/H3/H4/H5	⊕ PH1/PH0/PH00	4mm
⊗ T15H/T20H/T25H	⊖ 1.5/2.0/2.5	
⊖ 6/8/10	⊗ T4/T5/T6/T7	
Extension bar: 4mm x 70mm, 1/4" x 70mm		1pc Anodized aluminum alloy handle
Carrying case: 130x86x29mm/5.1"x3.38"x1.1"		

Individual packing: Blister Card

SD-9802 31 IN 1 Precision Electronic Screwdriver Set



- Smooth rotating cap for quick and easy screw/unscrew without lifting from screw
- Ergonomic design with non-slip and dual color TPR handle for operator comfort
- Keyless chuck for easy adjustment of bits holder extension bar



(Storage box size: 212x142x30mm/8.3"x5.6"x1.2")

Contents		
TPR non-slip handle: 115mm/4.5"		
Extension bar :110mm /4.3"		
30pcs hex bits: 4mm hex x 28mm (1.1"), Material: S2 steel		
⊕ PH00, PH0, PH1, PH2	● 0.9, 1.3, 1.5, 2.0, 2.5, 3.0, 4.0mm	
⊗ T4, T5, T6, T7, T8, T10, T15, T20	⊗ 2mm , Pin 1.0mm	
⊖ 1.5, 2, 2.5, 3, 3.5, 4mm	Extension bar: 110mm	
⊗ 3mm, ⊖ 2.6mm, ⊕ 3mm	TPR non-slip handle:115mm/4.5"	
Carrying case: 205x126x34mm / 8"x5"x1.3"		

Individual packing: Double Blister

SD-9804 15 IN 1 Precision Electronic Screwdriver Set



- Ergonomic designs with non-slip and dual color TPR handle for operation comfort.
- 14pcs interchangeable precision bits made of high quality chrome vanadium steel.
- With extension bar design, ideal for accessing fasteners in tight areas



Contents		
TPR non-slip handle: 110mm		Extension bar:110mm
14pcs hex bits:ø4 x 28mm, Material: AISI 6150 Cr-V steel		
⊕ #000, #00, #0, #1	⊖ 1.5, 2.0, 2.5, 3.0, 4.0mm	⊗ T5, T6, T7, T8, T9
Carry case: 147x95x24mm/5.8"x3.7"x0.9"		

Individual packing: Blister card

SD-3502 6 PC Star Screwdriver Set



NEW



Contents	Blade length (mm/inch)
T4	20 mm/0.78"
T5H, T6H, T7H, T8H, T9H	20 mm/0.78"

Carrying case: 121x93x18mm

Individual packing: Plastic box+Color box

800-149 Screwdriver Set



- Rotating cap for fast screw.
- ABS non-slip handle for use comfort.



Contents	Blade length (mm/inch)
#0, #00, #1	20 mm/0.78"
2.0, 2.4, 3.0	20 mm/0.78"

Individual packing: Color box

800-150 Screwdriver Set



- Rotating cap for fast screw.
- ABS non-slip handle for use comfort.



Contents	Blade length (mm/inch)
T5H, T6H, T7H, T10H, T15H, T20H	20 mm/0.78"

Individual packing: Color box

800-007 6 PC Precision Screwdriver Set



Contents	Blade length (mm/inch)
#0 (Ø 2.4)	75/3.0
#1 (Ø 3.0)	100/3.9
#1 (Ø 3.8)	150/5.9
2.4mm	75/3.0
3.0mm	100/3.9
3.8mm	150/5.9

Individual packing: Blister card

800-009 6 PC Precision Screwdriver Set



Contents	Blade length (mm/inch)
#000	40/1.6
#00	75/3.0
#0	75/3.0
0.08	40/1.6
0.10"	75/3.0
0.12"	75/3.0

Individual packing: Plastic box + Color label

800-077 6 PC Electronic Screwdriver Set With Cutter



Contents	Blade length (mm/inch)
#1	150/5.9
#0	100/3.9
#0 (Ø 2)	75/3.0
2.4mm	75/3.0
3.0mm	100/3.9
4.0mm	150/5.9
3.5" Stainless micro cutting plier	

Individual packing: Plastic box + Color label

MS-3209 3 In 1 F Type Install/Remove Tool

- Installs and removes F-Type connectors
- Handle contains male F-Type holder
- Flaring function, to make shield braid flared & enlarge space between shield & insulation

NEW



Body	Handle	OAL(mm/Inch)
Carbon steel w/ nickel plated	PVC	188/7.4"

800-072/800-079 CATV Install/Extract Tool

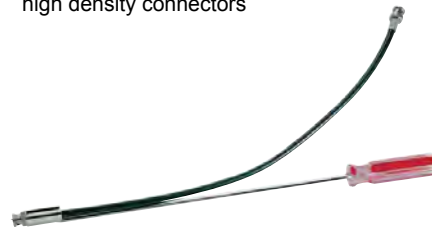
- Installs and removes F-Type connectors in hard to reach places
- Handle contains male F-Type holder



Model No.	Material	Handle	HRC	O.A.L (mm/inch)	Individual packing
800-072	Cr-V	PVC	45°±3°	300mm/12"	Polybag+header card
800-079	Cr-V	PVC	45°±3°	150mm/6"	Polybag+header card
800-049	Cr-V	PVC	45°±3°	200mm/8"	Polybag+header card
800-050	Cr-V	PVC	45°±3°	300mm/12"	Polybag+header card

800-049/800-050 BNC Connector Insertion/Removal Tool

- Provides easy access to difficult to reach, high density connectors



▶ SD-9810A-BC 10 in 1 Auto Loading Ratchet Screwdriver Set



- Precision screwdriver features 3 ways gearless ratchet with twist reverse for efficient operation.
- Pump-action design for easily and quickly auto-loading bits exchange.
- Ergonomically non-slip handle provides user comfort
- Rotatable marked barrel for 6pcs bits pre-loading and storage.
- Includes ten high quality AISI 8660 Cr-Mo-V alloy steel bits with satin finish.



Individual packing

Contents	
10 pcs 4mm Hex screwdriver bits	
⊖	1.5, 2.0, 3.0
⊕	#00, #0, #1
⊗	T5, T6, T8, T10



OAL:170mm/6.7"



▶ 800-092/800-092-50 4-In-1 Screwdriver Set

- ⊖ ⊕ ⊗
- Two double-ended, reversible tips
- Material: Blade: AISI 6150 Cr-V steel
- HRC: 52°±3°
- Handle: ABS



Offered in 50PC in a display pack and blister pack (individually)

Model No.	Individual packing	Contents	O.A.L (mm/inch)
800-092	Single pc	⊖ 1/16", 1/8" ⊕ #00, #0	131/5.2"
800-092-50	50 pcs display pack	Display box: 213x123x144mm/8.4"x4.8"x5.7"	

▶ SD-804/SD-804-1 5-In-1 Screwdriver With LED Flashlight

- ⊖ ⊕ ⊗ LED light
- Two double-ended, reversible tips
- Material: Blade: AISI 6150 Cr-V steel
- HRC: 52°±3°
- Handle: ABS



Offered by 50PCS in a display - box

Model No.	Individual packing	Contents	O.A.L (mm/inch)
SD-804	50 pcs display pack	⊖ 1/16", 1/8" ⊕ #00, #0	135/5.3"
SD-804-1	Blister card	Display box: 213x123x144mm/8.4"x4.8"x5.7"	

▶ 800-040 Double-ended Screwdriver

- ⊖ ⊕ ⊗
- Pocket clip
- Straight blade on long end
- Phillips on short end

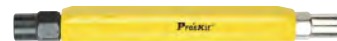


Contents	
⊖	3mm
⊕	#0

Individual packing: Hanger

▶ 900-055 Double End Socket Can Wrench

- ⊗ ⊕
- Used to place fuses in cable terminals and connect wires to fuses and binding posts.
- 3/8" & 7/16" hex double end. Plastic handle.



Material	Handle	HRC	O.A.L (mm/inch)	Individual packing
S45C	Plastic	45°±3°	180/7.1	Blister card

Pro-Soft Handle Series Screwdrivers



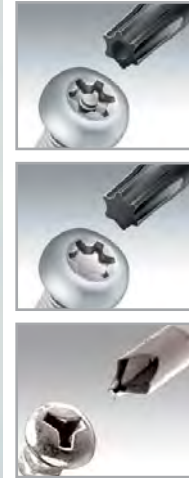
Molded propylene handle

High grade chrome vanadium steel

Satin finish and black oxide tip



Special inlaid blade insert; safe and durable



Molded propylene handle

High grade chrome vanadium steel

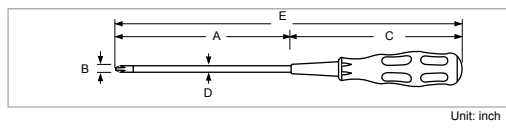
Satin finish and black oxide tip

Model No.	A	B(mm)	C	D	E
800-001	3	3.2	3.3	1/8	6.3
800-003	3	5.0	4.3	3/16	7.3
800-010	4	3.2	3.3	1/8	7.3
800-012	6	3.2	3.3	1/8	9.3
800-005	2.3	6.0	6.0	1/4	8.3
800-014	4	5.0	4.3	3/16	8.3
800-020	10	5.0	4.3	3/16	14.3
800-022	4.3	6.0	6.0	1/4	10.3
800-024	6.3	6.0	6.0	1/4	12.3
800-018	8	5.0	4.3	3/16	12.3
800-016	6	5.0	4.3	3/16	10.3
800-026	8.3	6.0	6.0	1/4	14.3

Individual packing: Hanger

Model No.	A	B	C	D	E
800-002	3	#0	3.3	1/8	6.3
800-004	3	#1	4.3	3/16	7.3
800-011	4	#0	3.3	1/8	7.3
800-013	6	#0	3.3	1/8	9.3
800-006	2.3	#2	6.0	1/4	8.3
800-015	4	#1	4.3	3/16	8.3
800-021	10	#1	4.3	3/16	14.3
800-023	4.3	#2	6.0	1/4	10.3
800-025	6.3	#2	6.0	1/4	12.3
800-019	8	#1	4.3	3/16	12.3
800-017	6	#1	4.3	3/16	10.3
800-027	8.3	#2	6.0	1/4	14.3

Individual packing: Hanger



Star-Tip with Tamper-proof holes (Larger sizes)

Model No.	A	B	C	D	E
800-032	2	T5	3.3	5/32	5.3
800-033	2	T6	3.3	5/32	5.3
800-034	2	T7	3.3	5/32	5.3
800-035	3	T8	3.3	5/32	6.3
800-036	3	T9	3.3	5/32	6.3
800-037	3	T10	3.3	5/32	6.3
800-038	3	T15	3.3	5/32	6.3
800-043	2	T7H	3.3	5/32	6.3
800-044	3	T8H	3.3	5/32	6.3
800-045	3	T9H	3.3	5/32	6.3
800-046	3	T10H	3.3	5/32	6.3
800-047	3	T15H	3.3	5/32	6.3

Individual packing: Hanger

Tri-wing Type Screwdriver

Model No.	A	B	C	D	E
800-123	2	TRI	3.3	1/8	5.3

Individual packing: Blister card

SW-2125H 5 PC Star Screwdriver Set



Contents
T05H, T06H, T07H, T08H, T09H

Individual packing: Blister card

800-030 11 PC Star Screwdriver Set



Contents
T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40
Carrying case: 310x230x50 mm
12.2"x9.1"x2"

Individual packing: Inner box + Color label shrink

Ergonomic Cushion Grip Series Screwdrivers/Nut Drivers



Meets the DIN, ISO and ANSI standards.

- Ergonomic and soft cushion handle fits your hand and provides best comfort and firm grip for users.
- Acetate and TPV materials of handle provide nonslip and resistance to chemical, oil and most solvents.
- The blade of screwdriver is made of special high quality SVCM alloy steel, nut driver is made by CR-V, through-hardened with satin chrome or chrome plating.
- Blade tip ensures a perfect fit in every screw head.
- The screw symbol and tip size marking is on the handle end, easy to find the right screwdriver for the job.



NEW

Ergonomic and soft cushion handle



SVCN Alloy steel

Black tip



The screw symbol and tip size marking is on the handle end

— SLOTTED CREWDRIVER

Model No.	SIZE	OAL (inch)
800-097	3/16" X3"	6.69
800-099	3/16" X4"	7.68
800-095	3/16" X 6"	9.65
800-093	1/4" X4"	8.27
800-152	1/4" X 6"	10.24
800-153	1/4" X8"	12.20
800-154	1/4" X10"	14.17
800-101	1/4" X1-1/2"	3.62

+ PHILLIPS SCREWDRIVER

Model No.	SIZE	OAL (inch)
800-098	#1 X 3"	6.69
800-100	#1 X 4"	7.68
800-094	#2 X 4"	8.27
800-103	#2 X 6"	10.24
800-096	#2 X8"	12.20
800-104	#2 X10"	14.17
800-102	#2 X 1-1/2"	3.62

★ STAR TIP SCREWDRIVER

Model No.	SIZE	OAL (inch)
800-109	T15 X 4"	7.68
800-110	T20 X 4"	7.68
800-111	T25 X 4"	8.27
800-112	T27 X 4"	8.27
800-113	T30 X 4"	8.27

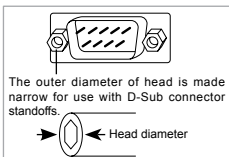
■ SQUARE SCREWDRIVER

Model No.	SIZE	OAL (inch)
800-105	S0 X4"	8.27
800-106	S1 X 4"	8.27
800-107	S2 X 4"	8.27
800-108	S3 X 4"	8.27

● HOLLOW-SHAFT NUT DRIVER

Model No.	SIZE	OAL (inch)
902-231	3/16" X 3"	7.28
902-232	1/4" X 3"	7.28
902-233	5/16" X 3"	7.28
902-234	11/32" X 3"	7.28
902-235	3/8" X 3"	7.28
902-236	7/16" X 3"	7.28
902-237	1/2" X 3"	7.87

1PK-9402 7 PC Electronic Hex Nut Driver Set



The outer diameter of head is made narrow for use with D-Sub connector standoffs.

← Head diameter



Contents

M3, M3.5, M4, M4.5, M5, M5.5, M6

Individual packing: Pouch

8PK-2066 Interchangeable Screwdriver Set (7 PC)



- Shock proof cellulose acetate plastic handle with circuit testing lamp.
- Range: AC 100~250V.

Contents	
Circuit testing handle, length: 120mm	
6 Pcs bits, length: 125mm material: AISI 6150 Cr-V Alloy steel	
—	3x130
+	5x130
+	No. 1x130
+	No. 2x130
●	5.5x130
▲	AWLx130

Individual packing: Plastic box+Color label



1000V Insulated VDE Screwdrivers and Insulated VDE Nut Driver



- Certified to IEC 60900: 2004, VDE, and DIN 1000V safety standards and bear the GS sign.
- High visibility molded ergonomic cushion grip handles for maximum comfort.
- The insulation of the handle is molded directly onto the blade for permanent bonding.



High visibility molded ergonomic cushion grip handles

Heavy insulated shank

AISI 8660 Cr-Mo-V alloy steel
HRC: 55'±2'

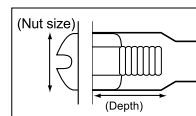


Dual color PP + TPR ergonomic cushion grip handles

Heavy insulated shank

Heavy duty deep head blade

Model No.	Spec.	Blade length (mm/inch)
902-212	⊖ 0.4x2.5mm	75/3
SD-800-S3.0	⊖ 0.5x3.0mm	100/4
902-214	⊖ 0.8x4.0mm	100/4
SD-800-S5.5	⊖ 1.0x5.5mm	125/5
902-216	⊖ 1.2x6.5mm	150/6
902-217	⊖ 1.2x8.0mm	175/7
902-209	⊕ PH0	60/2.4
902-210	⊕ PH1	80/3.2
902-211	⊕ PH2	100/4
902-220	⊕ PH3	150/6



Model No.	Nut size (mm) & depth (mm)	Blade length (mm/inch)
SD-800-I8	⊖ 1/4" x 1"	125/4.9
SD-800-I9	⊖ 5/16" x 1"	125/4.9
SD-800-I11	⊖ 3/8" x 1"	125/4.9

Individual packing: Double blister card

902-213 Insulated Screwdrivers Set



- 7 piece set. VDE safety screwdriver set with Cr-Mo-V alloy.
- Steel AISI: 8660 blade.
- This essential kit is a must when working with electrical items.
- Supplied in a case.

Contents
S2.5, S3.0, S5.5, S6.5,
Carrying case : 310x230x50mm 12.2"x9.1"x2.0"

Individual packing:
Inner box+Color label shrink

902-215 8 PC 1000V Insulated Screwdriver & Plier Set



Contents	
⊖	0.4x2.5x75mm (3")
⊖	0.5x3.0x100mm (4")
⊖	1.0x5.5x125mm (5")
⊕	PH1x80mm (3.1")
⊕	PH2x100mm (4")
	6.3" Insulated wire stripping plier
	6.3" Insulated side cutter
	6.3" Insulated long nose plier
	Zippered carrying bag

- Case size: 255x175x50/10.0x6.9x2.0 (mm/inch)
- Individual packing: Inner box & Color label shrink

902-218 11 PC 1000V Insulated Plier & Screwdriver Set



Contents	
⊖	0.4x2.5x75mm (3")
⊖	0.8x4.0x100mm (4")
⊖	1.0x5.5x125mm (5")
⊖	1.2x6.5x150mm (6")
⊕	PH0x60mm (2.4")
⊕	PH1x80mm (3.1")
⊕	PH2x100mm (4")
	7.9" Insulated combination plier
	6.3" Insulated side cutter
	7.9" Insulated long nose plier
	6.3" Insulated long nose plier
	Zippered carrying bag

- Case size: 294x240x50 / 11.6x9.4x2.0(mm/inch)
- Individual packing: Inner box & Color label shrink

902-099 6 PC Insulated Precision Screwdriver Set



- Provides shock protection to 1000V AC
- Meet VDE standards for safety to 1000V AC
- Comes complete with a plastic storage case
- Material (Blade): Cr-Mo

Contents	O.A.L.(mm/inch)
⊖ 0.4x2.0x65mm(2.6")	165/6.5"
⊖ 0.23x1.5x65mm(2.6")	165/6.5"
⊖ 0.4x2.5x65mm(2.6")	165/6.5"
⊕ PH00x65mm(2.6")	165/6.5"
⊕ PH0x65mm(2.6")	165/6.5"
⊕ PH1x65mm(2.6")	165/6.5"
Carrying case : 195x184x28mm/ 7.7"x7.2"x1.1"	

Individual packing: Shrink



SD-2404 4PC Security Screwdriver Set



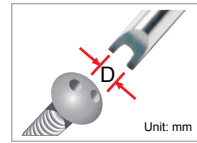
Fast turning swivel cap for easy operation

Dual color TPR and PP non-slip handle

Made of AISI 8660 Cr-Mo-V steel with Cr plating for antirust HRC:55 ±2



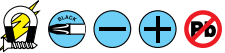
- Made of Cr-Mo-V steel with chromium (Cr) plating for anti-rust
- Special inlayed blade molded into dual color TPR and PP non-slip handle provides high torque and user comfort.
- Fast turning swivel cap for easy operation.



Contents		
4pcs Security Screwdriver Set.		
D	O.A.L.(mm/inch)	
⊖ 1.5mm	165/6.5"	
⊖ 2.3mm	165/6.5"	
⊖ 2.5mm	165/6.5"	
⊖ 3.1mm	165/6.5"	

Individual packing: Blister card

Go Through Series Screwdrivers



Steel Cap
Elastomeric resin, double structure, Non-slip.

Ergonomically designed handle provides comfort and power
Black: TPR
Orange: PP

Hex shaft increases extra torque.

High grade AISI 6150 Cr-V steel hex blade
HRC: 52 ± 2°

Black oxide magnetic tip for greater fastener control



The hex shaft and bolster fit any brand of wrench which can loosen tight screws easily.

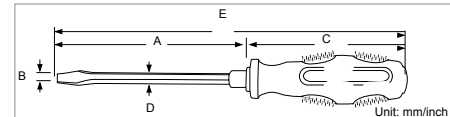


The steel cap withstands hammer blows

- "Go-Through" construction provides greater striking force than traditional cap end.
- The hex shaft and bolster fit any brand of wrench which can loosen tight screws easily.
- Black oxide magnetic tip for greater fastener control and guarantees a perfect fit every time.



Toughest Ergonomic More turning power



Individual packing: Hanger

Model No.	A (mm/inch)	B	C (mm/inch)	D (mm/inch)	E (mm/inch)
SD-7213A	150/5.9	⊖ 6.0mm	109/4.3	6/0.23	259/10.2
SD-7213B	150/5.9	⊕ #2	109/4.3	6/0.23	259/10.2
SD-7222A	150/5.9	⊖ 8.0mm	121/4.8	8/0.31	271/10.7
SD-7222B	150/5.9	⊕ #3	121/4.8	8/0.31	271/10.7

902-096/902-097 Pro-soft Screwdriver Set



Elastomer resin fitting exactly and double structure. Non-slip.



Model No.	Contents	
902-096	⊖ 3.0x75mm(3"), ⊖ 5x75mm (3"), ⊖ 6x100mm (4")	⊕ #0x75mm(3"), ⊕ #1x75mm(3"), ⊕ #2x100mm(4")
902-097	⊕ T5HX50mm(2"), ⊕ T6HX50mm(2"), ⊕ T7HX50mm(2"), ⊕ T8HX50mm(2")	⊕ T9HX50mm(2"), ⊕ T10HX75mm(3"), ⊕ T15HX75mm(3")

Individual packing: Color box

800-028/800-029 Stubby Screwdrivers



New design fits your hand shape, provides comfortable and powerful grip.

High grade chrome-molybdenum vanadium steel.



Model No.	Contents
800-028	⊖ 6.0x40mm (1.6")
800-029	⊕ #2x40mm (1.6")

Exact fit to screws and high accuracy hardened finish.

SD-9817 6 In 1 Ratchet Screwdriver Set

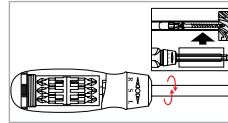


- Pivoting head locks in 3 operating positions allowing better control & access to confined areas.
- Ergonomic dual color TPR+PP handle with bits storage inside.
- Magnetized hex opening holds all standard driver bits, and allows quick removal and replacement.
- 3 position ratchet features forward, reverse and locked.



Contents	
6 pcs 1/4" Bits:	
⊖ 4,5,6mm	⊕ #1, #2, #3
1pcs 3-way ratchet screwdriver handle	
Individual packing: Blister card	

8PK-SD010 12-In-1 Ratchet Screwdriver Set



Contents	
Dual color TPR non-slip ratchet handle	
12pcs ø1/4"x30mm bits:	
⊖ T6, T7, T8, T9, T10, T15	⊕ #0, #1, #2
⊖ 3, 4.7, 6.3	

Individual packing: Blister card



SD-2313 30 PC Do-It-All Kit



- Triangle magnetic bits storage case with a hanger.
- Magnetic extension handle.
- Compact and versatile set of bits.



Magnetic storage case

Triangle bits case



Bits	
TPR non-slip handle with bits holder 0Pcs hex bits: ø1/4" x 25mm/1", Material: SAE 6150 Cr-V steel	
⊖	SQ1, SQ2
⊕	#0, #1, #2, #3
⊕	PZ0, PZ1, PZ2, PZ3
⊖	SL3.5, 4.5, 5.5, 6, 8mm
⊕	HX2, 2.5, 3, 4, 5, 6, 8
⊖	T5, T6, T7, T8, T10, T15, T20, T35

Individual packing: Hanger

800-080 6 In 1 Magnetic Quick Change Screwdriver



- Industrial quality with maximum versatility.
- Shock proof T.P.R + P.P. and S2 alloy steel bit.
- O.A.L: 200mm/7.9"



Flash interchangeable

Double ended socket



Contents	
Dual color TPR non-slip handle 125mm/4.9"	
3pcs double end bits and socket:	
⊖	8mm socket x115mm/4.5"
⊖	6mm socket x115mm/4.5"
⊖	3/16", 1/4" x75mm/3.0"
⊕	#1, #2 x75mm/3.0"

Individual packing: Blister card



800-041/800-042 Pocket Clip Screwdriver



800-041

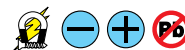


800-042

Model No.	Spec.
800-041	⊖ 3x135mm (5.31")
800-042	⊕ #0x135mm (5.31")

Individual packing: Hanger

800-148 Double-end Reversible Screwdriver



1/4"



Material	HRC	Handle (mm/inch)	Blade (mm/inch)	Working length (mm/inch)
AISI 6150	48°±3°	108/4.3	125/4.9	100/39"

Individual packing: Blister card

▶ 800-068 Twin Wrench Driver Set



Contents	
Both end handle 110mm/4.3"	
10pcs 4mm hex x30mm/1.2" AISI 6150 Cr-V steel bits:	
⊖ 4, 5, 6	⊕ PZ1, PZ2
⊕ #1, #2	⊖ T10, T15, T20



Tips at both ends for horizontal & vertical use.

Individual packing: Blister card

▶ 800-076 Flexible Ratchet Driver Set



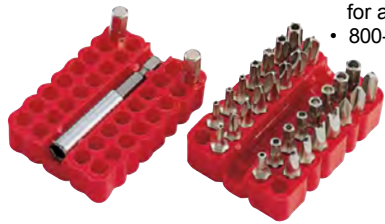
Contents	
10pcs ø1/4"x30mm/1.2" AISI 6150 Cr-V steel bits:	
⊖ 4, 5, 6	⊕ PZ1, PZ2
⊕ #1, #2	⊖ T10, T15, T20



Flexible shaft gets into hard to reach areas.

Flexible shaft (190mm/7.5"), Mini ratchet handle
Individual packing: Blister card

▶ 800-048/800-048E 33 PC Security Bit Set



- Available in lower quality SAE 6150 CR-V steel for a lower price-part#: 800-048E
- 800-048 Material: S2 alloy steel bits

Spec.	Spec.	Contents
⊖ 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 1/4"	⊖ 4, 6, 8, 10	1/4" Magnetic extension bar 60mm/2.4"
	⊕ 6, 8, 10	
⊖ T8H, T10H, T15H, T20H, T25H, T27H, T30H, T35H, T40H	⊕ 1, 2, 3, 4	32pcs 1/4" hex x30mm(1.2") bits
	⊖ 1, 2, 3, 4	

Individual packing: Blister card

▶ 900-194 23 PC 1/4" Drive Socket Set



▶ 902-069 Twin Wrench Driver Set



Contents	
Both end handle 110mm/4.3"	
8pcs ø1/4"x30mm/1.2" AISI 6150 Cr-V steel bits:	
⊖ T6	⊖ T8H, T10H, T15H, T20H, T25H, T27H, T30H
2pcs ø1/4"x37mm/1.5" AISI 6150 Cr-V steel double end bits:	
⊕ #1 - ⊖ 4.5	⊕ #2 - ⊖ 6.0



Tips at both ends for horizontal & vertical use.

Individual packing: Blister card

▶ 800-078 17 PC Offset Ratchet & Socket Drivers Set



2-way ratchet design for forward and reverse rotation.

Contents			
1pcs 2-way ratchet handle, 6pcs sockets(ø1/4" x 25mm/1", AISI 6150 Cr-V):			
⊖ 3/8", 11/32", 5/16", 1/4", 7/32", 3/16" (Inch size)			
10pcs bits(ø1/4" x30mm/1.2", AISI 6150 Cr-V):			
⊖ 4, 5, 6mm	⊕ #1, #2	⊕ PZ1, PZ2	⊖ T10, T15, T20

Individual packing: Blister card

▶ 800-039 20 in 1 Screwdriver With Telescoping Pick-Up Tool



- (A) Regular screwdriver with 13 pcs. screw bits 5 pcs. sockets and 1 pcs socket adaptor fits all kinds of job.
- (B) Telescoping magnetic pick-up tool (up to 17-1/2" long/440mm) stored inside the tube pulling out to pick up small metal objects.



Individual packing
Blister card

Magnetic pick-up: 250g(Max.)

▶ SD-2318M 27 PC 1/4" Drive Socket & Screwdriver Set



Sockets meet DIN standard

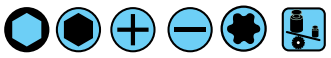


- 72 teeth 2-way ratchet stainless steel handle for easy rotating operation
- Mini size gets into smaller and tighter spots easily
- Bits come with color ring for easy specification identification
- Covers most common use bits and sockets
- EVA tray complied with RoHS standard
- Compact box with hanger design for easy carrying and storage



Contents	
5pcs 1/4" Drive socket:	6, 7, 8, 10, 12mm
18pcs 1/4" Bits:	⊖ 3.0, 4.0, 5.0, 6.0mm, ⊕ #1, #2, #3, ⚙ H3.0, H4.0, H5.0, H6.0 ⊕ PZ1, PZ2, PZ3, ⚙ T10, T15, T20, T25
Magnetic Bit Adaptor: 60mm(L) / 2.4"	
1pcs 1/4" Hex(male) to 1/4" socket(male) adaptor, 1/4" square drive(female) to 1/4" hex bit holder, 1/4" 72 Teeth stainless reversible ratchet handle	
Carrying case: 84x39.5x129mm/3.3"x1.6"x5.1"	
Individual packing: Blister card	

▶ SD-2319M 22 PC Palm Ratchet Wrench Bit & Socket Set



- Faster than a ratcheting wrench, the palm ratchet for easy operate in limited areas.
- Combine with ergonomic aluminum handles provides maximum speed and torque
- Compact size, durable plastic box for easy carrying and storage
- Covering most common use bits and sockets to meet most applications



Aluminum handles provides maximum speed and torque
The palm ratchet for easy operate in limited areas

Contents	
5pcs 1/4" Drive socket:	⚙ 5, 6, 7, 8, 10mm
14pcs 1/4" Bits:	⊖ 3.0, 4.0, 6.0mm, ⊕ #1, #2, #3, ⚙ T10, T15, T20, ⚙ H2.5, H3.0, H4.0, H5.0, H6.0
1/4" Hex(male) to 1/4" socket(male) adaptor	Extension handle for palm ratchet
1/4" Drive aluminum palm ratchet	Carrying case 126x82x30mm/5.0"x3.2"x1.2"
Individual packing: Blister card	

▶ 800-081 62 PC Security Bit Set



Materials: SAE 6150 Cr-V Steel
Light weight design: 575g



Contents		
⚙ M5, M6, M8	⊖ C1, C2, C3	⊕ 6, 8, 10
⊖ 1/8", 3/16"	⚙ TA2.0	⊖ 4, 6, 8, 10, 12
⚙ S0, S1, S2, S3	⚙ 1, 2, 3, 4, 5	⊕ PZ0, PZ1, PZ2
⊕ #0, #1, #2	⊖ Wing nut driver	
⚙ T-5H, T-6H, T-7H, T-8H, T-9H, T-10H, T-15H, T-20H, T-25H, T-27H, T-30H, T-40H		
⚙ 2, 2.5, 3, 4, 5, 6, 8mm, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"		
1 pc socket adapter	1 pc 1/4" x 60mm(2.36") magnetic bits holder	
1 pc bits holder socket	1 pc ratchet screwdriver (190mm/7.5")	

Case: 256x80x43mm/10.1"x3.1"x1.7" Individual packing: Shrink packing

▶ SD-2310 100 PC Assorted Power Bits Set



Materials: SAE 6150 Cr-V Steel
Light weight design: 699g



Contents		
⊕ PH1, PH2	⊕ PH0, PH1, PH2, PH3	
⊖ C1, C2, C3	⚙ S0, S1, S2, S3	
⚙ 1, 2, 3, 4, 5	⊕ 6, 8, 10	
⊕ PZ0, PZ1, PZ2, PZ3	⚙ TA2.0	
⚙ M5, M6, M8	⊖ 2, 3, 5mm	
⊖ 4, 6, 8, 10, 12	⊖ Wing nut driver	
⚙ 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"		
⚙ 2, 3, 4, 5, 6, 7, 8mm, 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"		
⚙ T5H, T6H, T8H, T10H, T15H, T20H, T25H, T27H, T30H, T35H, T40H		
⚙ T5, T6, T8, T10, T15, T20, T25, T27, T30, T40		
1 pc sockets adapter, 1 pc bits holder, 1 pc dry wall stopper, 1 pc magnetic bit holder		

Individual packing: Color sleeve + Shrink pack

1/4 Inch Hex High Quality Bits

1/4 Inch Hex High Quality Bits

- High quality bits at an economical price
- Made from S-2 tool steel with a hardness of HRC 59~61°



1/4" INCH HEX HIGH QUALITY BITS

▶ Phillips Bits (1/4" Hex drive insert bits)



PART NO.	A	B
PH0X1-15/16	#0	1-15/16"
PH1X1-15/16	#1	1-15/16"
PH2X1-15/16	#2	1-15/16"
PH3X1-15/16	#3	1-15/16"

▶ Phillips Bits (1/4" Hex drive insert bits)



PART NO.	A	B
PH0X1	#0	1"
PH1X1	#1	1"
PH2X1	#2	1"
PH3X1	#3	1"

▶ Slotted Bits (1/4" Hex drive insert bits)



PART NO.	A	B
SL12X1-15/16	1-2	1-15/16"
SL23X1-15/16	2-3	1-15/16"
SL34X1-15/16	3-4	1-15/16"
SL45X1-15/16	4-5	1-15/16"
SL56X1-15/16	5-6	1-15/16"
SL68X1-15/16	6-8	1-15/16"
SL810X1-15/16	8-10	1-15/16"
SL1012X1-15/16	10-12	1-15/16"
SL1214X1-15/16	12-14	1-15/16"

▶ Pozidrive Bits (1/4" Hex drive insert bits)



PART NO.	A	B
PZ0X1-15/16	0	1-15/16"
PZ1X1-15/16	1	1-15/16"
PZ2X1-15/16	2	1-15/16"
PZ3X1-15/16	3	1-15/16"
PZ4X1-15/16	4	1-15/16"

▶ Star-Tip Bits (1/4" Hex drive insert bits)



PART NO.	A	B
T5X1	T-5	1"
T6X1	T-6	1"
T7X1	T-7	1"
T8X1	T-8	1"
T9X1	T-9	1"
T10X1	T-10	1"
T15X1	T-15	1"
T20X1	T-20	1"
T25X1	T-25	1"
T27X1	T-27	1"
T30X1	T-30	1"

▶ Star-Tip Bits (1/4" Hex drive insert bits)



PART NO.	A	B
T5X1-15/16	T-5	1-15/16"
T6X1-15/16	T-6	1-15/16"
T7X1-15/16	T-7	1-15/16"
T8X1-15/16	T-8	1-15/16"
T9X1-15/16	T-9	1-15/16"
T10X1-15/16	T-10	1-15/16"
T15X1-15/16	T-15	1-15/16"
T20X1-15/16	T-20	1-15/16"
T25X1-15/16	T-25	1-15/16"
T27X1-15/16	T-27	1-15/16"
T30X1-15/16	T-30	1-15/16"

▶ Tamper Resistant Star-Tip Bits



PART NO.	A	B
T7HX1	T-7H	1"
T8HX1	T-8H	1"
T9HX1	T-9H	1"
T10HX1	T-10H	1"
T15HX1	T-15H	1"
T20HX1	T-20H	1"
T25HX1	T-25H	1"
T27HX1	T-27H	1"
T30HX1	T-30H	1"

▶ Tamper Resistant Star-Tip Bits



PART NO.	A	B
T7HX1-15/16	T-7H	1-15/16"
T8HX1-15/16	T-8H	1-15/16"
T9HX1-15/16	T-9H	1-15/16"
T10HX1-15/16	T-10H	1-15/16"
T15HX1-15/16	T-15H	1-15/16"
T20HX1-15/16	T-20H	1-15/16"
T27HX1-15/16	T-27H	1-15/16"
T30HX1-15/16	T-30H	1-15/16"

▶ Special Penta-lobe Security Star Tip



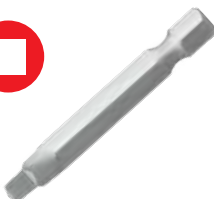
PART NO.	A	B
TS10HX1	TS10H	1"
TS15HX1	TS15H	1"
TS20HX1	TS20H	1"

▶ Spanner Security Bits



PART NO.	A	B
SSP4X1	#4	1"
SSP6X1	#6	1"
SSP8X1	#8	1"
SSP10X1	#10	1"
SSP12X1	#12	1"

▶ Robertson Bits



PART NO.	A	B
S1X1-15/16	2.5mm	1-15/16"
S2X1-15/16	3mm	1-15/16"
S3X1-15/16	3.5mm	1-15/16"
S4X1-15/16	4mm	1-15/16"

▶ Robertson Bits



PART NO.	A	B
S1X1	2.5mm	1"
S2X1	3mm	1"
S3X1	3.5mm	1"
S4X1	4mm	1"

For Distributors/Retailers

Power Bits with Spinner Rack

- Quality power bits that customers will want to have on hand
- Excellent price point and variety encourages multiple purchases
- Eye catching packaging



PART NO. BITASST1:

Display Contains 1/4" Hex Assortment

3 EACH:		
902-373	4 PC	Flat Blade, 1-15/16": 1-2, 3-4, 5-6, 8-10 mm
902-374	4 PC	Star-Tip 1": T5, T10, T20, T30
902-375	4 PC	Star-Tip 1-15/16": T5, T10, T20, T30
902-376	4 PC	Tamper Proof Star-Tip 1": T7H, T10H, T20H, T30H
902-377	4 PC	Tamper Proof Star-Tip: T10H, T15H, T20H, T30H
902-379	11 PC	Jumbo Star-Tip 1-15/16": T5, T6, T7, T8, T9, T10, T15, T20, T25, T27, T30
902-380	4 PC	Spanner Security Bits 4, 6, 8, 10
902-381	8 PC	Pozidrive 1-15/16": 0, 1, 2, 3, 4 & Tamper Proof Penta-lobe Star-Tip
6 EACH:		
902-372	4 PC	Phillips 1": 0, 1, 2, 3
902-378	12 PC	Jumbo Pack 1-15/16": Phillips 0, 1, 2, 3, Flat Blade 1-2, 3-4, 6-8, 10-12 mm, Star-Tip T10, T20, T25, T30

Rotating Display
21" H x 12" Diameter



BITASST1
Reorder complete rack refills.
Use part no. **BITASST2** or individually as needed.

1/4" INCH HEX HIGH QUALITY BITS

Hex Head Bits (1/4" Hex drive insert bits)

PART NO.	S.A.E.	
	A	B
HX1/16X1	1/16"	1"
HX5/64X1	5/64"	1"
HX3/32X1	3/32"	1"
HX7/64X1	7/64"	1"
HX1/8X1	1/8"	1"
HX9/64X1	9/64"	1"
HX5/32X1	5/32"	1"
HX3/16X1	3/16"	1"
HX7/32X1	7/32"	1"
HX1/4X1	1/4"	1"



Hex Head Bits (1/4" Hex drive insert bits)

PART NO.	S.A.E.	
	A	B
HX1/16X1-15/16	1/16"	1-15/16"
HX5/64X1-15/16	5/64"	1-15/16"
HX3/32X1-15/16	3/32"	1-15/16"
HX7/64X1-15/16	7/64"	1-15/16"
HX1/8X1-15/16	1/8"	1-15/16"
HX9/64X1-15/16	9/64"	1-15/16"
HX5/32X1-15/16	5/32"	1-15/16"
HX3/16X1-15/16	3/16"	1-15/16"
HX7/32X1-15/16	7/32"	1-15/16"
HX9/32X1-15/16	9/32"	1-15/16"
HX1/4X1-15/16	1/4"	1-15/16"



Ball Hex Head Bits

PART NO.	S.A.E.	
	A	B
BHX5/64X3-1/2	5/64"	3-1/2"
BHX3/32X3-1/2	3/32"	3-1/2"
BHX7/64X3-1/2	7/64"	3-1/2"
BHX1/8X3-1/2	1/8"	3-1/2"
BHX9/64X3-1/2	9/64"	3-1/2"
BHX5/32X3-1/2	5/32"	3-1/2"
BHX3/16X3-1/2	3/16"	3-1/2"
BHX7/32X3-1/2	7/32"	3-1/2"
BHX1/4X3-1/2	1/4"	3-1/2"



Hex Head Bits (1/4" Hex drive insert bits)

PART NO.	metric	
	A	B
HX1.5X1	1.5mm	1"
HX2X1	2mm	1"
HX2.5X1	2.5mm	1"
HX3X1	3mm	1"
HX4X1	4mm	1"
HX5X1	5mm	1"
HX6X1	6mm	1"
HX7X1	7mm	1"



Ball Hex Head Bits

PART NO.	metric	
	A	B
BHX2X3-1/2	2mm	3-1/2"
BHX2.5X3-1/2	2.5mm	3-1/2"
BHX3X3-1/2	3mm	3-1/2"
BHX4X3-1/2	4mm	3-1/2"
BHX5X3-1/2	5mm	3-1/2"
BHX6X3-1/2	6mm	3-1/2"



Assortment Packs

902-390	4 PC	Robertson, S1, 2, 3, 4, 1"
902-391	4 PC	Robertson, S1, 2, 3, 4, 1-15/16"
902-392	8 PC	4 PC Robertson, S1, 2, 3, 4, 1"; 4 PC Robertson, S1, 2, 3, 4, 1-15/16"
902-393	5 PC	Spanner Security Bits 4, 6, 8, 10, 12

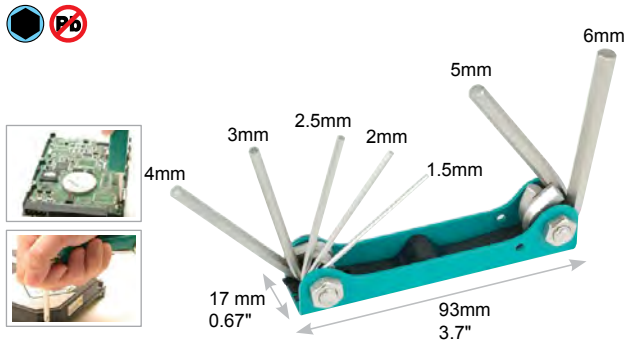




HEX KEY WRENCHES

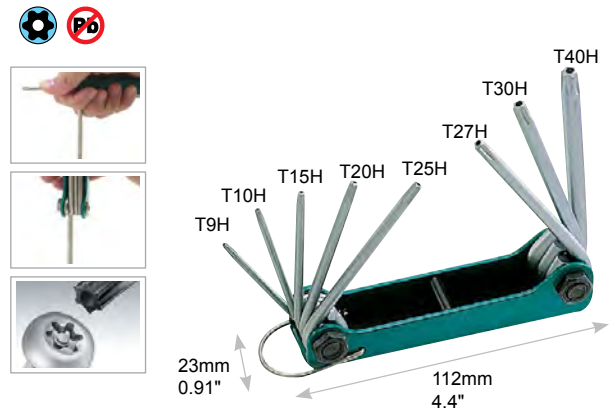


800-124/800-066 7 PC Folding Hex Key Set



Model No.	Contents	
800-124	● 1.5, 2, 2.5, 3, 4, 5, 6mm (Metric size)	
800-066	● 1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4" (Inch size)	
Key Material	Case	Individual packing
SAE6150 with Satin finish	Green lacquered	Blister card

800-052 8 PC Folding Star Key Set



Contents		
● T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H		
Key Material	Case	Individual packing
SAE 8660 with Satin finish	Green lacquered	Blister card

902-100 8 PC Folding Star Key Set



Contents			
● T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H			
Key Material	Case	OAL. (mm/inch)	Individual packing
SAE 6150 with Satin finish	T.P.R. Anti-slip	109x43x23 4.3"x1.7"x1"	Hanger

902-226 9 PC Folding Hex Key Set



Contents		
● 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4" (Inch size)		
Key Material	Case	Individual packing
SAE 6150 with Satin finish	T.P.R. Anti-slip	Hanger

HW-928 1/2" T-Handle Hex Key

- Long reach design with T-handle for greater torque and ease of use
 - Hardened S2 steel alloy
- Individual packing: Hanger

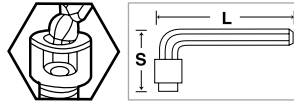


800-091 7 PC T-Handle Hex Key Set

- Long reach design with T-handle for greater torque and ease of use
 - Hardened S2 steel alloy
 - Set comes in a durable blow-molded case
 - 3/32", 1/8", 5/32", 3/16", 1/4", 5/16" and 3/8"
- Individual packing: Shrink wrap



▶ HW-229B 9 PC Ball Point Long Arm Hex Key Set



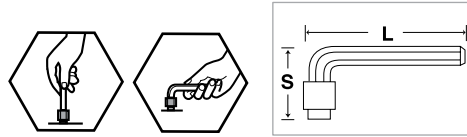
Tip size(mm)	S (mm/inch)	L (mm/inch)
1.5	15.5/0.61	63.5/2.5
2	18/0.71	76/3.0
2.5	20.5/0.81	85.5/3.4
3	23/0.91	91/3.6
4	29/1.1	102/4.0
5	33/1.3	118/4.6
6	38/1.5	139/5.5
8	44/1.7	155/6.1
10	50/1.9	177/6.9
Key Material	SAE 6150 with Satin finish	

Individual packing: Blister card

▶ 902-101 16 PC Hex Key Wrench Set



- Material: SAE6150 chrome vanadium steel
- Portable packaging.
- Case can be hung for storage or display



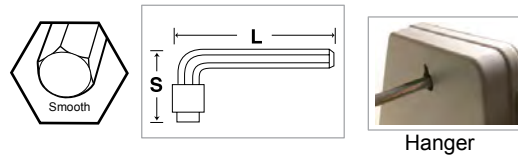
Tip size(mm)	S (mm/inch)	L (mm/inch)	Tip size(inch)	S (mm/inch)	L (mm/inch)
1.5	14/0.55	45/1.8	1/16"	14/0.55	46/1.8
2	16/0.62	51/2.0	5/64"	17/0.62	48/1.9
2.5	19/0.74	57/2.2	3/32"	17/0.62	52/2.0
3	20/0.78	65/2.6	1/8"	20/0.78	58/2.3
4	24/0.94	70/2.8	5/32"	22/0.86	65/2.6
5	29/1.14	80/3.1	3/16"	25/0.98	72/2.8
5.5	29/1.14	88/3.5	7/32"	28/1.10	77/3.0
6	33/1.3	94/3.7	1/4"	29/1.14	86/3.4

Individual packing: Blister card

▶ 900-038 30 PC Metric & Inch Combination Hex Key Set



- Material: SAE6150 chrome vanadium steel
- Portable packaging.
- Case can be hung for storage or display



Tip size(mm)	S (mm/inch)	L (mm/inch)	Tip size(inch)	S (mm/inch)	L (mm/inch)
0.7	8/0.31	35/1.4	0.028"	8/0.31	65/2.6
0.9	10/0.39	38/1.5	0.035"	10/0.39	68/2.68
1.3	12/0.47	41/1.6	0.050"	12/0.47	72/2.83
1.5	14/0.55	45/1.8	1/16"	14/0.55	77/3.0
2	17/0.66	50/2.0	5/64"	15/0.59	82/3.23
2.5	19/0.74	56/2.2	3/32"	18/0.70	89/3.5
3	20/0.78	65/2.6	7/64"	18/0.70	93/3.7
4	25/0.98	70/2.8	1/8"	19/0.74	98/3.86
4.5	27/1.06	77/3.0	9/64"	20/0.78	103/4.1
5	29/1.14	81/3.2	5/32"	22/0.87	107/4.21
5.5	31/1.2	86/3.4	3/16"	25/0.98	117/4.6
6	33/1.3	93/3.7	7/32"	28/1.10	127/5.0
7	36/1.4	100/3.9	1/4"	29/1.14	138/5.43
8	37/1.5	103/4.1	5/16"	35/1.4	155/6.1
10	44/1.7	117/4.6	3/8"	36/1.4	177/6.97

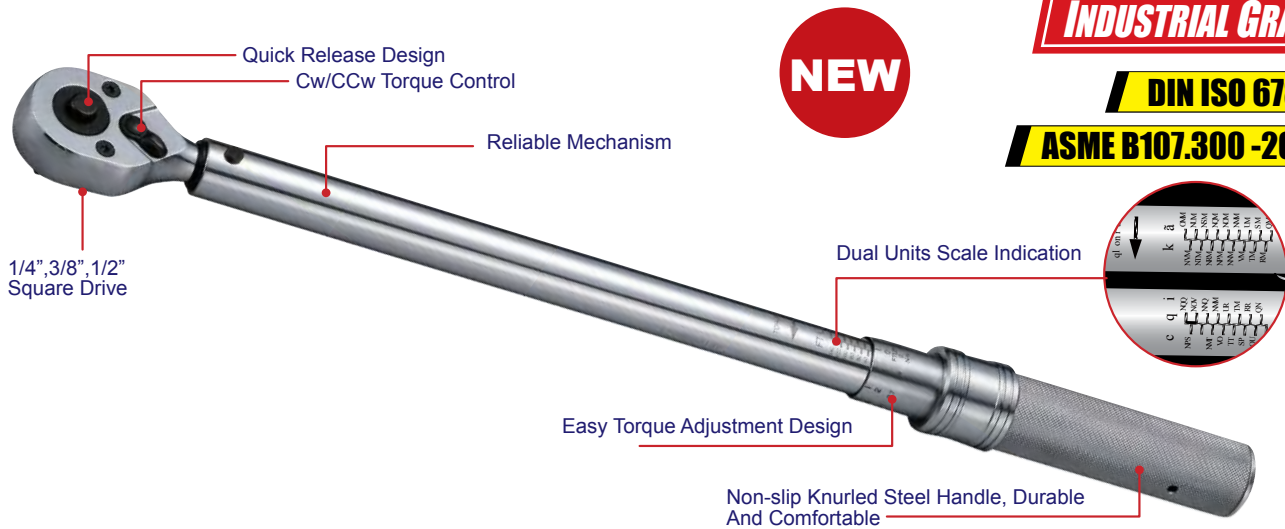
Individual packing: Blister card



SOCKET WRENCHES



HW-T Series Adjustable Torque Wrench With Reversible Ratchet



INDUSTRIAL GRADE

DIN ISO 6789

ASME B107.300-2010

- **Accuracy of torque $\pm 3.0\%$**

Each torque wrench laser serial no. and calibration certificate for future tracing.

- **Dual units scale indication**

Dual units N-m and lbf.in or lbf.ft scale indication.

- **CW/CCW torque control**

Both clockwise and counter clockwise bi-directional torque control. Signals by impulse when torque setting is reached.

- **Easy Torque adjustment**

Easy torque-adjusting design brings energy-saving benefit. Positive locking mechanism avoids accidental setting alterations.

- **Quick release design**

Comes with quick release design, allows changing socket quickly.

- **Reliable Mechanism**

Quality meets DIN ISO 6789 & ASME B107.300-2010.

Idea for motorcycles, bicycle, automobile, truck, heavy machinery, ships, cruise, aerospace industry, high-speed rail and more.



Spec.	HW-T41-315	HW-T41-525	HW-T83-20100	HW-T21-40200	HW-T21-60340
Drive	1/4"/6.35mm Square	1/4"/6.35mm Square	3/8"/9.53mm Square	1/2"/12.70mm Square	1/2"/12.70mm Square
Unit	N-m/lbf.ft Dual units	N-m/lbf.ft Dual units	N-m/lbf.ft Dual units	N-m/lbf.ft Dual units	N-m/lbf.ft Dual units
Torque Range	3.0~15 N-m 31~128 lbf.ft	5.0~25 N-m 53~212 lbf.ft	20~100 N-m 16.6~71.9 lbf.ft	40~200 N-m 33~144 lbf.ft	60~340 N-m 52~243 lbf.ft
Accuracy	$\pm 3.0\%$	$\pm 3.0\%$	$\pm 3.0\%$	$\pm 3.0\%$	$\pm 3.0\%$
Graduation	0.1 N-m	0.2 N-m	0.5 N-m	1.0 N-m	2.0 N-m
Gear teeth	64 T	64 T	32 T	32 T	32 T
OAL	8.3" (210 mm)	9.8" (248 mm)	17" (433 mm)	21" (530 mm)	24" (610 mm)

HW-T716-3 7/16" Preset Torque Spanner



- Proper connections at "F" connector interface with factory preset torque setting 30 lbf-in(3.4N-m).
- Narrow head design helps work in tight density space.
- Audible click sound alerts user when full pressure has been applied.
- Ergonomic & cushion handle for comfort and protection.

Material		Torque range	Drive	OAL(mm)
Handle	HEX			
TPR	ANSI4140	30 lbf-in(3.4N-m)	7/16"(11.1mm)	163

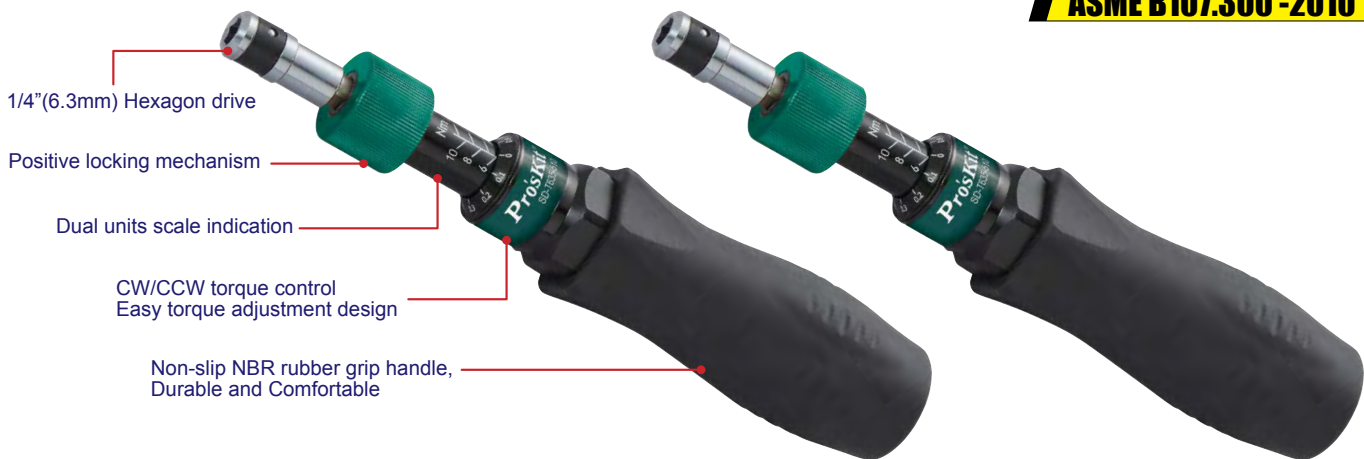
SD-T635 Series ADJUSTABLE TORQUE SCREWDRIVER

NEW

INDUSTRIAL GRADE

DIN ISO 6789

ASME B107.300 -2010



• Accuracy of torque ±6.0 %

Each torque wrench laser serial no. and calibration certificate for future tracing.

• Dual units scale indication

Dual units N.m and lbf.in or lbf.ft scale indication.

• CW/CCW torque control

Both clockwise and counter clockwise bi-directional torque control. Signals by impulse when torque setting is reached.

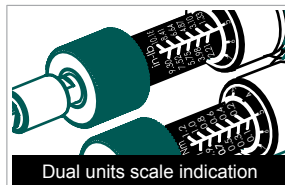
• Easy Torque adjustment

Easy torque-adjusting design brings energy-saving benefit. Positive locking mechanism avoids accidental setting alterations.

• Reliable Mechanism

Quality meets DIN ISO 6789 & ASME B107.300-2010.

Ideal for electronic, computer, communication, motorcycles, bicycle, automobile, truck, heavy machinery, ships, cruise, aerospace industry, high-speed rail and more.



Model No.	SD-T635-0112	SD-T635-16	SD-T635-510
Drive	1/4"/6.35mm Hexagon		
Unit	N-m/lbf.in Dual units		
Torque Range	0.1~1.2 N-m 1.33~10.18 lbf-in	1.0~6.0 N-m 13.28~48.68 lbf-in	5.0~10 N-m 48.68~84.08 lbf-in
Accuracy	±6.0 %		
Graduation	0.01 N-m	0.1 N-m	
OAL	7" (180 mm)	8" (200 mm)	
Packing	Plastic Box + Shrink Pack		

SD-T636 12 PC Torque Screwdriver Set



NEW



• Ergonomic Handle

Dual color torque handle, torque adjustable 1 - 6 N-m, Includes torque adjusting tool for easy torque setting.

• Bits

Includes 10pcs double end bits, common use 20 bit sizes to satisfy most applications. Made by AISI 8660 Cr-Mo-V steel.

• Application

For controlled fastening on electrical engineering installation and maintenance, and more.

• Durable Bag

Arranged properly in a high quality and rugged bag, could be used as convenient storage bag and waist working bag.



Quick release design for speedy Interchanging of bits



Accurate torque adjustable 1 - 6 N-m



Specification

Torque adjustable: 1~6 N-m, Accuracy±6%, recommend calibration after 5000 cycle

Contents:

Dual Color PP/TPR/POM Handle, length:137mm

10PCS AISI 8660 double end hex Bits, length:175mm:

⊖ SL3.0+SL4.0, SL5.5+SL6.35, PH0+PH1, PH2+PZ2, ⊕ PZ0+PZ1, ⊕ T10H+T15H, T20H+T25H, ⊕ H2H+H3H, H4HxH5H

⊕ PZ/FL1+PZ/FL2

Square 8mm torque adjusting tool, length:99mm/40mm

SD-T860 12 PC VDE Torque Screwdriver set



NEW



• VDE Handle

Dual color VDE torque handle, torque adjustable 1-6 Nm, Includes torque adjusting tool for torque setting easily. Insulated metal bit holder locks all bits reliably.

• Bits

Individually tested protective insulation 1000 VAC, VDE and GS tested. Includes 10pcs common use bits to satisfy most applications. Made by AISI 8660 Cr-Mo-V steel.

• Application

For controlled fastening on live cable or parts up to 1000VAC, such as power plants, refrigeration and air conditioning systems, electrical engineering installation and maintenance...etc.

• Durable Bag



Torque adjustable 1 - 6 Nm



Power plants maintenance



Rugged storage bag



Quick release design for speedy Interchanging of bits



Accurate torque adjustable 1 - 6 N-m

Specification

Torque adjustable: 1~6Nm, Accuracy±6%, recommend calibration after 5000 cycle

Contents:

Dual color PP/TPR/POM handle, length:127mm

10pcs AISI 8660 Bits, length:195mm:

⊖ SL2.5,SL3.0, SL4.0, SL5.5, SL6.5, ⊕ PH0, PH1,PH2, ⊕ PZ0, PZ1

Square 8mm torque adjusting tool, length:99mm/40mm

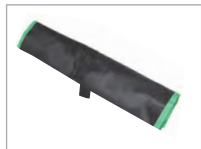
Individual packing:Color box

▶ HW-6509B/ HW-6514B 9 PC/ 14 PC Combination Wrench



Tools meet DIN standard

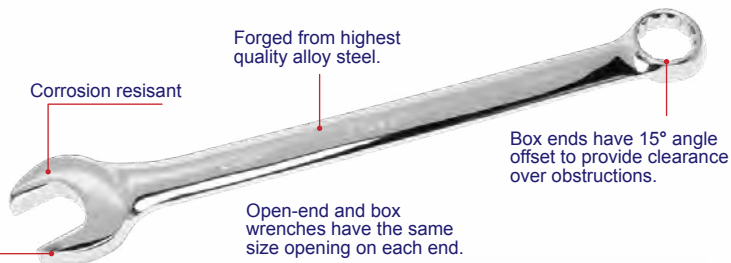
- Made of Chrome Vanadium Steel with mirror finish provides corrosion resistance
- Compact size for easy access in confined spaces
- Slim line spanners reduce problems with hard to reach nuts
- Complete set for automotive, industry, home use and more
- Comes with tool pouch for easy carrying and storage



Tool Pouch

Model No.	Spec.(Metric)
HW-6509B	8.10.11.12.13.14.15.17.19mm
HW-6514B	8.9.10.11.12.13.14.15.16.17.18.19.22.24mm

Individual packing: Color box



▶ HW-312S / HW-312B 12 in 1 Type Ratcheting Box End Reversible Wrench



- 12 sizes in one reversible ratcheting wrenches for superior versatility and ease of use
- 72-teeth gear design delivers 5 degree effective swing arc which makes work more efficient in limited areas
- Made of heat treated Cr-V steel with full polish for durability
- High torque capacity
- With forward, fixed and reversible function for easy operation



Long bolts and threaded rods are not a problem for the 12 in 1 wrench.

12 in 1

Model No.	Spec.	OAL(mm/inch)
HW-312S	● 8, 10, 11, 13mm	160/6.3
	● 5/16", 3/8", 7/16", 1/2"	
	● E10, E12, E14, E16	
HW-312B	● 14, 16, 17, 19mm	230/9.06
	● 9/16", 5/8", 11/16", 3/4"	
	● E18, E20, E22, E24	

Individual packing: Blister card



72-teeth gear, only 5° space for each turn



▶ 900-070 / 900-217 10 PCS Electronic Combination Wrench



• Material: AISI 1045

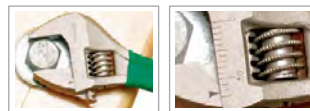
Model No.	Spec.
900-070 (Inch Size)	Closed end 7/16", 11/32", 3/8", 9/32", 5/16", 1/4", 15/64", 7/32", 5/32", 3/16"
	Open end 3/8", 5/16", 11/32", 1/4", 9/32", 15/64", 7/32", 13/64", 3/16", 5/32"
900-217 (Metric Size)	Closed end 11, 10, 9, 8, 7, 6, 6, 5.5, 4.5, 4mm
	Open end 10, 9, 8, 7, 6, 5.5, 5, 4, 4.5mm

Individual packing: Pouch

▶ 900-067/900-068/900-069 Adjustable Wrenches



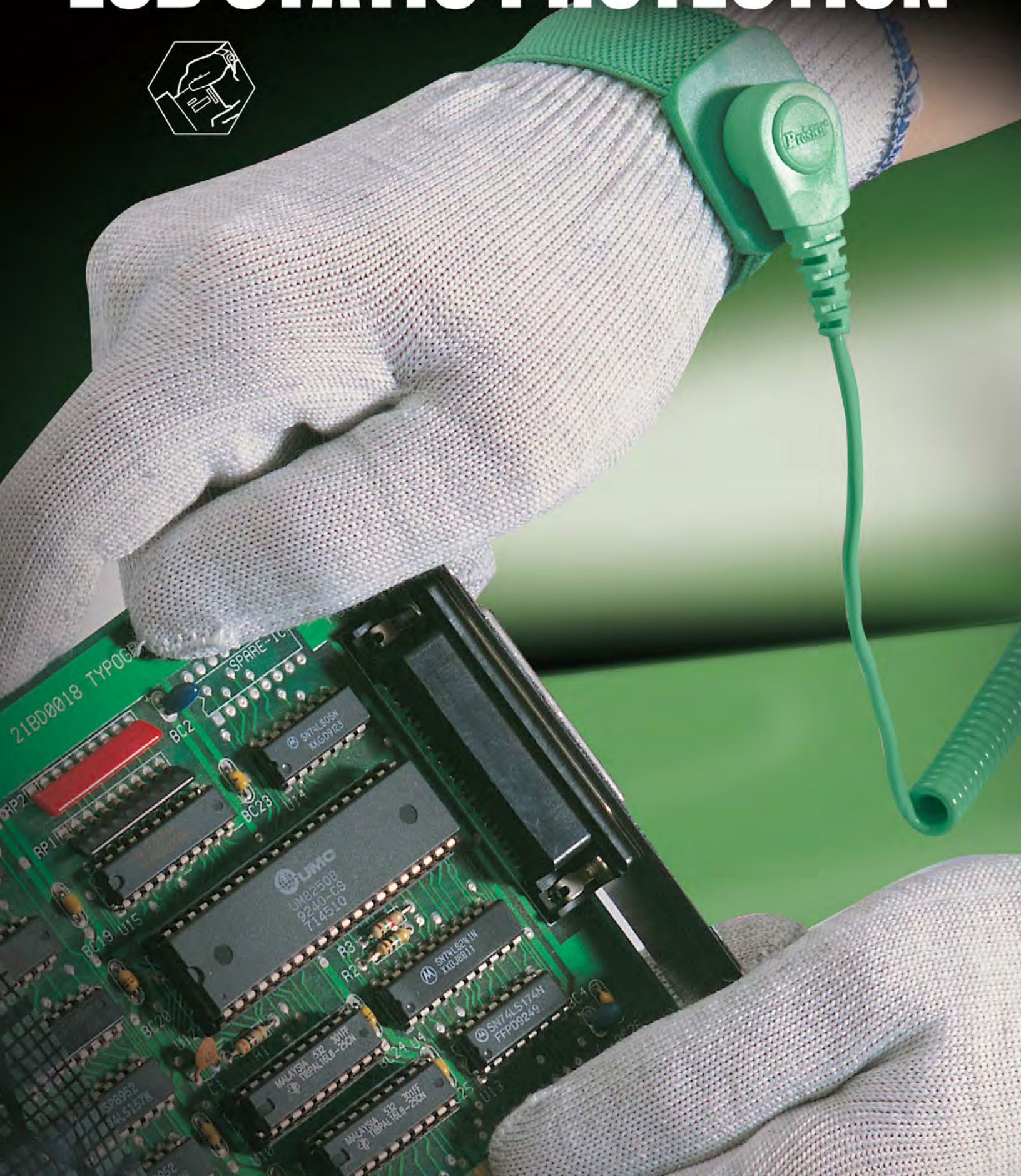
- Economy type
- Knurled adjustable screw
- Drop forged
- PVC coated handles



Model No.	Material	Jaw open (Max)	OAL.
900-067	S50C	1/2"(13mm)	4"(100mm)
900-068	S50C	13/16"(19mm)	6"(150mm)
900-069	S50C	1"(25mm)	8"(200mm)

Individual packing: Blister card

ESD STATIC PROTECTION



▶ 900-002/900-012 Wrist Strap Series



Model No.	Band resistivity	Wrist strap resistivity	Band Size	Cord Size (feet)	Individual packing
900-002	<50Ω	10°Ω	Fixed	10 (3M)	Blister card
900-012				6 (1.5M)	

▶ 900-022/900-023 Wrist Strap Series



Model No.	Band resistivity	Cord resistivity	Band size type	Cord Size (feet)	Individual packing
900-022	<10°Ω	10°Ω	Adjustable	10 (3M)	Blister card
900-023				6 (1.5M)	

▶ 900-132/900-133 Wrist Strap Series

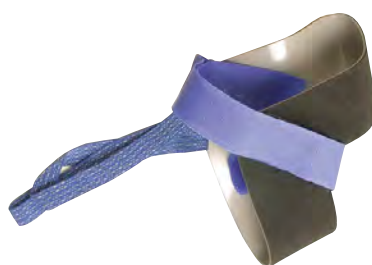


Model No.	Band resistivity	Cord resistivity	Band size type	Cord Size (feet)	Individual packing
900-132	<50Ω	10°Ω	Adjustable	10 (3M)	Blister card
900-133				6 (1.5M)	

▶ 900-057 Foot & Heel Ground



These versatile heel grounders have a specially designed dual-layered cup construction for superior floor contact.



Polyester+conductive fiber

Resistivity	Wrist belt	Individual packing
1-2 x 10°Ω	Adjustable	Blister card

▶ 900-056 Field Service Kit



Material	Conductive PVC
Resistivity	10°-10°Ω
Wrist belt	With 6ft wrist strap and 10ft grounding wire w/alligator clip
Size(mm/inch)	650x600/25.6x23.6
Individual packing	Color box



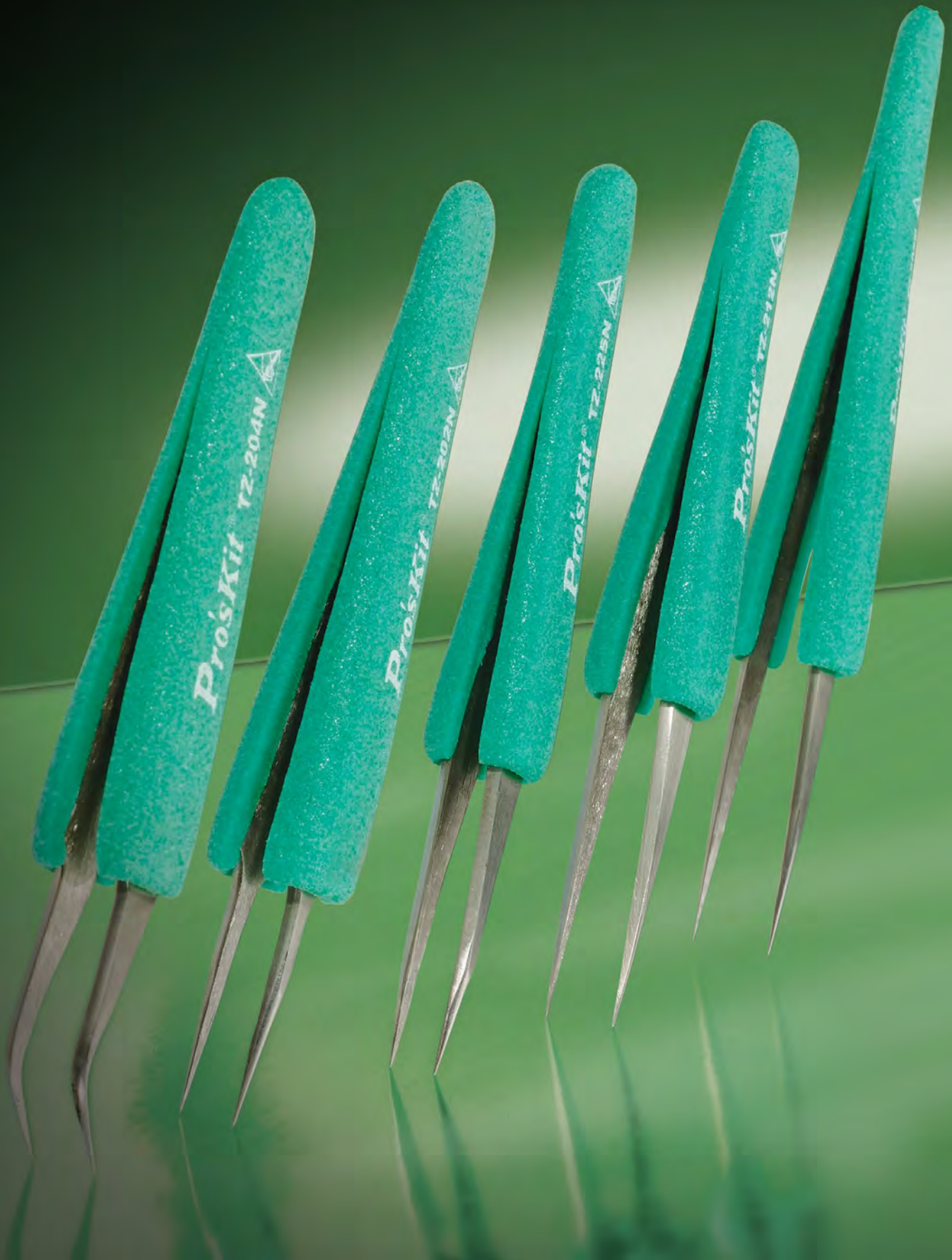
▶ 900-114/900-116 Static-Dissipative Mat



Model No.	900-114	900-116
Material	Face layer: 0.2mm laminated PVC Center, Layer: 1.7mm PVC foam, Bottom layer: 0.1mm PVC foam, Combination layer: conductive treatment	
Resistivity	Face & Center & Bottom, Layers: 10M-1KMΩ/SQ Combination layer: 1K-1MΩ/SQ, Static decay time: less than 0.5sec	
Heat tolerance	70°C	
Description	Static dissipative mat for keyboard & mouse & touch	Static dissipative mat for OA desk-top
Size(mm/inch)	600x1200/23.6x47.2	600x600/23.6x23.6
Individual packing	Color box	Color box



TWEEZERS

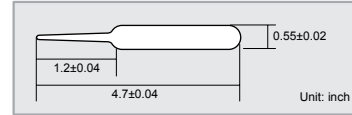




Ergo-Grip Tweezer

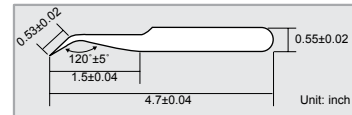
- Static dissipative handle $10^9 \sim 10^{11}$
- Light weight design
- Precise tip offers safe access to hard-to-reach areas
- Cushioned handle increases operation comfort with less fatigue
- Constructed of high-quality stainless, chemical resistant; tough, non-magnetic surface.

TZ-202N Super Fine Tip Straight Tweezer



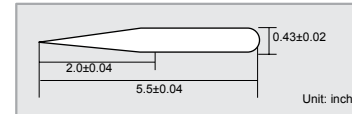
Material	Magnetic	OAL (mm/inch)	Individual packing
AISI 304	Non	120.5/4.7	Blister card

TZ-204N Fine Tip Curved Tweezer



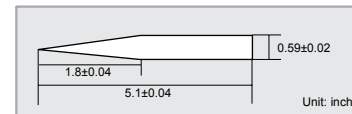
Material	Magnetic	OAL (mm/inch)	Individual packing
AISI 304	Non	120.5/4.7	Blister card

TZ-205N Fine Tip Straight Tweezer



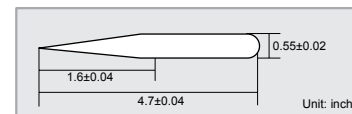
Material	Magnetic	OAL (mm/inch)	Individual packing
AISI 304	Non	140.5/5.5	Blister card

TZ-212N Extremely Fine And Sharp Tip Tweezer



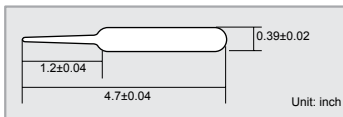
Material	Magnetic	OAL (mm/inch)	Individual packing
AISI 304	Non	129/5.1	Blister card

TZ-225N Super Fine Tip Straight Tweezer



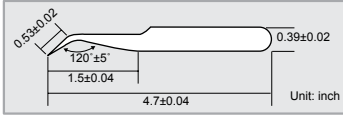
Material	Magnetic	OAL (mm/inch)	Individual packing
AISI 304	Non	120.5/4.7	Blister card

▶ 900-071 Super Fine Tip Straight Tweezer



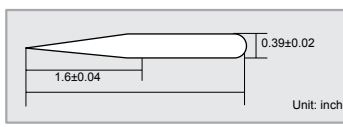
Material	Magnetic	OAL (mm/inch)	Individual packing
AISI 304	Non	120/4.7	Blister card

▶ 900-072 Fine Tip Curved Tweezer



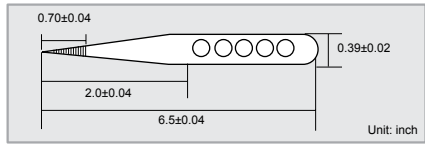
Material	Magnetic	OAL (mm/inch)	Individual packing
AISI 304	Non	120/4.7	Blister card

▶ 1PK-125T Super Fine Tip Straight Tweezer



Material	Magnetic	OAL (mm/inch)	Individual packing
AISI 304	Non	120/4.7	Blister card

▶ 902-072 Heavy-Duty Tweezer



Material	Magnetize-able	OAL (mm/inch)	Individual packing
AISI 410	Yes	165/6.5	Blister card

▶ 900-204 4 PC Tweezer Set



OAL: 115mm/4.5"



OAL: 110mm/4.3"



OAL: 119mm/4.7"

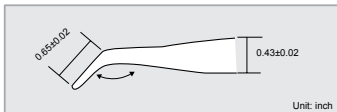


OAL: 116mm/4.6"

Material	Magnetic	OAL (mm/inch)	Individual packing
AISI304	Non	110-120/ 4.3-6.3	Pouch

4 different style stainless steel tweezers for every need. Includes one self-locking; ideal for picking up small components in hard to reach places, as well as component assembly one pc prototype boards.

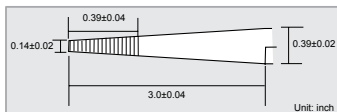
▶ **902-071 Universal Tweezer**



Material	Magnetize-able	OAL(mm/inch)	Individual packing
AISI 410	Yes	175/6.9	Blister card



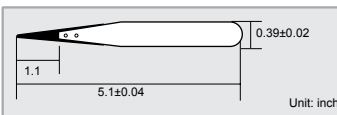
▶ **900-267 Reverse Action Tweezer (Self-Gripping)**



Material	Magnetize-able	OAL (mm/inch)	Individual packing
AISI 410	Yes	165/6.5	Blister card



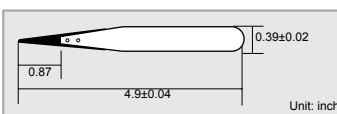
▶ **900-268 Static Dissipative Soft Tip Tweezer**



Material		Resistance	Replacement Tip	Magnetic	OAL (mm/inch)	Individual packing
Handle	Tip					
AISI 302	PPS-hb	<10 ⁶ Ω	5TZ-300A	Non	130/5.1	Blister card



▶ **900-269 Static Dissipative Soft Tip Tweezer**



Material		Resistance	Replacement Tip	Magnetic	OAL (mm/inch)	Individual packing
Handle	Tip					
AISI 302	PPS-hb	<10 ⁶ Ω	5TZ-300B	Non	125/4.9	Blister card



▶ **900-263/900-264/900-265/900-266 Conductive Tweezer**



900-263



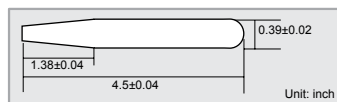
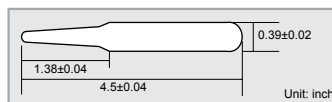
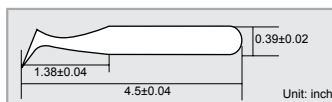
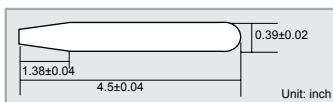
900-264



900-265



900-266



Model No.	Material	Resistance	Magnetic	OAL(mm/inch)	Individual packing
900-263	PC Carbon Fiber	<10 ⁴ Ω	Non	115/4.5	Blister card
900-264				120/4.7	

Model No.	Material	Resistance	Magnetic	OAL(mm/inch)	Individual packing
900-265	PC Carbon Fiber	<10 ⁴ Ω	Non	115/4.5	Blister card
900-266					



MAGNIFIERS & LAMPS



Magnification/Lighting

The materials of **Pro'sKit** magnifier & lamps include **Glass and Acrylic**.

The characteristics of Glass :

- **Scratch-resistance:** Glass is not easily scratched due to its high density.
- **High-transmission:** It comes with smooth surface providing high transmission for clear view, anti-dust.
- **Low-glare:** Glass lenses feature low glare to reduce eye fatigue when used for long times.

The characteristics of Acrylic :

- **Light-weight:** The weight of Acrylic is only half of glass.
- **Anti-impact:** The impact strength of Acrylic is 7-18 times higher than that of glass.
- **High-transmission:** It has excellent transparency characteristics and transmission is better than glass.



Glass Lens



Acrylic Lens

Magnification Chart of Pro'sKit Magnifiers & Lamps :

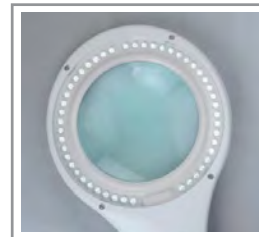
- **Diopter(D)** means an object has been magnified by 25%.
- **Magnification(X)** a power of 2x means the object size has been magnified by 100%.
- **Focal Length** is the distance from a point where the image of a distance object is formed (focal point) to lens

Diopter	% Bigger Than Object	Magnification (X)	Focal Length (mm/inch)
1D	25%	1.25 X	1016 (40.00")
2D	50%	1.5 X	508 (20.00")
3D	75%	1.75 X	339 (13.33")
4D	100%	2.00 X	254 (10.00")
5D	125%	2.25 X	203 (8.00")
6D	150%	2.50 X	169 (6.67")
7D	175%	2.75X	145(5.71")
8D	200%	3.00 X	127 (5.00")
9D	225%	3.25 X	113 (4.44")
10D	250%	3.50 X	102 (4.00")
12D	300%	4.00 X	85 (3.33")
20D	500%	6.00 X	51 (2.00")
28D	700%	8.00 X	36 (1.43")
30D	750%	8.50 X	34 (1.33")



The light source and electronic rectifier:

Pro'sKit is always striving to improve its products to become more energy efficient and environment-friendly. All of **Pro'sKit** magnifiers & lamps come with Electronic Rectifier features reducing the electromagnetic interference to almost zero and meet RoHS compliance. The Electronic Rectifier will provide even more stable performance and will light up more quickly for use than the traditional linear transformer.

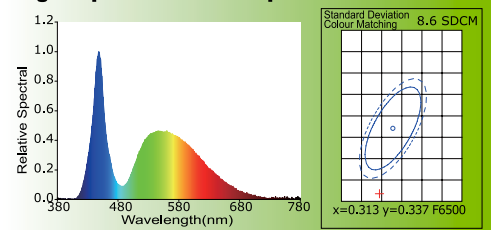


Cost effective, Energy saving SMD LED lighting

- Save Energy, Save Money, LED features 80% less energy and 20X longer service lifetime than traditional lamp.
- Provides super brightness as compared to incandescent light.
- LED lighting systems don't radiate heat, environment friendly and cost effective.

Important Facts	Light Emitting Diodes (LEDs)	Incandescent Light Bulbs	Compact Fluorescents (CFLs)
Life Span (average)	50,000 hours	2,000 hours	5,000 hours
Contains the TOXIC Mercury	No	No	Yes It's toxic to your health & the environment
Turns on instantly	Yes	Yes	No takes time to warm up
Durability	Very Durable	Not Very Durable Glass or filament can break easily	Not Very Durable glass can break easily
Heat Emitted	Very low	High temperature	Medium temperature
Electromagnetic	Low (DC current)	High (AC current)	High (AC current)

Light Spectrum Test Report



Caring for Eyes

When you are doing any of these things which require staring at one place for 30 minutes, it is important to take a break for 5 minutes and look at things farther away.

MA-1008A LED Magnifier Floor Lamp



- Comes with 42 LEDs that provide bright lighting and only 7W consumption energy saving.
- Up to 50,000 hours, 20X longer lifetime than incandescent lamp.
- Designed with 3D(1.75X) glass lens, provides high transmission for excellent view.
- The folding stand and 180 degree bending and rotating neck on this lamp allows easy adjusting for many applications such as in bed, at a table, behind a sofa, etc.
- Unique gooseneck arm, safer and easier allows angling and pointing the light position easily and safely.
- Floor stand material: Spray painted steel tubing.

NEW



**42 LEDs
3D(1.75X)
Magnification**

Premium magnifier lamp, ideal for professional, home, beauty or hobby use, great reading, nail art, product quality inspection and visual aid.



Beauty

Reading

Super bright

PCB checking

Lamp shade

Hex key

Lens material	Color temperature	Energy consumption	Magnification
Glass	6000-7000 Kelvin	7 W	3D (1.75X)
Lens size	Light source	Voltage	Standard plug
100x167mm/3.9"x6.6"	42 pcs LEDs	AC 110-120V	A
			Individual packing
			Color Box

MA-1209LA LED Table Clamp Magnifier Lamp



- The glass lens will provide high transmittance and will not easily scratch.
- 90 LEDs energy saving, low temperature and long life.
- Standard mount: Desktop clamp
- Power supplied with electronic rectifier provides even more stable performance
- Adjustable arm for easy positioning where it is most needed.
- Clamps easily and securely onto most flat surfaces up to 65mm/2.6" thick.

NEW



**90 LEDs
5D (2.25X)
Magnification**



PCB checking

Lens material	Magnification	Lens size	Illumination	Voltage	Standard plug	Individual packing
Glass	5D (2.25X)	Ø 127mm / Ø5"	90 pcs LEDs	AC 110V-120V	A	Color Box

MA-1219A Ultra-Efficient LED Magnifying Lamp

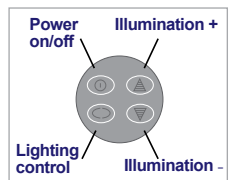


- Comes with 84 SMD LEDs provides 900 Lumen bright lighting and only 2-18W low consumption.
- There are 3 level illuminations for choice to meet different applications.
- Designed with 3D(1.75X) magnification glass lens, features high transmission for excellent view.
- The unique internal cantilever design allows angling and pointing the light position more easily and safely.

NEW



**84 LEDs
3D (1.75X)
Magnification**



Lens material	Magnification	Lens size	Illumination	Light source	Voltage	Standard plug	Individual packing
Glass	3D (1.75X)	175x130mm 6.9"x5.1"	900 Lumen	84 pcs LEDs	AC 110-120V	A	Color Box

▶ MA-1503A Wide View Magnifier



- Power supplied with electronic rectifier provides even more stable performance
- Even, shadow-free light will make it easier for you to see and reduce eye strain.
- Spring balanced adjustable arm for easy maneuverability and positioning.
- Easy to replace the fluorescent tubes.



Lens material	Magnification	Lens size	Light source	Voltage	Standard plug	Individual packing
Glass	3D(1.75X)	Ø 190 x155mm/ Ø 3.5"x6.1"	PL 9W x 2 pcs	AC 110V~120V	A	Color Box

▶ 902-109 Table Clamp Magnifier With Workbench Lamp



- 5 diopter (2.25X magnification) glass lens.
- Even, shadow-free light under the magnifying lens with 22-watt T5 circular fluorescent tube will make it easier for you to see .
- All metal housing mounted on a spring balanced arm that stays set in any position.
- Clamps easily and securely onto most flat surfaces up to 2.6" thick.
- Dust-proof cover for lens protection.



Lens material	Magnification	Lens size	Illumination	Voltage	Standard plug	Replacment bulb	Individual packing
Glass	5D(2.25X)	ø127mm/ Ø5"	22W/T5 G10q	AC 120V	A	Bulb-T5	Color Box

▶ 900-061/MA-1205CA-B Magnifier Workbench Lamp



- Fully-adjustable spring arm with extra ABS sleeves outside of the springs for secure operation
- Power supplied with electronic rectifier provides reduced electromagnetic interference
- Wide open protection cover design can be swiveled up and won't spring back
- Even, shadow-free light will makes it easier for you to see and enjoy the activities longer.
- Spring balanced adjustable arm for easy maneuverability and positioning.
- Adjustable clamp base fits up to 65mm/2.6" thick surfaces.



Model No.	Description
900-061B	Light bulb
900-061-CLAMP	Clamp

Model No.	Lens material	Magnification	Lens size	Illumi-nation	Voltage	Standard plug	Color	Individual packing
900-061	Glass	5D(2.25X)	ø127mm/ Ø5"	22W	AC 120V	A	White	Color Box
MA-1205CA-B					AC 120V	A	Black	

▶ 902-110 Gooseneck Magnifier Lamp



- Power supplied with electronic rectifier provides even more stable performance.
- Even, shadow-free light will make it easier for you to see.
- The flexible gooseneck allows you to angle and point the light to where you need it most.
- Clamps easily and securely onto most flat surfaces up to 65mm/2.6" thick.



Lens material	Magnification	Lens size	Illumination	Voltage	Standard plug	Replacment bulb	Individual packing
Glass	5D(2.25X)	Ø 127mm/ Ø5"	22W/T5 G10q	AC 120V	A	Bulb-T5	Color Box

▶ MA-1004A Desk Type Magnifier Lamp



NEW

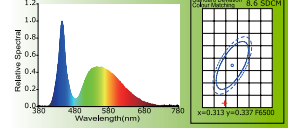


Energy saving, Zero electromagnetic interference

- Comes with 56 LEDs which provide bright lighting and only 9W consumption.
- The LED features long lifetime reaches to 50000 hours, is 20 times longer lifetime than incandescent lamp.
- Design with 3D(1.75X) magnification glass lens, great for working on hobbies, PCB and documents.
- The adjustable arm allows angling and pointing the light to where you need it to be 3D(1.75X)&2D(4X)40 LEDs Magnification.

**56 LEDs
3D (1.75X)
Magnification**

Light Spectrum Test Report



Lens material	Magnification	Lens size	Light source	Color temperature	Luminance	Voltage	Standard plug	Individual packing
Glass	3D(1.75X)	127×79 mm 5"×3.11"	56 pcs LEDs	6000~7000 Kelvin	650 Lumen	AC 110V~120V	A	Color Box

▶ MA-1006A Desk Type LED Magnifier Lamp



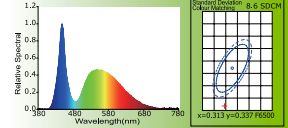
NEW



- Comes with 30 LEDs which provide bright lighting and only 5.5W consumption.
- The LED features long lifetime reaches to 50000 hours, is 20 times longer lifetime than incandescent lamp.
- Design with 3D(1.75X) magnification glass lens, great for working on hobbies, PCB and documents.
- The adjustable arm allows angling and pointing the light to where you need.

**30 LEDs
3D (1.75X)
Magnification**

Light Spectrum Test Report



Lens material	Magnification	Lens size	Light source	Color temperature	Luminance	Voltage	Standard plug	Individual packing
Glass	3D(1.75X)	115×73 mm 4.5"×2.8"	30 pcs LEDs	6000~7000 Kelvin	300 Lumen	AC 110V~120V	A	Color Box

▶ MA-1601A LED Working Lamp



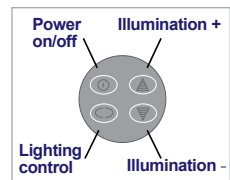
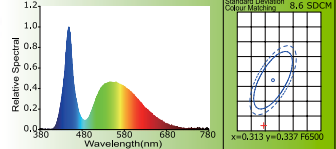
NEW



- The adjustable arm allows easy placement in any position you need.
- Comes with switching adapter, provides even more stable performance.
- Design with 84pcs SMD LED, features long service life reaches to 5,000 hours, super bright and energy-saving 80%.
- Both high light and dim light for choices.

84 LEDs

Light Spectrum Test Report



Color temperature	illumination	Overall length	Light source	Voltage	Standard plug	Individual packing
6000~7000 Kelvin	1200 Lumen	92 x 58 x 18 cm 3.6"×2.3"×0.7"	84 pcs LEDs	AC 110V~120V	A	Color Box

▶ MA-1013MA LED Desk Type Magnifier Lamp



- Comes with 40 LEDs which provide bright lighting and only 6W consumption, energy saving.
- Up to 50,000 hours, 20X longer lifetime than incandescent lamp.
- Design with 3D(1.75X) glass lens, and 12D(4X) insert lens to inspect small parts and fine details.
- The adjustable arm allows angling and pointing the light to where you need.
- Flip-down cover to keep the magnifier free of dust.



Lens material	Magnification	Lens size	Light source	Color temperature	Energy consumption	Voltage	Standard plug	Individual packing
Glass	3D (1.75X) & 12D (4X)	Ø100mm /3.9"	40 pcs LEDs	6000~7000 Kelvin	6 W	110~120V AC, 50/60Hz	A	Color Box



▶ 902-108 Desk Type Magnifier Lamp



- The adjustable arm allows you to angle and point the light to where you need it most.
- The insert Lens allows partial magnification of object up to 12D for precision work.
- 12W fluorescent circular lamp
- Power supplied with electronic rectifier provides even more stable performance



Lens material	Magnification	Lens size	Illumination	Voltage	Standard plug	Replacement bulb
Glass	3D/12D (1.75X/4X)	Ø 100mm/ Ø3.9"	12W/T4 G10q	AC 110V~120V	A	Bulb-T4

Individual packing: Color box



▶ 902-221 Desk Type Magnifier Lamp



- Easy swivel lens that rotates 360° and tilts 280°
- Powerful 2X(5D) magnifying lens
- 12W fluorescent lamp
- Adjustable joint arm for easy positioning
- Energy efficient and super bright
- Lifiable lens-protection cover

Lens material	Magnification	Lens size	Light source	Illumination	Voltage	Standard plug	Replacement bulb
Glass	2X (5D)	Ø 100mm/ Ø3.9"	T4 12W circular fluorescent lamp Supplied with Electronic ballast	12W/T4	AC 120V 60Hz	A	Bulb-T4

Individual packing: Color box



▶ 902-240 Foldable Magnifier



- Glass lens with adjustable folding arms design.
- Sits on a desk or table and adjusts for varying height and angle.
- Great for working on hobbies, documents, and circuit boards, etc.

Lens material	Magnification	Lens size	Light source	Battery
Acrylic	2D (1.5X)	Ø 130mm/Ø5"	LED	LRI130 (3AG12) x3 (Included)

Individual packing: Color box



▶ OptiVisor Series "OptiVisor" Binocular Magnifier

- Reduces eye strain
- Optical glass (not plastic) lenses
- Genuine leather comfort band



Complete OptiVisor	Magnification@Focal Length	Lense Plate Only
900-079	1.5X @ 20"	900-236
900-082	1.75X @ 14"	900-096
900-081	2X @ 10"	900-147A
900-075	2.5X @ 8"	900-075A
900-063	2.75X @ 6"	900-076
900-235	3.5X @ 4"	900-077


• Individual packing: Color box 900-142 OptiVisor with No Lens

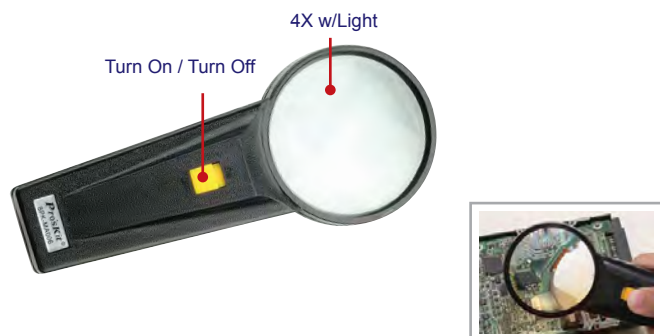
▶ 900-064 "OptiLoupe" 2X Magnifier



- Bolts onto optivisor to double magnification
- Flips out of the way when not in use
- Individual packing: Blister card

▶ 900-125 Illuminated Magnifier

 Optical quality lighted magnifier with 2-1/2" round lens.

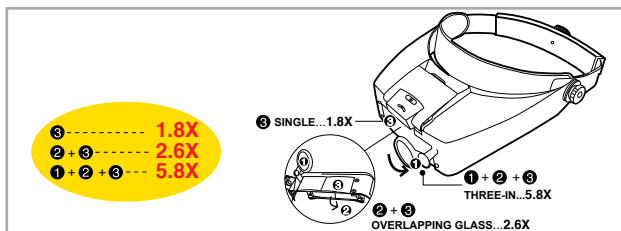


Lens material	Magnification	Lens size (mm/inch)	Light source	Battery	Replacement bulb	OAL	Individual packing
Glass	4X	Ø 62mm/ Ø2.4	Bulb	1.5V AA x 2 pcs (Not included)	900-125B	6-1/2"	Blister card

▶ MA-016 Headband Magnifier



- Detachable LED light device.
- The angle of LED light is adjustable.
- Multiple lens provide better magnification.
- The belt size can be adjusted freely.



Materials	Acrylic	Light source	LED
Magnification	Single: 1.8X Overlapping: 2.6X Three-in: 5.8X	Battery	1.5V AAAx2 pcs (Not included)
Lens size	Round: Ø 29mm/Ø1.0" Square: 89x29mm/3.5"x1.1"	Individual packing	Color box


▶ 900-080/900-080B VisorLight

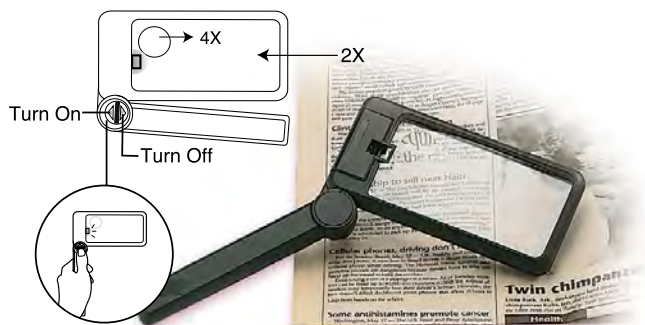
- Clips onto headband of Optivisor
- Xenon laser for illuminating close-up work



Model No.	Description	Individual packing
900-080	VisorLight (Headband shown but not included)	Blister card
900-080B	Replacement bulb for Visorlight	Blister card

▶ 900-126 Folding Lighted Magnifier

 Compact magnifier features a 2"x4" rectangular 2X lens, housed in the folding 4" handle.



Lens material	Magnification	Lens size (mm/inch)	Light source	Battery	Individual packing
Acrylic	2X / 4X	96x49mm/3.8x1.9	Bulb	1.5V AAA x 2 pcs (Not included)	Blister card

**900-123
Sliding Magnifier**



3X (one lens)



**900-124
Folding Magnifier**



Lenses combined for higher magnification



**902-239
8X LED Illuminated Magnifier**



- Glass lens with hinged stainless cover.
- Great for very small objects, collection, and jewelry.



jewelry



Model No.	Lens material	Magnification	Lens size(mm/inch)	Light source	Battery	Individual packing
900-123	Acrylic	Single:8D (3X) Overlapping: 20D (6X)	22x35mm/ 0.87"x1.4"	-	-	Blister card
900-124		Single: 16D (5X) Overlapping: 36D (10X)	Ø 25mm/ Ø 1.0"	-	-	
902-239	Glass	28D(8X)	Ø 21mm/ Ø0.82"	LED	LRI30 (3AG12) x 3 (Included)	

**MA-020
22X Handheld
LED Light Magnifier**



jewelry



- Comes with 2 LED lights
- Excellent for jewelry work

**MA-021
3.5X Handheld
LED Light Magnifier**



PCB checking



- Comes with 2 LED lights
- Suitable for reading, PCB checking and more.

**MA-022
7.5X Handheld LED Light Magnifier
with Currency Detecting Function**



Currency detection



jewelry



- Comes with 1 LED light
- Combine with UV light for currency or credit card detection

Model No.	Lens material	Magnification	Lens size(mm/inch)	Light source	Battery	Individual packing
MA-020	Glass	Object lens 11.5D; Eyepiece 19D, (22X)	Ø 19mm/ Ø0.74"	2 LEDs	1.5V AAA x3pcs (not included)	Blister card
MA-021		10D (3.5X)	Ø 46mm/ Ø1.8"			
MA-022		26D (7.5X)	Ø 27mm/ Ø1.1"	1+1LED (1UV LED)	CR2016 x 2 (not included)	

**902-238
3X Magnifier**



- Glass lens with plastic holding handle.
- Ideal for very small objects and documents reading.

**MA-023
Handheld LED Light Magnifier**



NEW

- Nonslip handle with rubber provides comfortable operation.

**MA-019
3X Handheld LED Light Magnifier
with Currency Detecting Function**



8 LEDs



Reading



Currency detection

- Comes with 8 LEDs light
- With UV light for currency or credit card detection
- Ideal for reading, PCB checking, insect observation.etc

Model No.	Lens material	Magnification	Lens size(mm/inch)	Light source	Battery	Individual packing
902-238	Glass	8D (3X)	Ø 50mm / Ø2"	-	-	
MA-023	Acrylic	Big Lens: 10D(3.5X), Small Lens: 76D(20X)	Ø 50mm/ Ø2" Ø18mm / 0.7"	2 LEDs	1.5V AAA x3pcs (not included)	Blister card
MA-019	Glass	8D (3X)	Ø 56mm/ Ø2.2"	8+1 LEDs (1 UV LED)		

Lighting Solutions

High Quality and Versatile Illumination Solutions for Every Job Type.



▶ 902-469 **X-Spot Advance I LED Spotlight**

X-SPOT ADVANCE I



- Handheld Power:
- 180 Lumens
 - 27 Hours Battery
 - 400M Range
 - Built in Hands Free Stand
 - Submersible
 - Shock Proof to 1M
 - 3C Batteries (not included)



▶ 902-465 **X-Blaze CREE LED Headlamp**

X-BLAZE



- Economy & Power:
- 100 Lumens
 - 130m Beam Distance
 - 4 Light Modes
 - Waterproof 1M
 - Corrosion Proof
 - Lock-Out Function
 - 1 AA Battery (not included)



▶ 902-466 **Focus+ CREE LED Headlamp**

FOCUS+



- Flexibility & Function:
- 100 Lumens
 - Adjustable Beam
 - 6 Light Modes
 - Water Resistant
 - 3 LEDs
 - 6+ Hours Battery
 - 2AA Batteries (not included)



▶ 902-467 **Sensor+ CREE LED Headlamp**

SENSOR+ ADV I



- Innovative Hands Free:
- 100 Lumens
 - 130M Beam Distance
 - 4 Light Modes
 - Waterproof 1M
 - Corrosion Proof
 - Lock-Out Function
 - 3 AAA Batteries (not included)

CONTROL WITH WAVE OF THE HAND



▶ 902-468 **LiteRay LED Headlamp**

LITERAY



- Long Shift Visibility:
- Up to 110 Hours Battery
 - 9 through 40 Lumens
 - Water Resistant
 - Shock Proof to 1M
 - 2 AAA Batteries (not included)



▶ FL-516 9 LED Flashlight



LED light

Super bright, Mini size, 1m drop protection

- Sturdy anodized aluminum construction, sealed at both ends with high grade rubber o-rings, water repellent and 1M drop protection
- Super bright LEDs, palm size with wrist strap, ease of use anywhere
- LEDs last up to 100,000 hours
- Ideal for home maintenance, outdoor activities, hiking, night fishing, camping and more



Light source	Material	Size	Battery
9pcs White LEDs	Aluminum	Ø27mm x 92mm	1.5V AAA x 3pcs (not included)

▶ FL-603 LED Flexible Flashlight



LED light

- Sturdy anodized aluminum construction, 13.6" hands free flexible arm attachment
- Flexible cable extension that can be bent and twisted into any shape or angle
- Two-way tail cap switch allows for twist on/off capability or push and hold functionality
- Ideal for auto repair, workshop or home DIY use and more



White light illuminates the tightest work areas

Auto repair

Auto repair

Light source	Illumination	Cable size	Handle size	Battery
White LED	11000mcd	Ø5mm x 13.6"	Ø15mm x 6.9"	1.5V AAA x 3pcs (not included)

• Individual packing: Blister card

▶ 902-068 LED Flashlight



LED light

- Rugged design aluminum body contoured for firm grip.
- Light weight and easy to carry.
- Operated using 2x AA cell batteries (not included).
- Switch on/off control on the bottom.
- Black color.

Battery	Replacement bulb	OAL (mm/inch)	Individual packing
2 x AA (not included)	902-068B	152/6	Blister card

Twist head for spotlight effect

Material: Aluminum



▶ 900-239 Magnifier Sheet

- Hold over any subject matter to magnify 3X(8D)~4X(13D)



• Individual packing: Poly bag

▶ 900-167 Protective Glasses

- Ideal for use when cutting, grinding or boring to protect the eyes against flying particles.



• Individual packing: Blister Card

POWER TOOLS



▶ 902-492 20V Cordless Drill

- 1/2 Inch Keyless Metal Chuck
- Heavy-Duty High Torque
- Two Speed Gear Box (0-400 rpm / 0-1700 rpm)
- Variable Speed Trigger with Forward/Reverse Switch
- Built-in High Output LED Light Illuminates Work Surface for Increased Visibility
- Includes 6 Drill Bits, 6 Screwdriver Bits and 1 Bit Extender
- Includes 20V Lithium-Ion Battery with LED Battery Level Indicators
- Intelligent Charger Prevents Damage to Battery

Input Power	20V
No Load Speed	0-400 rpm / 0-1700 rpm
Impact Rate	-
Torque Settings	19+1
Soft Torque	221 in-lbs
Hard Torque	310 in-lbs
Battery Power	1.3 Ah Lithium-Ion
Charge Time	1 Hour
Drill Weight	3.7 lbs (with case 7.6 lbs.)

NEW



▶ 902-493 20V Cordless Hammer Drill

- 1/2 Inch Keyless Metal Chuck
- Heavy-Duty High Torque
- Two Speed Gear Box (0-400 rpm / 0-1700 rpm / 0-19200 bpm Impact)
- Variable Speed Trigger with Forward/Reverse Switch
- Built-in High Output LED Light Illuminates Work Surface for Increased Visibility
- Includes 6 Drill Bits, 6 Screwdriver Bits and 1 Bit Extender
- Includes 20V Lithium-Ion Battery with LED Battery Level Indicators
- Intelligent Charger Prevents Damage to Battery

Input Power	20V
No Load Speed	0-400 rpm / 0-1700 rpm
Impact Rate	0-19200 bpm
Torque Settings	19+1
Soft Torque	221 in-lbs
Hard Torque	310 in-lbs
Battery Power	1.3 Ah Lithium-Ion
Charge Time	1 Hour
Drill Weight	3.7 lbs (with case 7.6 lbs.)

NEW



▶ 902-494 20V Cordless Impact Driver

- Universal 1/4 Inch Hex Drive
- Quick Release Chuck
- Heavy Duty High Torque Gear Box, 1350 in/lbs of Driving Force
- Three Built-in LED Lights Illuminate Work Surface for Increased Visibility
- Variable Speed Trigger With Forward/Reverse Switch
- Includes 4 Nut Driver Sockets
- Includes 20V Lithium-Ion Battery with LED Battery Level Indicators
- Intelligent Charger Prevents Damage to Battery

Input Power	20V
No Load Speed	0-2200 rpm
Impact Rate	0-3200 bpm
Hard Torque	110 ft-lbs
Hex Drive	1/4 Inch
Battery Power	1.3 Ah Lithium-Ion
Charge Time	1 Hour
Drill Weight	3.3 lbs (with case 7.2 lbs.)

NEW



▶ 902-495
20V Spare Battery 1.5Ah Li-Ion, or Cordless Drill

Compatible with 902-492, 902-493, and 902-494.



▶ 902-496
Charger for 20V Cordless Drill

Replacement charger for 20V cordless drills. Compatible with 902-492, 902-493, and 902-494.



▶ PT-1136A Cordless Lighted Screwdriver 3.6V



- High quality motor. Speed gear (operating ratio 1:80). 200rpm. Smooth and quiet operation
- Equipped with 3.6V, 1000mAh, rechargeable NI-MH anti-pollution battery. Charging time: 5~7 hrs.
- Maximum output torque up to 25kgf.cm. Ideal for computer, electronic and home repair.
- Adjustable 3 different angle to meet different application's demand.
- Switch for forward or reverse rotation. Easy to screw / unscrew.
- Ergonomic design. Soft grip is easy to handle.
- LED light provides convenient work in the dark area.



Model No.	PT-1136A
Torque setting	None
Rated no load speed	200 rpm
Output torque	2.5 Nm(25.5 kgf-cm/ 22.13 lbf-in)
Drive (collet)	6.35mm (1/4") Hex Bit Shank
Special function	Switch forward or reverse rotation, LED light Handle can be used in 3 different position
Overall length: straight	270mm (10-13/16")
Overall length: angled	210x140mm (7-23/32")
Battery type	Ni-Mh
Battery voltage	3.6V
Battery capacity	1000mAh
Charging time	5-7 hours
Free running time	30-35 min. (unload speed)
Input voltage	120V AC 60Hz
Output voltage	DC 6V 300mA
Adaptor plug	A []
Standard accessories	2 pcs magnetic insert bits holder 11 pcs 25mm driver bits: ⚙️ 3.0, 4.0, 5.0, 6.0, 7.0 ⚙️ #1, #2, #3 ⚙️ T10, T15, T20 Adapter
Individual packing	Double blister card

▶ 600-006 Battery Operated Cable Cutter



- DESCRIPTION: Includes charger and rechargeable 12V battery; impact resistant case; forward and reverse cycles; 2" maximum diameter – 750 MCM
- APPLICATION: For use with copper and aluminum cable only - not to be used with steel or ACSR
- REPLACEMENT: 200-032: Blade (moving); 200-033 Blade (stationary); 600-010: Spare Battery
- PACKAGING: Plastic Case



600-010

▶ PT-5501A Variable Speed Rotary Tool Kit



Variable speed, 40pcs accessories, Outer Carbon brush, Flexible shaft

- Powerful variable speed from 10,000 to 32,000RPM
- Flexible shaft and cable attachment allows precision work
- 40-piece multipurpose accessories and carrying case included
- Outer carbon brush for replacement convenience
- Cutting, sanding, polishing, drilling, burr removal and more



Maximum Output	135 W
No Load Speed	10,000-32,000 rpm
Collet Chuck Capacity	3.2mm and 2.5mm
Available Voltages	120V, 60Hz
Plug	A (□)
Carrying Case Size	285x235x80mm / 11.22"x9.25"x3.14"
Individual packing	Color sleeve shrink

▶ PT-5201A Mini Grinder



- Low vibration, high torque and lightweight ergonomically designed.
- Natural and comfortable operation body shape.
- The quick-change chuck is ideal for drilling, polishing, engraving, routing, shaping, sanding and milling.



Replacement accessories: 9PT-5201-P2

Max. diameter	Ø3.2mm
Rated no load speed	5000~14000 rpm adjustable
Adaptor	9PT-5201A-P Output: DC 18V 400mA Input: AC 120V 60Hz Adaptor plug: A (□)
Replacement accessories	9PT-5201-P2 • 2 pcs diamond bits • 2 pcs grinding stones • 2 pcs sanding bands • 1 pc collet (Ø 2.4/ Ø 3.2 mm) • 1 pc nylon brush • 1 pc engraving bit • 1 pc connective post for sanding band
Individual packing	Double blister card

▶ PT-5202A Mini Grinder Set



- The Compact lightweight design and ergonomic soft grip helps you keep a steady hand while you work.
- Build-in LED light provides illumination during use.
- Keyless chuck lock button for easy change accessories.
- Includes 19 accessories and 2 stencils for most tasks.
- Durable plastic storage case for easy organized.
- Ideal for drilling, milling, grinding, polishing, engraving, cutting, and removing.



• Carry case: 142x137x57mm(5.6"x5.4"x2.3")

Collet Size	Max Ø 3.2mm
No-Load Speed	15,000 rpm
Working Voltage	18V DC
Acoustic Pressure	< 70dB
Overall Length	Ø 43x127 mm /Ø1.7"x5"
Input Voltage	100~240VA C 50/60Hz 0.5A Max.
Output Voltage	18V DC 400mA

▶ PT-5203A Electric Engraver



Speed 7100 spm, 9 position stroke setting, LED light

- 9 position stroke setting regulates engraving depth from fine lines to deep grooves.
- Soft TPR handle provides extra comfort and control.
- Comes with LED light allows operating even in dark area.
- Replaceable solid carbide point gives you the power to engrave on different surfaces.
- Light and compact design provides comfortable use for precision engraving performance.
- Ideal for engraving or decorating metal, glass, stone and more.



Accessories: 2 solid carbide tips Ø3.0x20 mm and 1 hex wrench included

Voltage	AC 120V 60Hz
Consumption	10W
Speed	7,100 spm
Stroke setting	9 Position
Engraver point holder	Ø3.0mm
Standard plug	A (□)

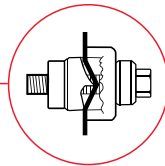
Hole Making

▶ 902-481 QuikPunch Kit

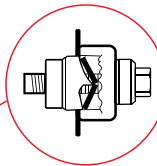
- Description: 6pc manual knock out set.
- Application: Punch mild steel up to 10 gauge, aluminum, fiberglass and plastic.
- Packaging: Blow-molded Case.
- 1/2" to 2" conduit sizes. Punched holes are actually larger.



QuikPunch



Punch design creases slug as the punch is drawn into die.



Slug is split in half as punching operation is completed.



Split slugs fall free from die and stud.

Replacement	
902-485	Replacement Punch Die Set - 1/2" Type C
902-486	Replacement Punch Die Set - 3/4" Type C
902-487	Replacement Punch Die Set - 1" Type C
902-488	Replacement Punch Die Set - 1-1/4" Type C
902-489	Replacement Punch Die Set - 1-1/2" Type C
902-490	Replacement Punch Die Set - 2" Type C
902-481-SBS	Replacement Shaft and Bearing - Small
902-481-SBM	Replacement Shaft and Bearing - Medium

▶ 500-036 Hole Saw Kit

NEW



- 11pcs hole saw
- Long lasting bi-metal material
- Very sharp, cut through material fast
- Cut through wood, plaster, mild steel
- 3 different sized arbors
- Triangular shank 1/4" fits hole saws 7/8", 1-1/8"
- Triangular shank 7/16" fits hole saws 1-3/8" 1-1/2", 1-3/4", 2", 2 1/2", 3", 3-5/8", 4-1/8", 4-1/2"
- SDS plus shank fits hole saws 7/8", 1-1/8"
- Extension Bar: 12" length fits hex shank 7/16" arbor
- Hex Key: 4mm

Contents	
11pcs hole saw : 7/8", 1-1/8", 1-3/8" 1-1/2", 1-3/4", 2", 2-1/2", 3", 3-5/8", 4-1/8", 4-1/2"	
12" extension arbor	
1/4" arbor, 7/16" arbor	
SDS plus arbor	
Sturdy blow-molded case	
Individual packing	Color Label

▶ 902-482 Tuff Punch



TuffPunch

- Description: Hydraulic Knockout Punch with Type C punch/die sets
- Application: Lightweight design for fast, easy one-person operation. Develops 6.75 Tons of hydraulic force for easy punching.
- Packaging: Blow-molded Case

Included in kit:	
Round knockout punches type c	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
7/16"X3/4" draw stud	1 Pc
3/4"X3/4" draw stud	1 Pc
Spacer	1 Pc
Blow-molded case	1 Pc

Steel Auger Installer Bits

- Ultra-sharp threads for better pulling power.
- Wire fishing holes in the head and shank.
- Three flat non-slip grip on the chuck end of the flexible spring steel shank.
- Application: Wood

NEW

Made in USA

Model No.	Description	Length (Inch)	Drill DIA. (Inch)	Shank DIA. (Inch)	Weight (Oz)
902-500	3/8 in. x 36 in. Auger Installer Bit	36	3/8"	3/16"	4.6
902-501	3/8 in. x 54 in. Auger Installer Bit	54	3/8"	3/16"	6.9
902-502	3/8 in. x 72 in. Auger Installer Bit	72	3/8"	3/16"	9.1
902-503	9/16 in. x 36 in. Auger Installer Bit	36	9/16"	3/16"	7.0
902-504	9/16 in. x 54 in. Auger Installer Bit	54	9/16"	3/16"	8.8
902-505	9/16 in. x 72 in. Auger Installer Bit	72	9/16"	3/16"	11.0



902-508/902-509 Sheet Metal Installation Tools

- Sheet metal installation tools for drilling and driving 1/4-inch or 5/16-inch head sheet metal screws.
- One piece drill and drive tool with a 1/4-inch quick change shank.
- Retractable 1/8-inch heavy duty high speed drill bit.
- No loose sockets.

NEW

NEW



902-508
1/4"
Sheet Metal
Installation T

902-509
5/16"
Sheet Metal
Installation

902-510 Tool Accessories Kit

Tool Accessories Kit Includes:

- 3/32-in. Allen wrench and three 10-32 set screws
- Includes three 1/8-in. heavy duty high speed drill bits
- Handy storage case



Model No.	Description	Length (Inch)	Width (Inch)	Depth (Inch)	Weight (Oz)
902-508	1/4-in. Sheet Metal Installation Tool	6	1	1	2.8
902-509	5/16-in. Sheet Metal Installation	6	1	1	2.8
902-510	Sheet Metal Tool Accessories Kit	6	1	1	0.8

902-506/902-507 Flexible Extender

- Three flat non-slip grip on the chuck end
- Flexible spring steel shank
- Wire fishing accommodation holes in the shank
- For use with 3/16" Diameter flex drills

NEW

Model No.	Description	Length (Inch)	Width (Inch)	Depth (Inch)	Weight (Oz)
902-506	3/16-in. X 36 in. Installer Bit Extension	36	0.5	0.5	6.3
902-507	3/16-in. X 54 in. Installer Bit Extension	54	0.5	0.5	8.2



902-483 Tuff Punch Swivel

- Description: Hydraulic Knockout Punch with Swivel Head and Type C punch/die sets
- Application: Lightweight design for fast, easy one-person operation. Develops 7 Ton of hydraulic force for easy punching. Allows unlimited driver orientation to simplify access to work area.
- Packaging: Plastic Box



Included in kit:	
Round knockout punches type c	1/2", 3/4", 1", 1-1/4", 1-1/2", 2"
7/16"X3/4" draw stud	1 Pc
3/4"X3/4" draw stud	1 Pc
Spacer	1 Pc
Blow-molded case	1 Pc

TuffPunch Swivel



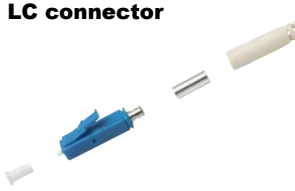
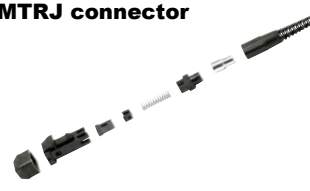
FIBER OPTICS



Fiber Optic Tools Technical Basics

Pro'sKit® is a leading supplier of fiber optic tools and accessories. The **Pro'sKit®** one-stop shop provides complete solution for fiber optic termination tools such as strippers, Kevlar cutters, viewing scope, testers, fiber scribes, and cleaning kit.

Fiber Optic Connectors types (For reference only, we don't offer fiber connectors)

<p>ST connector</p>  <p>For datacom and telecom, widely used</p>	<p>SC connector</p>  <p>For multimode, rarely single mode, APC not possible</p>	<p>LC connector</p>  <p>For high-density connections, SFP transceivers</p>	<p>MTRJ connector</p>  <p>For duplex multimode connections</p>
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Fiber Optic Termination Procedure

STEP 1	<p>Stripping PVC jacket</p> 	STEP 5	<p>Bonding</p> 	STEP 9	<p>Inspection</p> 
STEP 2	<p>Cutting Kevlar</p> 	STEP 6	<p>Crimping Connector</p> 	STEP 10	<p>Continuity testing</p> 
STEP 3	<p>Stripping Buffer & Coating</p> 	STEP 7	<p>Cleaving Fiber</p> 	STEP 11	<p>Power Loss testing</p> 
STEP 4	<p>Cleaning</p> 	STEP 8	<p>Polishing Fiber</p> 		

Fiber Optic Cable Test Method:

After the cables are installed and terminated, it's time for testing. For every fiber optic cable assembly, you will need to test the continuity, end-to-end loss and troubleshoot the problems. **Pro'sKit®** fiber optic tester will help to do this step more efficiently.

Continuity test by MT-7501 / MT-7505



Continuity test



Locate break point

End-to-end loss test by MT-7601 / MT-7602



Fiber Tester



Fiber optical power test

▶ MT-7601 Fiber Optic Power Meter



NEW



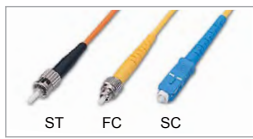
- Adapts to FC/SC/ST connectors
- Automatically auto power off after 10min of no operation
- 850nm/ 1300nm/ 1310nm/ 1490nm/ 1550nm/ 1625nm
- Comfortable LCD backlight display
- Can store the current laser source as a new reference value



Additional shock-proof cover & pouch bag



Fiber optic power test



Compatible connectors (LC with optional adaptor)

Detector Type	InGaAs
Optical Connector	FC/SC/ST& 2.5mm Universal
Calibrated Wavelengths	850, 1300, 1310, 1490, 1550,1625
Measurement Range	+6 ~ -70 dBm
Accuracy	(1550nm, 1310nm)±0.2dB/ (1490nm, 1625nm)±0.3dB/ (850nm, 1300nm)±0.4dB
Power Measurement Linearity	±2.0%
Display Resolution	+6 ~ -60dBm:0.01 dB (-60 ~ -70dBm:0.1 dB)
Power Display Units	dBm, mW, μW, nW
Reference comparison value	Yes
Modulation Detection	270Hz, 1KHz, 2KHz (850, 1300, 1310, 1490, 1550, 1625)
Operation voice prompts	Yes
Backlight	Yes
Automatic Power Off	10 min.(Can be cancelled)
Low Battery Warning	Low battery energy
Body protection	Yes
Battery Life	> 160 hours
Operating Temperature	-10 ~ +60 °C, < 90%
Storage Temperature	-20 ~ +70°C, < 90%
Power source	AA/LR6 1.5V×2 pcs (not included)
Size	165×80×35 mm / 6.5"×3.1"×1.4"
Weight	180g (w/o battery)
Optional Accessory	LC adaptor (5MT-7601-LC)
Individual packing	Color box

▶ MT-7602 4 In 1 Fiber Optic Power Multimeter



NEW



RJ-11/RJ-45 Cable Tester (Remote)

4 in 1 1. FIBER POWER METER 2. VISUAL FAULT LOCATOR 3. LAN CABLE TESTER 4. LED FLASHLIGHT

- Simple 3 push-button operation
- Built-in USB connector for battery charger
- Auto power off for energy saving



Fiber optic power test



Cable tester



Break in fiber test



LED flashlight

Optical Power Meter	Detector Type	InGaAs
	Optical Connector	ST/SC/FC & 2.5mm Universal
	Calibrated Wavelengths	850/1300/1310/1490/1550/1625 nm
	Measurement Range	+6 ~ -70 dBm
	Accuracy	±0.2dB
	Power Measurement Linearity	± 0.1 dB
Visual Fault Locator	Display Resolution	± 0.01 dB
	Power Display Units	dBm, μW, mW
	Output Power	<1mW
	Range	3-5 km @SM
	Connector	ST/SC/FC & 2.5mm Universal
Lan Cable Tester	Laser Safety Rating	Class 2
	Wavelength	650nm±20nm
	Output Modes	Continuous (CW) , 2 Hz pulsed
Automatic Power Off	Reverse Battery Protection	Yes
	Connector	RJ45 & RJ11
	Cable	UTP LAN cable(8P8C), Telecom cable(6P2C/6P4C/6P6C)
	Measuring Length Max.	600 meter
	Automatic Power Off	10 min.(Can be cancelled)
	Low Battery Warning	Low battery energy
	Battery Life	> 160 hours (only OPM)
	Power Source	AA/LR6 1.5V rechargeable battery ×2 (not included)
	Size	105×52×34 mm / 4.1"×2"×1.3"
	Optional Accessory	LC adaptor (5MT-7601-LC)
Individual packing	Color box	

▶ 902-186N/MT-7509 Fiber Optic Visual Fault Locator



Measuring distance : 8KM



902-186N



ST FC SC



MT-7509



LC

Model No.	Connector type	Light source	Nominal wavelength	Battery	OAL(mm/inch)	Individual packing
902-186N	2.5mm/0.1" (FC/SC/ST)	Class 3A laser diode	650±10nm	1.5V AAA x2pcs (Not included)	Ø13.5x155mm/ Ø0.53"x6.1"	Color box with black EVA inner case
MT-7509	1.25mm/0.05" (LC)	Class 3A laser diode	650±10nm			

▶ MT-7501 / MT-7505 Fiber Optic Visual Fault Locator

1 Sec. Quick Illuminate

To make checking work convenient

2 Operation Modes

Locating fault accurately

3 Supported Connectors

To give more versatile choice (FC/SC/ST)

- Portable, durable and easy to use
- Both continuous and flashing modes available
- Additional pouch bag for convenient storage
- Supports 2.5mm universal connectors (for FC/SC/ST)
- Dust-proof & crash-proof cap design for laser head



3-5 Km

1 mW



**FDA
MT-7501**

6-7 Km

5 mW



**FDA
MT-7505**



Continuity test Locate break point Accessory



Compatible connectors (LC with optional adaptor)

Model No.	Wavelength	Output power	Light source	Tested fiber length	Power (batteries)	Connector	OAL	Operating temperature	Storage temperature	Optional accessory	Individual packing
MT-7501	650 nm±10 nm	1 mW	CLASS II	3-5KM	AA (1.5 V) x 2	2.5mm universal connector for FC, ST and SC	175mm 6.9"	-10-55°C	-10-70°C	LC adaptor (5MT-7601-LC)	Color box
MT-7505		5 mW	CLASS IIIA	6-7KM							

▶ 900-138 Fiber Optic Viewing Scope Kit



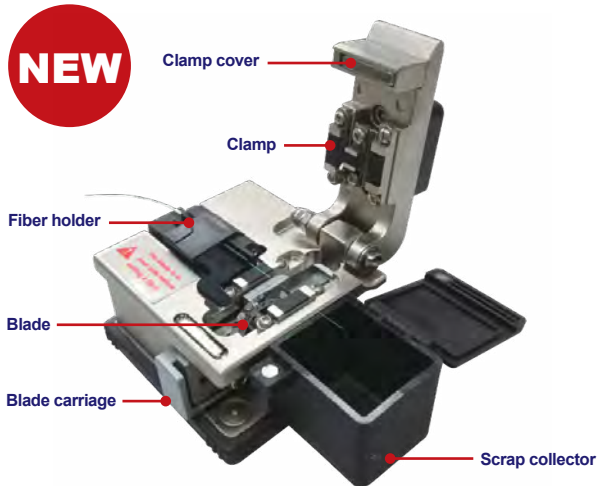
This fiber optic viewing scope kit makes it simple to view ST/SC Pre-encapsulated FDDI, and the ends of fiber before and after cleaving operations.



Made in USA

Magnification	Light source	Battery	OAL (mm/inch)	Individual packing
200X Adjustable	Bulb 2.25V / 0.25A	1.5V AAx2pcs (not included)	148x46x25mm/ 5.8"x1.8"x0.98"	Blister card

▶ FB-1688C Fiber Cleaver with Scrap Collector



Standard Precision Single Mode Fiber Cleaver

- Simple and easy replacement of blade
- 16 cutting location for each blade, service life up to 48000 times
- Replacement blade is available, model No: 5FB-1688-BLADE



Fiber debris collector bin



16 cutting location for each blade

Cladding Diameter	Fiber Count Coating Diameter	Cleave length	Dimensions	Cleaver Blade (5FB-1688-BLADE)	Individual packing
125 μm	Single fiber 250μm & 900μm	5-20 mm	62x60x56 mm 2.4"x2.4"x2.2"	16 cutting points Material: Tungsten steel	Color box

▶ FB-C008 / FB-C009 Fiber Optic One Click Cleaner

600 cleans for FC/PC, ST, SC or LC Connectors and Bulkheads
Cleaning system rotates 180° for a full sweep

Extendable nozzle allows easy to reach the recessed connectors
Indication Window for easy checking

Easy pushing motion engages cleaner with audible click sound
Dry cleaning cloth eliminates the need for solvents



Model NO.	Applications	Length		Cleaning capacity	Individual packing
		Standard	Extended		
FB-C008	2.5 mm FC/PC, ST and SC Connectors and Bulkheads	175 mm / 6.9"	210 mm / 8.3"	600 +	Blister card
FB-C009	1.25 mm LC Connectors and Bulkheads				

▶ FB-C010 Fiber Optic Connector Cleaner



Refillable cleaning tape

Full cleaning for SC, FC, MU, LC, ST, D4, DIN Connectors



- Special non-alcohol high density textile fiber type eliminates the need for solvents
- Offering over 500 cleans for SC, FC, MU, LC, ST, D4, DIN Connectors
- Indication see through window for easy checking



The refillable cleaning tape: Model No.5FB-C010-RPM

Material	Cleaning times	Applications	Dimensions	Individual packing
high density textile fibers	500/per box	For cleaning SC, FC, ST, MU, LC, D4, MT, DIN connector	115×79×32 mm 4.5"x3.1"x1.3"	Blister card

200-047 Fiber Optic Stripper

  Strips 125 micron glass fiber with 250 micron buffer coating without scratching or nicking glass fiber.



Material	HRC	OAL(mm/inch)	Individual packing
S50C	48±2°	148 / 5.8"	Blister card

100-035 Fiber Optic Kevlar Cutter





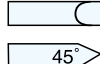
Handle	Blade HRC	Hardness (Cutting edge)	OAL	Individual packing
TPR	60~62°	HV1200	160mm / 6.3"	Blister card

900-176 Syringe Pack



Individual packing
Poly bag+Header card (3pcs/pack)



900-157 Carbide Fiber Scribe



OAL(mm/inch)	Individual packing
Ø12x130mm Ø0.47"x5.12"	Blister card





900-219 Foam Swabs Cleaning Kit

  For clean up of organic & inorganic residue in clean room and other areas. Ideal for fiber optic clean work



Individual packing
Blister card

900-137/902-260 SC/ST/LC Polishing Disk

  • Insert connector into polishing disk.
• Polish using a figure 8 motion on sandpaper sheet (not included)



900-137 (For SC/ST)



902-260 (For LC)

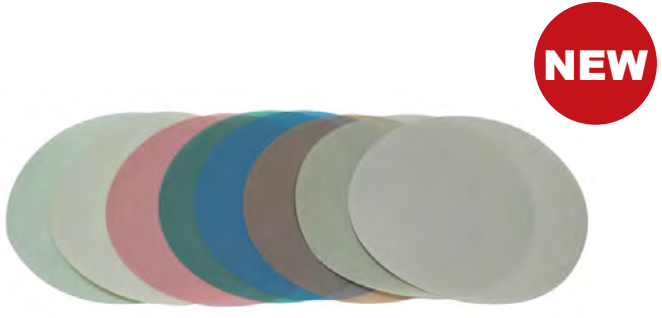


Model No.	OAL (mm/inch)	Individual packing
900-137	32.8/1.3"	Blister card
902-260	37.8/1.5"	

Diamond Lapping Film

• The diamond lapping film consists of precision graded diamond particles resin bonded to a uniform mylar film

Model No.	Specifications	Color
FB-6008-0.5D	Diamond Lapping Film, 0.5µM, Ø5" disk, 100pcs/pack	White
FB-6008-1D	Diamond Lapping Film, 1µM, Ø5" disk, 100pcs/pack	Gray
FB-6008-3D	Diamond Lapping Film, 3µM, Ø5" disk, 100pcs/pack	Purple
FB-6008-6D	Diamond Lapping Film, 6µM, Ø5" disk, 100pcs/pack	Brown
FB-6008-9D	Diamond Lapping Film, 9µM, Ø5" disk, 100pcs/pack	Blue
FB-6008-30D	Diamond Lapping Film, 30µM, Ø5" disk, 100pcs/pack	Green
FB-6008-15SIC	Silicon Carbide Lapping Film, 15µM, Ø5" PSA polis disc, 100pcs/pack	Olive green
FB-6008-30SIC	Silicon Carbide Lapping Film, 30µM, Ø5" PSA polis disc, 100pcs/pack	Olive green
Individual packing	Poly bag	



NEW

PK-6940 / PK-6942 Fiber Optic Tool Kit



The tool kit contains a complete set of fiber optic termination tools such as strippers, crimpers, kevlar cutters, viewing scope and testers, also available are fiber scribes, and cleaning kit for easy and quick termination.

PK-6940	PK-6942
Fiber optic visual fault locator (For LC connector)	(None)
Fiber optic visual fault locator (For FC/SC/ST connector)	
Foam swabs cleaning kit	
Fiber optic viewing scope kit (SC/PC/FC)	
Fiber optic viewing scope disk (LC)	
Fiber optical stripper	
Carbide fiber scribe	
LC/SC/ST Fiber polishing disk	
Universal syringe 2.5ml	
8.7" fiber optic crimping tool	
Fiber optic kevlar cutter	
Utility component storage box	
Deluxe compact tool case (250x210x90mm/9.8"x8.3"x3.5")	
Individual packing	Color Box

500-023 Fiber Optic Tool Kit



Contents	
Crimper - with additional die for more connector types (.100"/.213"/.218"/.190" and .042/.068/.151/.178/.213)	
Nick-free strippers	
Ergonomic wire cutters	
Kevlar cutting scissors	
TrueView fiber scope kt	
SC/ST/FC polishing disks	
Double-sided component box	
Swabs	
Alcohol bottle	
Syringe	
Tweezers	
Chisel tip scribe	
Zipped bag (280x197x70mm/11"x7.8"x2.7")	
Individual packing	Inner box + Color label shrink

PK-9458 FTTH Fiber Optic Tool Kit



Professional FTTH tool kit contains the most essential tools for fiber optic fusion splice, Mechanical Splicing and patch cord termination procedure. Ideal for fiber optic installation and maintenance works.

21 pcs professional tool

Includes 4 in 1 fiber optic power multimeter, 1.25mm/2.5mm cleaning tool, fiber stripper, drop cable stripper, kevlar scissors, optical Fiber Cleaver, 6P/8P crimpers, LED head light.

Contents	
MT-7602	4 in 1 fiber optic power multimeter
FB-C008/FB-C009	1.25/2.5mm One click Cleaner
FB-1688	Fiber cleaver
CP-376TR	4P/6P/8P Telecom Crimping Tool
CP-FB01	Ftth drop cable stripper
8PK-326	Fiber optical stripper
1PK-067DS	Dual color side cutting plier (165mm/6.5")
9SD-207B	Pro-soft screwdriver (+#26x100mm/1"x3.9")
9SD-201A	Pro-soft screwdriver (-3.0 3.0x75mm/0.1"x3")
DK-2043	Fiber optic kevlar cutter
DK-2060	Auto stop measuring tape
MS-018	Leak proof dispenser pump bottle
FL-528	1W LED head light
PD-2612	8 Oz curved claw hammer
SB-1592	Component storage box(145x92x40mm)
MS-153A	Bulb blower (φ42mm)
8PK-C002	Foam swabs cleaning kit
5MT-7601-LC	Fiber optical power meter lc adaptor
9PK-153	Brush
9TC-752	Aluminium frame tool case (400x280x134mm/15.7"x10.9"x5.3")
Individual packing	Color box

MISCELLANEOUS



MS-526 12 IN 1 MULTI-TOOL

★ **STAINLESS**



- Rugged stainless steel construction, corrosion-resistant.
- With nonslip rubber grip handle, more durable and comfortable.
- Comes with spring loaded long nose cutting pliers head.
- Folds to a compact pocket size that is convenient to take anywhere.
- With pouch bag for easy storage.
- Dimension: 6.1"(155mm) Overall (not including knives) and 3.9"(100mm) closed.

Application
Pliers, Scissor, Saw, Phillips screwdriver, Bottle opener, Can opener, Knife, Flat file, Flat screwdriver, Awl/Knife, Flat screwdriver

MS-525 9 IN 1 MULTI-TOOL



- Made of stainless steel, rugged and corrosion-resistant.
- Anodized aluminum handles with nonslip grip, more durable and comfortable.
- Comes with spring loaded long nose cutting pliers head.
- Folds to a compact pocket size that is convenient to take anywhere.
- With pouch bag for easy storage.
- Dimension: 6.3"(160mm) Overall (not including knives) and 3.9"(100mm) closed.

Contents
Serrated knife, Can opener, Phillips screwdriver, Knife, Saw, Bottle opener, Flat screwdriver, Flat file

902-461 Triple Thread Chaser Set

NEW



Ideal for iron, aluminum, zinc alloy, plastic.

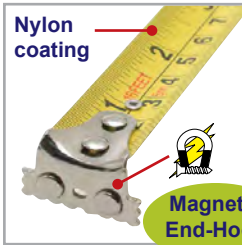
- Comes with high speed steel blade and PVC handle.
- Quickly forms new threads, re-forms burred threads, and cleans out plaster obstruction.
- Taps three hole sizes and each tap size rethreads to next larger size if threads are stripped
- Applicable to iron, aluminum, zinc alloy, copper, fiber PCB, bakelite, plastic.

Contents	902-461(2 pcs/set)	
Tap Sizes	6-32, 8-32, 10-32	10-24, 12-24, 1/4-20
Torque	≥ 23kg-cm	≥ 70kg-cm
Hardness	HRC 64 [±] 2°	
Material of handle	PVC	
Material of blade	High speed steel (H.S.S.)	
Handle size	Φ20×80mm	
Blade size	Φ4.8×45mm	Φ6.3×45mm
OAL	125mm / 4.9"	

▶ **900-150/900-151 Measuring Tape**



- Blade with Nylon coating for easy scale reading and avoiding light reflection.
- Magnetic end-hook for convenient measuring.
- Anti-slip and shockproof rubber case.
- Hi-rel power tape.

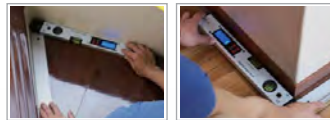


Model No.	L (Max.)	W (Max.)	Individual packing
900-150	5M/16ft	19mm/3/4"	Blister card
900-151	7.5M/25ft	25mm/1"	Blister card

▶ **PD-160 16" Digital LCD Angle Level**

- Easily readable LCD Display shows the exact angle at once.
- Automatically shuts off after 5 minutes.
- Comes with backlight allowing use even in dark area.
- Data hold function helps user record the reading .
- Mechanical locking function.

NEW



Material	Measuring angle range	Digital accuracy	Measuring precision	Auto shut off
Aluminum Alloy steel	0 to 225 degrees	0.1 degree	±0.5 degree	5 min
Backlight	Dual spirit (bubble) level indicators	Size of the LCD display	Battery Type	Length (mm/inch)
Yes	Vertical / Horizontal	50x19mm 2"x0.7"	DC 9V (6F22) (not included)	400/15.6
				Individual packing
				Color box

▶ **PD-155 9" Torpedo Level**

- Lightweight and compact
- With magnet for hands-free work
- Provides accurate readings, including horizontal, vertical and 45-degree angles.
- Easy-to-read with fluorescent green gauges



Material	3 vials	OAL	Individual packing
ABS plastic construction	45°, 90° & 180°	220mm/9"	Blister card

▶ **400-044 6" Digital Caliper**

- Hardened stainless steel.
- High quality 6" (150mm), thumb wheel for accuracy and ease with 4 measurement: inside, outside, depth and step.
- Precision-ground and lapped measuring surface.



Depth diameter measurement



Inside diameter measurement



Outside diameter measurement

Material	Range	Accuracy	Resolution	Individual packing
AISI430	0-150mm/0-6"	±0.02mm/0.001"(<100mm) ±0.03mm/0.001"(>100mm)	0.1mm / 0.0005"	Plastic box + Color label sleeve

▶ **902-532/902-533 Electrical tape**

- 7-mil (0.18m) thick polyvinyl chloride (PVC) color-coding tape
- Temperature range of 0-176°F (-18°C-80°C)
- UL Listed
- 3/4 in x 66 ft



902-533 White



902-532 Black

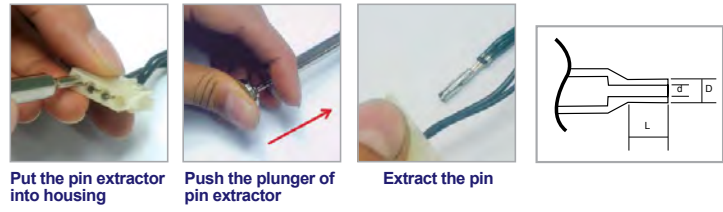
Individual packing
10 rolls/pack

(Priced by the individual roll)

▶ **CE-0275 Pin Extractors**

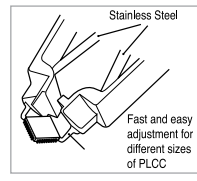


- Designed for use with various connectors such as MOLEX, AMP, TYCO, etc
- 5 different size insertion tools
- Available individually or as a set of 5 in a pouch



Model No.	L	DØ	dØ	(D-d)/2	Remark
902-394	0.45"	0.150"	0.122"	0.014"	-
902-395	0.57"	0.106"	0.085"	0.011"	Inter-locking
902-396	0.50"	0.157"	0.110"	0.023"	-
902-397	0.79"	0.126"	0.102"	0.012"	V.35 male
902-398	0.67"	0.130"	0.110"	0.008"	V.35 female
CE-0275 Contents: One each of five extractors above. Comes in plastic carrying pouch.					
Individual packing				Blister card	

▶ **900-032 PLCC Extractor**



A spring assisted chip carrier extraction tool, specially designed for the safe removal of PLCC's from sockets without damage to component parts.

Material	OAL (mm/inch)	Individual packing
AISI 410 + POM	100x50/ 3.9"x2"	Blister card

▶ **902-224 PLCC Extractor**



Material	OAL (mm/inch)	Individual packing
AISI 210 + POM	145x76/ 5.7x3"	Blister card

▶ **900-258 IC Extractor**

- Stainless steel construction for removing dual in-line IC packages. (Insulated vinyl grip.)



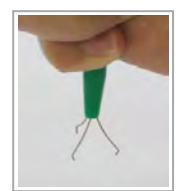
Individual packing
Blister card

▶ **900-094 3-Pronged Parts Grabber**

- Plunger opens prongs



Individual packing
Blister card



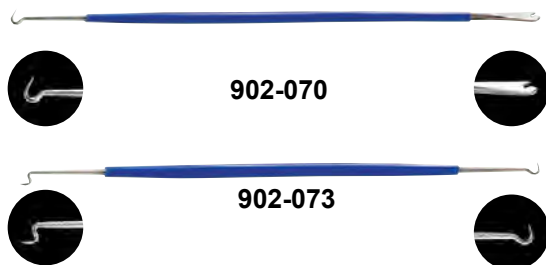
▶ **900-065 Insertion/Extraction Tool**



- RS232 insertion & extraction use
- Red: insertion PIN
- White: extraction PIN

Model No.	Body	Handle	O.A.L (mm/inch)	Individual packing
900-065	Metal	PP	102/4	Pouch

▶ **902-070/902-073 Spring Hook**



• Can grab small spring and wires.

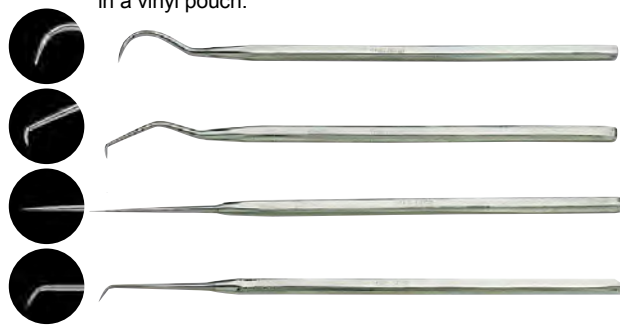


Model No.	Material	OAL (mm/inch)	Individual packing
902-070	AISI 410	205/8	Blister card
902-073	AISI 410 + PVC		

▶ **900-205 4 PCS Probe Set**



• 4pcs stainless steel single-ended probe that can be used for all kinds of precision work in electronics.
• Hook, curved, straight and angle tips 4 types packed in a vinyl pouch.



Material	OAL (mm/inch)	Individual packing
AISI 410	Straight:145/5.7 Angled:140/5.5	Pouch

▶ **1PK-3179 5 PC Spudger/Prying Tool Assortment**

This set contains 5 tools for opening and prying tablet computers, cell phones, monitors and disconnecting small electronic components without damaging housing or parts.



Contents	
1 PC Double-ended metal spudger	OAL:185mm
1 PC Nylon solder aid tools	OAL:150mm
2 PCS Polyoxymethylene (POM) opening levers	OAL:84.4mm, 88.7mm
1 PC Prying paddle	30.5x30.5x30.5mm

▶ **MS-161 Heavy-Duty Suction Cup**

MS-161 comes with ABS handle and TPR suction cap, features comfortable grip and high suction capacity up to 11kgs. Easy to remove the glass-sheathed displays.

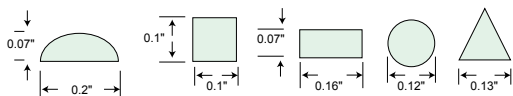


• Size: Ø 58mm x 72mm
• Max. Load: 11kgs (24.3lbs)



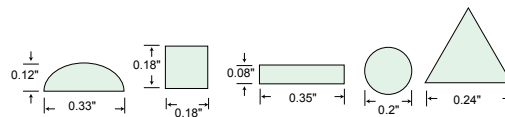
Material		Suction Capability	Dimension(mm/inch)	Individual packing
Handle	suction cup			
ABS	TPR	11kgs (24.3lbs)	Ø 58mm x 72mm/ Ø 2.3" x 2.8"	Blister card

▶ **900-019 5 PCS Needle File Set**



Material	HRC	Cut length	Handle O.D.	OAL	Individual packing
SKS-8	60°	75mm/ 3.0"	Ø 5mm/ Ø 0.2"	170mm/ 6.7"	Pouch

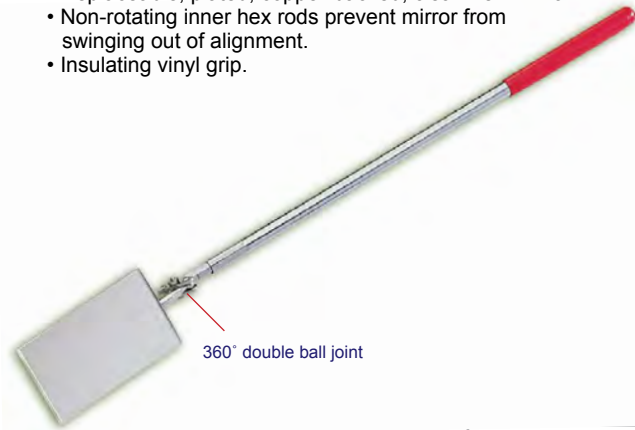
▶ **900-216 5 PCS Needle File Set**



Material	HRC	Cut length	Handle O.D.	OAL	Individual packing
SKS-8	60°	85mm/ 3.3"	Ø 7mm/ Ø 0.28"	180mm/ 7.1"	Pouch

▶ **900-103 Inspection Mirror**

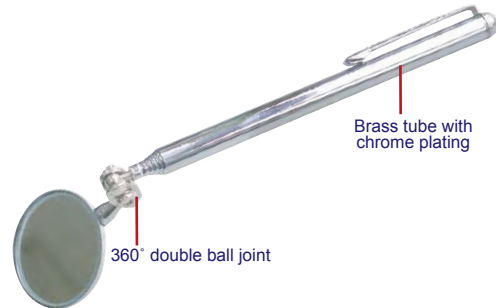
- **Pb** All-angle ball joint mirror with stainless steel back.
- Visual inspection of hidden areas.
- Double ball joint links swivel mirrors for viewing to 360°.
- Made of tempered spring steel to move freely and hold desired position.
- Replaceable, plated, copper-backed, clear-view mirror.
- Non-rotating inner hex rods prevent mirror from swinging out of alignment.
- Insulating vinyl grip.



Lens size	OAL	Individual packing
50x90mm 2"x3.5"	216 ~ 490mm 8.5"~19.3"	Blister card



▶ **900-255 Inspection Mirror**



Lens size	Extension length	Individual packing
Ø32mm (1.25")	178~505mm (7.9"~19.9")	Blister card

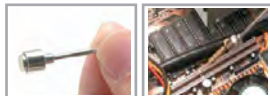


▶ **MS-322 Telescopic Magnetic Pick-Up Tool**

- **Pb** A handy chrome plated telescopic magnetic retrieving tool.
- Ideal for hard-to-reach working.
- Extension length: max. 450mm(17.7")
- Maximum pick-up: 590g(1.3lb)



Individual packing
Blister card



▶ **900-158 Automatic Center Punch**



Tip Material	OAL (mm/inch)	Individual packing
HSS	133/5.2	Blister card



▶ **900-177 Multi-Fuse Puller**

- Shock-proof durable plastic
- Serrated grip design to prevent slipping
- Safely removes 0~200A/250V and 0~100A/600V Cartridge fuses



Individual packing
Blister card

▶ **800-070 Magnetizer Demagnetizer**



- A convenient pocket sized tool, housed in a strong plastic case.
- Ideal for the general magnetizer demagnetizer of small hand tool i.e screwdriver, hexagon keys.



Individual packing
Blister card

902-256/902-257 Push-button Pick-up Tool



902-257 (600mm/23.6'')



902-256 (265mm/10.4'')



Open the jaws

Pick up the object easily

- 900-256: Push-Button Pick-Up Tool has a 265mm /10.4" flexible stem with a small set of jaws at one end.
- 900-257: Long Push-Button Pick-Up Tool has a 600mm /23.6" flexible stem with a small set of jaws at one end.
- Ideal for home, shop, garage, work place etc.

Individual packing

Blister card

902-255 Long Pick-up Tool with Magnet Tip



902-255 (620mm/24.4'')

Powerful magnet lifts

1.5KG



Pick up small metallic objects from inaccessible areas

- Long Pick-Up Tool with Magnet Tip is an extendable magnetic tool for picking up small metallic objects from inaccessible areas.
- This Pick-Up Tool has a 620mm/24.4" flexible stem with a strong magnet at one end.
- Powerful magnet lifts 1.5KG
- Ideal for home, shop, garage, work place etc.

Individual packing

Blister card

902-511 Storage Strap

- Industrial strength & weather resistant
- Holds up to 150 lbs.
- Width and length 3x23 inch.



NEW

Demo only
(Hose not included)

Material	Individual packing
Nylon	Hanger

MS-C002 Mini Vacuum & Blowing Cleaner



High speed 25000 rpm and easy-to-use handy vacuum cleaner with attachments for vacuuming / blowing / brushing off dirt and dust.



Vacuum cleaner



Sweeping brush



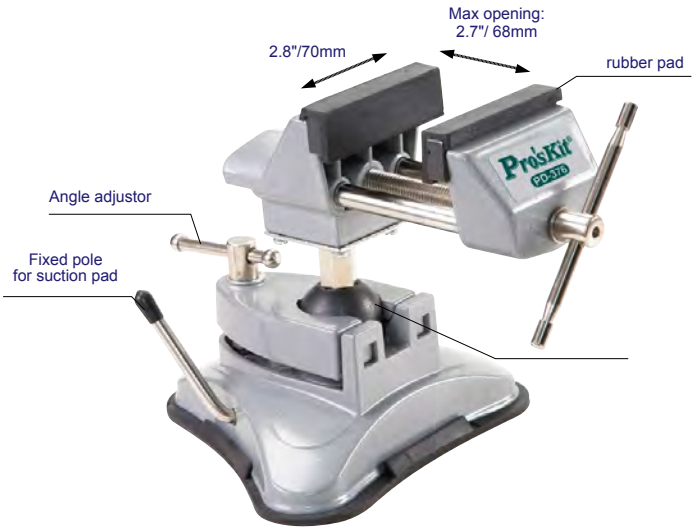
Blowing cleaner



NEW

Speed	Torque	Output	Power	Size(mm/inch)	Individual packing
25,000 rpm	26 g-cm	5.15W/1.83A	DC 6.0V (AA 1.5V×4 pcs)	Ø 45×130×90 / Ø 18.0×5.1×3.5	color box

▶ **902-117 Multi-Angle Swivel-Actions Vacu-Vise**



- Suction areas must be smooth, flat and clean.
- Adding a little water under vacuum base is recommended.

- Swivels 360° and tilts 90° to desired angle.
- 2.8" (70mm) metal jaws open to 2.7" (68mm).
- Equipped with slide-on rubber jaw for fragile work.
- 6 1/4" (158mm) triangular base.
- Aluminum die-cast construction.
- Light weight and durable.



360° rotary maximum incline level: 45°

Replacement Jaw	Individual packing
902-117-JAWS	Plain box+Color label

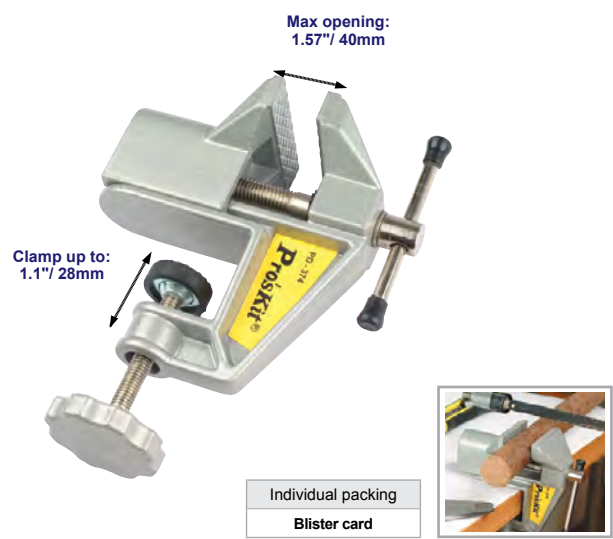
▶ **PD-372 Mini Vise**



Individual packing
Blister card



▶ **900-049 Hobby Vise**



Individual packing
Blister card



▶ **900-179 Heavy Duty Curved-Claw**



Material	Weight	OAL (mm/inch)	Individual packing
Handle: Fiberglass, S45C	454g (16 oz/1 lb)	330/13	Tag

▶ **902-116 6 In 1 Mini Hammer**

- The 6 in 1 mini hammer with six different interchangeable heads: two round steel, one flat brass, one flat plastic and one tinner's steel.



OAL (mm/inch)	Individual packing
185/7.3	Blister card

CONNECTORS



Assorted Splitters



902-369



902-370



902-371



902-365



902-362



902-363



902-364



Splitters		
Description	Part No.	Type
2-2,300 MHz	902-362	2-Way
	902-363	3-Way
	902-364	4-Way
5-1,000 MHz	902-369	2-Way
	902-370	3-Way
	902-371	4-Way

Diplexer		
Description	Part No.	Type
2-2,300 MHz	902-365	2-Way

(Required the use of a separator)

Crimp-On, Twist-On, Push-On Connectors



902-382
902-367

CRIMP-ON



902-368

TWIST-ON



902-384



902-383

PUSH-ON

F Type Coax Crimp-On Connectors			
Description	Part No.	QTY	PKG
Crimp-On RG6Q	902-382-10	10	Blisterpack
	902-382-100	100	Jar
Crimp-On RG6	902-367-10	10	Blisterpack
	902-367-100	100	Jar

F Type Coax Twist-On Connectors			
Description	Part No.	QTY	PKG
Twist-On RG6	902-368-10	10	Blisterpack
	902-368-100	100	Jar
Twist-On RG59	902-384-10	10	Blisterpack
	902-384-100	100	Jar

F Type Coax Push-On Connectors			
Description	Part No.	QTY	PKG
Push-On RG6	902-383-10	10	Blisterpack
	902-383-100	100	Jar



Compression Style Connectors -F, RCA & BNC Type

- Provide high quality termination and years of trouble free service
- Waterproof
- 360° shield termination



705-001-BK 705-002-BU 705-004-WH 705-004-YL 705-004-RD 705-004-GN 705-004-BK 705-004-BU 705-006-BK 705-007-BU 705-003-BK 705-005-BK 705-008-BK

F

RCA

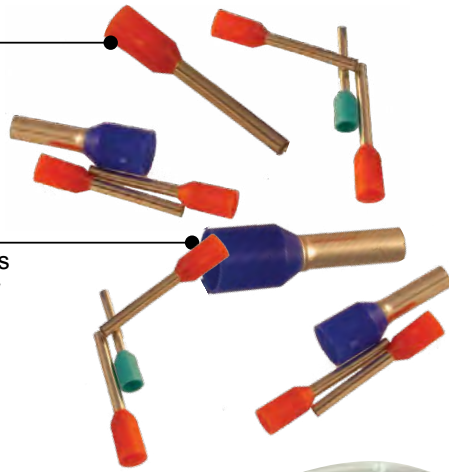
BNC

Model No.	Description	Pkg Q'ty	Individual packing
705-001-BK	F connector for RG6/U (Black)	100 pcs	Jar
705-001-BK-50	F connector for RG6/U (Black)	50 pcs	Jar
705-001-BK-20	F connector for RG6/U (Black)	20 pcs	Blisterpack
705-001-BK-10	F connector for RG6/U (Black)	10 pcs	Blisterpack
705-002-BU	F connector for RG6 Quad (Blue)	100 pcs	Jar
705-002-BU-50	F connector for RG6 Quad (Blue)	50 pcs	Jar
705-002-BU-20	F connector for RG6 Quad (Blue)	20 pcs	Blisterpack
705-002-BU-10	F connector for RG6 Quad (Blue)	10 pcs	Blisterpack
705-003-BK	F connector for RG59/U (Black)	100 pcs	Jar
705-003-BK-50	F connector for RG59/U (Black)	50 pcs	Jar
705-003-BK-20	F connector for RG59/U (Black)	20 pcs	Blisterpack
705-003-BK-10	F connector for RG59/U (Black)	10 pcs	Blisterpack
705-004-GN	RCA connector for RG6/U (Green)	100 pcs	Jar
705-004-GN-50	RCA connector for RG6/U (Green)	50 pcs	Jar
705-004-GN-20	RCA connector for RG6/U (Green)	20 pcs	Blisterpack
705-004-GN-10	RCA connector for RG6/U (Green)	10 pcs	Blisterpack
705-004-BU	RCA connector RG6/U (Blue)	100 pcs	Jar
705-004-BU-50	RCA connector RG6/U (Blue)	50 pcs	Jar
705-004-BU-20	RCA connector RG6/U (Blue)	20 pcs	Blisterpack
705-004-BU-10	RCA connector RG6/U (Blue)	10 pcs	Blisterpack
705-004-BK	RCA connector for RG6/U (Black)	100 pcs	Jar
705-004-BK-50	RCA connector for RG6/U (Black)	50 pcs	Jar
705-004-BK-20	RCA connector for RG6/U (Black)	20 pcs	Blisterpack
705-004-BK-10	RCA connector for RG6/U (Black)	10 pcs	Blisterpack
705-004-RD	RCA connector RG6/U (Red)	100 pcs	Jar
705-004-RD-50	RCA connector RG6/U (Red)	50 pcs	Jar
705-004-RD-20	RCA connector RG6/U (Red)	20 pcs	Blisterpack
705-004-RD-10	RCA connector RG6/U (Red)	10 pcs	Blisterpack
705-004-YL	RCA connector RG6/U (Yellow)	100 pcs	Jar
705-004-YL-50	RCA connector RG6/U (Yellow)	50 pcs	Jar
705-004-YL-20	RCA connector RG6/U (Yellow)	20 pcs	Blisterpack
705-004-YL-10	RCA connector RG6/U (Yellow)	10 pcs	Blisterpack
705-004-WH	RCA connector RG6/U (White)	100 pcs	Jar
705-004-WH-50	RCA connector RG6/U (White)	50 pcs	Jar
705-004-WH-20	RCA connector RG6/U (White)	20 pcs	Blisterpack
705-004-WH-10	RCA connector RG6/U (White)	10 pcs	Blisterpack
705-005-BK	RCA connector RG59/U (Black)	100 pcs	Jar
705-005-BK-50	RCA connector RG59/U (Black)	50 pcs	Jar
705-005-BK-20	RCA connector RG59/U (Black)	20 pcs	Blisterpack
705-005-BK-10	RCA connector RG59/U (Black)	10 pcs	Blisterpack
705-006-BK	BNC connector for RG6/U (Black)	100 pcs	Jar
705-006-BK-50	BNC connector for RG6/U (Black)	50 pcs	Jar
705-006-BK-20	BNC connector for RG6/U (Black)	20 pcs	Blisterpack
705-006-BK-10	BNC connector for RG6/U (Black)	10 pcs	Blisterpack
705-007-BU	BNC connector for RG6 Quad (Blue)	100 pcs	Jar
705-007-BU-50	BNC connector for RG6 Quad (Blue)	50 pcs	Jar
705-007-BU-20	BNC connector for RG6 Quad (Blue)	20 pcs	Blisterpack
705-007-BU-10	BNC connector for RG6 Quad (Blue)	10 pcs	Blisterpack
705-008-BK	BNC connector for RG59/U (Black)	100 pcs	Jar
705-008-BK-50	BNC connector for RG59/U (Black)	50 pcs	Jar
705-008-BK-20	BNC connector for RG59/U (Black)	20 pcs	Blisterpack
705-008-BK-10	BNC connector for RG59/U (Black)	10 pcs	Blisterpack

Assorted Wire Ferrules

Provide **high quality termination** and years of trouble free service

All ferrules are made with **tin plated copper**. Insulated ferrules plastic material is polypropylene, **heat resistant to 105°C** (UL/CSA* and RoHS)



701-998

Wire Ferrule Assortment Pack

Contents

50 pcs 701-028(Insulated wire ferrule, AWG 20, orange)
100 pcs 701-011(Insulated wire ferrule, AWG 18, white)
100 pcs 701-014(Insulated wire ferrule, AWG 18, yellow)
100 pcs 701-016(Insulated wire ferrule, AWG 16, red)
50 pcs 701-022(Insulated wire ferrule, AWG 14, blue)

Individual packing

Plastic compartment wheel

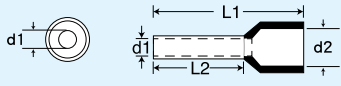


Uninsulated Wire Ferrules

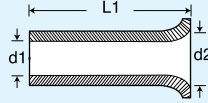
Model No.	AWG	mm ²	L1	d1	d2	Bag Q'ty
701-001	24	0.25	5	0.8	1.7	1000
701-129	22	0.34	5	0.85	1.8	1000
701-047	20	0.50	6	1.0	2.1	1000
701-048	20	0.50	10	1.0	2.1	1000
701-002	18	0.75	6	1.2	2.3	1000
701-136	18	0.75	8	1.2	2.3	1000
701-049	18	0.75	10	1.2	2.3	1000
701-050	18	1.00	6	1.4	2.5	1000
701-003	18	1.00	10	1.4	2.5	1000
701-051	16	1.50	7	1.7	2.8	1000
701-004	16	1.50	10	1.7	2.8	1000
701-052	16	1.50	12	1.7	2.8	1000
701-053	16	1.50	18	1.7	2.8	1000
701-054	14	2.50	7	2.2	3.4	1000
701-005	14	2.50	10	2.2	3.4	1000
701-055	14	2.50	12	2.2	3.4	1000
701-056	14	2.50	18	2.2	3.4	1000
701-057	12	4.00	9	2.8	4.0	500
701-006	12	4.00	12	2.8	4.0	1000
701-058	12	4.00	15	2.8	4.0	500
701-059	12	4.00	18	2.8	4.0	500
701-060	10	6.00	10	3.5	4.7	500
701-061	10	6.00	12	3.5	4.7	500
701-062	10	6.00	15	3.5	4.7	500
701-063	10	6.00	18	3.5	4.7	500
701-064	8	10.00	12	4.5	5.8	250

Model No.	AWG	mm ²	L1	d1	d2	Bag Q'ty
701-065	8	10.00	15	4.5	5.8	250
701-066	8	10.00	18	4.5	5.8	250
701-147	8	10.00	25	4.5	5.8	500
701-067	6	16.00	12	5.8	7.5	200
701-068	6	16.00	15	5.8	7.5	200
701-069	6	16.00	18	5.8	7.5	200
701-070	6	16.00	25	5.8	7.5	200
701-071	6	16.00	32	5.8	7.5	200
701-115	4	25.00	12	7.3	9.5	100
701-072	4	25.00	15	7.3	9.5	200
701-073	4	25.00	18	7.3	9.5	200
701-074	4	25.00	25	7.3	9.5	200
701-075	4	25.00	32	7.3	9.5	200
701-076	2	35.00	18	8.3	11.0	100
701-077	2	35.00	25	8.3	11.0	100
701-078	2	35.00	30	8.3	11.0	100
701-079	2	35.00	32	8.3	11.0	100
701-080	1/0	50.00	18	10.3	13.0	100
701-081	1/0	50.00	25	10.3	13.0	100
701-082	1/0	50.00	32	10.3	13.0	100
701-142	2/0	70.00	25	12.5	15.0	100
701-125	2/0	70.00	32	12.5	15.0	100
701-126	3/0	95.00	32	14.5	17.0	100
701-127	4/0	120.00	32	17.2	19.0	100
701-128	300 MCM	150.00	32	19.5	21.0	100
701-146	350 MCM	185.00	32	20.0	23.5	100
701-148	500 MCM	240.00	40	23.0	25.0	25

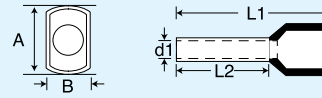
Insulated Wire Ferrules



Uninsulated Wire Ferrules



Twin Wire Ferrules



Individual packing

Poly Bag or Blister card

Insulated Wire Ferrules

Model No.	AWG	mm ²	color	L1	L2	d1	d2	Pkg Qty
701-088	26-28	0.14	Gray	10	6	0.60	1.5	500
701-088-100	26-28	0.14	Gray	10	6	0.60	1.5	100
701-025	24	0.25	Lt.Blue	10	6	0.85	1.8	500
700-025-100	24	0.25	Lt.Blue	10	6	0.85	1.8	100
701-104	24	0.25	Yellow	10	6	0.85	1.8	500
701-104-100	24	0.25	Yellow	10	6	0.85	1.8	100
701-007	24	0.25	Lt.Blue	12	8	0.85	1.8	500
701-007-100	24	0.25	Lt.Blue	12	8	0.85	1.8	100
701-026	22	0.34	Turquoise	10	6	0.85	2.0	500
701-026-100	22	0.34	Turquoise	10	6	0.85	2.0	100
701-027	22	0.34	Turquoise	12	8	0.85	2.0	500
701-027-100	22	0.34	Turquoise	12	8	0.85	2.0	100
701-008	20	0.50	Orange	12	6	1.00	2.6	500
701-008-100	20	0.50	Orange	12	6	1.00	2.6	100
701-030	20	0.50	White	18	12	1.00	2.6	500
701-030-100	20	0.50	White	18	12	1.00	2.6	100
701-013	20	0.50	White	16	10	1.00	2.6	500
701-013-100	20	0.50	White	16	10	1.00	2.6	100
701-097	20	0.50	White	14	8	1.00	2.6	500
701-097-100	20	0.50	White	14	8	1.00	2.6	100
701-098	20	0.50	Blue	14	8	1.30	2.6	500
701-098-100	20	0.50	Blue	14	8	1.30	2.6	100
701-028	20	0.50	Orange	14	8	1.00	2.6	500
701-028-100	20	0.50	Orange	14	8	1.00	2.6	100
701-131	20	0.50	Gray	16	10	1.00	2.6	500
701-131-100	20	0.50	Gray	16	10	1.00	2.6	100
701-010	20	0.50	Orange	16	10	1.00	2.6	500
701-010-100	20	0.50	Orange	16	10	1.00	2.6	100
701-029	20	0.50	White	12	6	1.20	2.8	500
701-029-100	20	0.50	White	12	6	1.20	2.8	100
701-111	20	0.75	Gray	14	8	1.20	2.8	500
701-111-100	20	0.75	Gray	14	8	1.20	2.8	100
701-011	18	0.75	White	14	8	1.20	2.8	500
701-011-100	18	0.75	White	14	8	1.20	2.8	100
701-031	18	1.00	Yellow	12	6	1.40	3.0	100
701-031-100	18	1.00	Yellow	12	6	1.40	3.0	500
701-132	18	1.00	Red	12	6	1.40	3.0	500
701-132-100	18	1.00	Red	12	6	1.40	3.0	100
701-014	18	1.00	Yellow	14	8	1.40	3.0	500
701-014-100	18	1.00	Yellow	14	8	1.40	3.0	100
701-099	18	1.00	Red	14	8	1.40	3.0	500
701-099-100	18	1.00	Red	14	8	1.40	3.0	100
701-023	18	1.00	Yellow	16	10	1.40	3.0	500
701-023-100	18	1.00	Yellow	16	10	1.40	3.0	100
701-130	18	1.00	Red	16	10	1.40	3.0	500
701-130-100	18	1.00	Red	16	10	1.40	3.0	100
701-032	18	1.00	Yellow	18	12	1.40	3.0	500
701-032-100	18	1.00	Yellow	18	12	1.40	3.0	100
701-117	18	1.00	Red	18	12	1.40	3.0	500
701-117-100	18	1.00	Red	18	12	1.40	3.0	100
701-016	16	1.50	Red	14	8	1.70	3.5	500
701-016-100	16	1.50	Red	14	8	1.70	3.5	100
701-100	16	1.50	Black	14	8	1.70	3.5	500
701-100-100	16	1.50	Black	14	8	1.70	3.5	100

All Ferrules are copper with tin plating (UL and RoHS)

Model No.	AWG	mm ²	color	L1	L2	d1	d2	Pkg Qty
701-024	16	1.50	Red	18	12	1.70	3.5	500
701-024-100	16	1.50	Red	18	12	1.70	3.5	100
701-138	16	1.50	Black	18	12	1.70	3.5	500
701-138-100	16	1.50	Black	18	12	1.70	3.5	100
701-122	16	1.50	Black	16	10	1.70	3.5	500
701-122-100	16	1.50	Black	16	10	1.70	3.5	100
701-033	16	1.50	Red	24	18	1.70	3.5	200
701-033-100	16	1.50	Red	24	18	1.70	3.5	100
701-101	16	1.50	Black	24	18	1.70	3.5	500
701-101-100	16	1.50	Black	24	18	1.70	3.5	100
701-022	14	2.50	Blue	15	8	2.20	4.2	500
701-022-100	14	2.50	Blue	15	8	2.20	4.2	100
701-102	14	2.50	Gray	15	8	2.20	4.2	500
701-102-100	14	2.50	Gray	15	8	2.20	4.2	100
701-034	14	2.50	Blue	19	12	2.20	4.2	500
701-034-100	14	2.50	Blue	19	12	2.20	4.2	100
701-113	14	2.50	Gray	19	12	2.20	4.2	500
701-113-100	14	2.50	Gray	19	12	2.20	4.2	100
701-019	14	2.50	Blue	25	18	2.20	4.2	200
701-019-100	14	2.50	Blue	25	18	2.20	4.2	100
701-035	12	4.00	Gray	16	8	2.80	4.8	200
701-035-100	12	4.00	Gray	16	8	2.80	4.8	100
701-036	12	4.00	Gray	18	10	2.80	4.8	200
701-036-100	12	4.00	Gray	18	10	2.80	4.8	100
701-145	12	4.00	Orange	18	12	2.80	4.8	200
701-145-100	12	4.00	Orange	18	12	2.80	4.8	100
701-103	12	4.00	Orange	18	10	2.80	4.8	200
701-103-100	12	4.00	Orange	18	10	2.80	4.8	100
701-037	12	4.00	Gray	26	18	2.80	4.8	100
701-038	10	6.00	Black	20	12	3.50	6.3	100
701-085	10	6.00	Yellow	20	12	3.50	6.3	100
701-020	10	6.00	Black	26	18	3.50	6.3	100
701-086	8	10.00	Red	22	12	4.50	7.6	100
701-039	8	10.00	Ivory	22	12	4.50	7.6	100
701-040	8	10.00	Ivory	28	18	4.50	7.6	100
701-087	6	16.00	Blue	22	12	5.80	8.8	100
701-121	6	16.00	White	22	12	5.80	8.8	100
701-041	6	16.00	Green	22	12	5.80	8.8	100
701-021	6	16.00	Green	28	18	5.80	8.8	100
701-042	4	25.00	Brown	30	16	7.30	11.2	50
701-140	4	25.00	Yellow	30	16	7.30	11.2	50
701-133	4	25.00	Black	32	18	7.30	11.2	50
701-043	4	25.00	Brow	36	22	7.30	11.2	50
701-137	2	35.00	Red	22	16	8.30	12.7	25
701-044	2	35.00	Beige	30	16	8.30	12.7	25
701-045	2	35.00	Beige	39	25	8.30	12.7	25
701-046	1/0	50.00	Olive	36	20	10.30	15.0	25

Twin Wire Ferrules

Model No.	AWG	mm ²	color	L1	L2	d1	A/B	Pkg Qty
701-009	2X20	0.5	Orange	15	8	1.4	5.0/3.0	500
701-116	2X20	0.5	White	15	8	1.4	5.0/3.0	500
701-089	2X18	0.75	Gray	15	8	1.7	5.5/3.0	500
701-012	2X18	0.75	White	15	8	1.7	5.5/3.0	500
701-015	2X18	1.0	Yellow	16	8	2.0	5.8/3.2	500
701-090	2X18	1.0	Red	16	8	2.0	5.8/3.2	500
701-139	2X18	1.0	Red	20	12	2.0	5.8/3.2	500
701-017	2X16	1.5	Red	16	8	2.2	6.5/3.6	500
701-143	2X16	1.5	Red	20	12	2.2	6.5/3.6	500
701-091	2X16	1.5	Black	16	8	2.2	6.5/3.6	500
701-120	2X16	1.5	Black	20	12	2.2	6.5/3.6	500
701-018	2X14	2.5	Blue	18	9	2.8	8.0/4.5	500
701-083	2X14	2.5	Blue	21	12	2.8	8.0/4.5	200
701-084	2X12	4.0	Gray	23	12	3.5	9.0/5.2	200
701-112	2X10	6.0	Yellow	26	14	4.5	11.4/6.2	100
701-135	2X8	10.0	Red	24	12	5.8	13.4/7.6	100
701-114	2X6	16.0	Blue	29	16	8.3	17.2/9.5	50

Assorted Terminals



RING TERMINALS



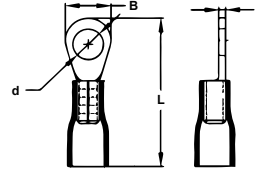
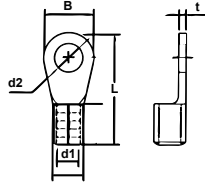
CLOSED END CONNECTORS



BUTT SPLICES

FEMALE DISCONNECTS

SPADE TERMINALS



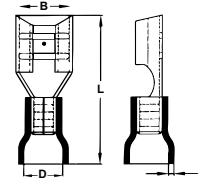
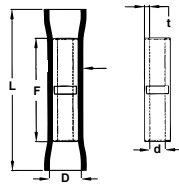
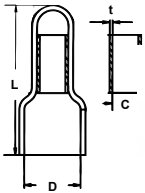
Uninsulated Ring Terminals (Brazed Seam)

AWG	Part No.	Stud Size	d1	d2	B	L	t
22-16	902-407-10	#4	.074	.126	.217	.453	.029
	902-406-10	#6	.074	.146	.260	.567	.029
	902-408-10	#8	.074	.169	.260	.567	.029
	902-409-10	1/4"	.074	.252	.457	.846	.029
16-14	902-410-10	#6	0.98	.146	.335	.661	.031
	902-411-10	#8	0.98	.169	.260	.567	.031
	902-412-10	#10	0.98	.209	.335	.661	.031
14-12	902-413-10	1/4"	0.98	.252	.472	.835	.031
	902-414-10	#10	.133	.209	.374	.768	.031
12-10	902-415-10	#8	.141	.169	.291	.728	.039
	902-416-10	#10	.141	.209	.291	.728	.039
	902-417-10	1/4"	.141	.252	.472	1.004	.039

Insulated Ring Terminals (Vinyl)

AWG	Part No.	Stud Size	B	d	L	t
22-16 (Red)	902-437-10	#6	.217	.146	.689	.030
	902-438-10	#8	.260	.169	.803	.030
	902-439-10	#10	.315	.209	.854	.030
	902-440-10	1/4"	.457	.252	1.087	.030
16-14 (Blue)	902-441-10	#6	.335	.146	.906	.031
	902-442-10	#8	.335	.169	.906	.031
	902-443-10	#10	.335	.209	.906	.031
12-10 (Yellow)	902-444-10	1/4"	.472	.252	1.106	.031
	902-445-10	#8	.291	.169	1.051	.039
	902-446-10	#10	.374	.209	1.051	.039
	902-447-10	1/4"	.472	.252	1.281	.039

• Dimensions in Inches.



Closed End Connectors (Vinyl)

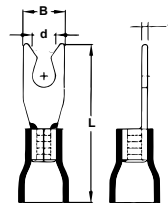
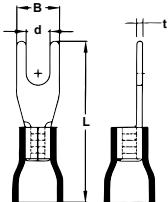
AWG	Part No.	D	C	L	T
22-16	902-402-10	.244	.102	.709	.014
16-14	902-403-10	.311	.118	.776	.014
12-10	902-404-10	.413	.157	1.004	.018
8	902-405-10	.472	.209	1.091	.037

Butt splices Connectors (Vinyl)

AWG	Part No.	D	D	L	F	T
22-16 Red	902-418-10	.169	.067	.984	.591	.030
16-14 Blue	902-419-10	.177	.094	.984	.591	.031
12-10 Yellow	902-420-10	.256	.141	1.063	.591	.037

Female Disconnects (Push-Ons) (Vinyl)

AWG	Part No.	Tab Size	D	B	L	T
22-16 Red	902-421-10	.187 x .032	.142	.197	.748	.016
	902-422-10	.205 x .020	.142	.220	.787	.016
16-14 Blue	902-423-10	.187 x .032	.173	.197	.748	.016
	902-424-10	.205 x .020	.173	.22	.787	.016
12-10 Yellow	902-425-10	.187 x .032	.213	.197	.866	.016
	902-426-10	.250 x .032	.213	.264	.984	.016



Spade Terminals (Vinyl)

AWG	Part No.	Stud Size	B	D	L	T
22-16 Red	902-448-10	#6	.224	.146	.866	.030
	902-449-10	#8	.252	.169	.866	.030
	902-450-10	#10	.209	.209	.866	.030
	902-451-10	1/4"	.252	.252	.906	.030
16-14 Blue	902-452-10	#6	.146	.146	.866	.031
	902-453-10	#8	.169	.169	.866	.031
	902-454-10	#10	.209	.209	.866	.031
12-10 Yellow	902-455-10	1/4"	.252	.252	.925	.031
	902-456-10	#8	.169	.169	1.051	.039
	902-457-10	#10	.209	.209	1.051	.039
	902-458-10	1/4"	.252	.252	1.209	.039

Locking Spade Terminals (Vinyl)

AWG	Part No.	Stud Size	B	D	L	T
22-16 Red	902-427-10	#6	.224	.146	.866	.030
	902-428-10	#8	.286	.169	.866	.030
	902-429-10	#10	.315	.209	.906	.030
16-14 Blue	902-430-10	#6	.244	.146	.866	.031
	902-431-10	#8	.283	.169	.866	.031
	902-432-10	#10	.315	.209	.866	.031
12-10 Yellow	902-433-10	#6	.319	.146	1.051	.039
	902-434-10	#8	.323	.169	1.051	.039
	902-435-10	#10	.354	.209	1.051	.039
	902-436-10	1/4"	.472	.252	1.209	.039

▶ Modular Plugs



4P4C



6P4C



8P8C



10P10C

To Select Proper Plug	
Step 1	Pick the number of positions in block and number of pins loaded in block.
Step 2	Choose flat or round cable
Step 3	Choose Stranded or Solid conductors (wire)
Step 4	Choose Premium Grade or Economy Grade - Gold thickness is only difference
Step 5	Choose Pack Quantity (retail pack of 50 pcs or Bulk bag of 1,000 pcs.)

			Premium Grade 50 uin Gold		Economy Grade Thin Gold Flash	
Pos/ Contacts	Cable Type	Wire Type	Clamshell (50pcs)	Poly bag (1000pcs)	Clamshell (50pcs)	Poly bag (1000pcs)
4P4C	Flat	Stranded	702-001	744-FA50	702-059	744-FA03
6P4C	Round	Standed	-	-	702-063	764-RA03
	Round	Solid	702-018	764-RX50	-	-
8P8C (CAT5e)	Flat	Standed	702-008	788-FA50	702-066	788-FA03
	Round	Standed	702-009	788-RA50	702-067	788-RA03
	Flat	Solid	702-021	788-FX50	702-079	788-FX15
	Round	Solid	702-022	788-RX50	702-080	788-RX15
10P10C	Round	Stranded	702-013	700-RA50	-	-

▶ CAT 6-100 RJ45 Cat.6 Plug w/Inserter 100pk

- CAT 6-100 connectors can be used for both CAT5 and CAT6 stranded RJ45 Cables. These connectors come with insertion guide for ease of use.
- Weight: 0.3 lbs



▶ Telecom Splices

- Use Crimp Tool P/N 100-008 or CP-148



UR AWG
26~20

UG AWG
19~26

UY AWG
26~22

Individual
packing

Box or Blister Pack

- Silicone gel filled for protection from elements

Model No.	Description	Package Quantity
703-001	UY Connectors	1,000 Pc. Outer box with ten 100pc box
703-003	UY Connectors	100 Pc. Clamshell
703-005	UY Connectors	25 Pc. Clamshell

Model No.	Description	Package Quantity
703-002	UR Connectors	1,000 Pc. Outer box with ten 100pc box
703-004	UR Connectors	100 Pc. Clamshell
703-006	UR Connectors	25 Pc. Clamshell

Model No.	Description	Package Quantity
703-007	UG Connectors	1,000 Pc. Outer box with ten 100pc box
703-008	UG Connectors	100 Pc. Clamshell
703-009	UG Connectors	25 Pc. Clamshell

WIRING INSTALLATION



Eclipse Pro'sKit
FISH TAPE

▶ 902-355/902-460 Heat Shrink Tubing

Used for electrical insulation, bundling, and wire identification purposes in a variety of home, commercial, and industrial applications.

- Slides easily over small inline splices and connectors.
- Can shrink down to 50% of its original diameter to fit snugly over any wire, hose or cable management project.
- Ideal way to terminate ends of Braided Sleeving, creating a tight, professional finish.



160 pieces: 4" lengths	
1/16"	60 PC
3/32"	35 PC
1/8"	25 PC
3/16"	20 PC
1/4"	10 PC
3/8"	10 PC



**902-355
(Black)**

**902-460
(Asst colors)**

▶ 900-147/900-148/900-149 Steel Fish Tapes - 1/8" wide



900-147



900-148



900-149

- Made from flexible spring steel and black finish.
- Equipped with durable plastic container and slide handle.
- Easy to thread through the pipe and pull out the electric cable.

Model No.	Steel tape size	Individual packing
900-147	50 Feet	PE shrink
900-148	100 Feet	PE shrink
900-149	200 Feet	PE shrink

▶ 902-197 Fiberglass Fish Tape



Fiberglass tape size	Individual packing
150 Feet	PE shrink

DK-2053A Fiberglass Push/Pull Rod Set (10 Pcs/set)



Ceiling ducts Under floorboards Trunking Wall cavities



Hook Ring Flexible Extender

Replacement Parts: 9DK-2053A-B
(3pcs/set Includes: Hook, Ring & Extender)

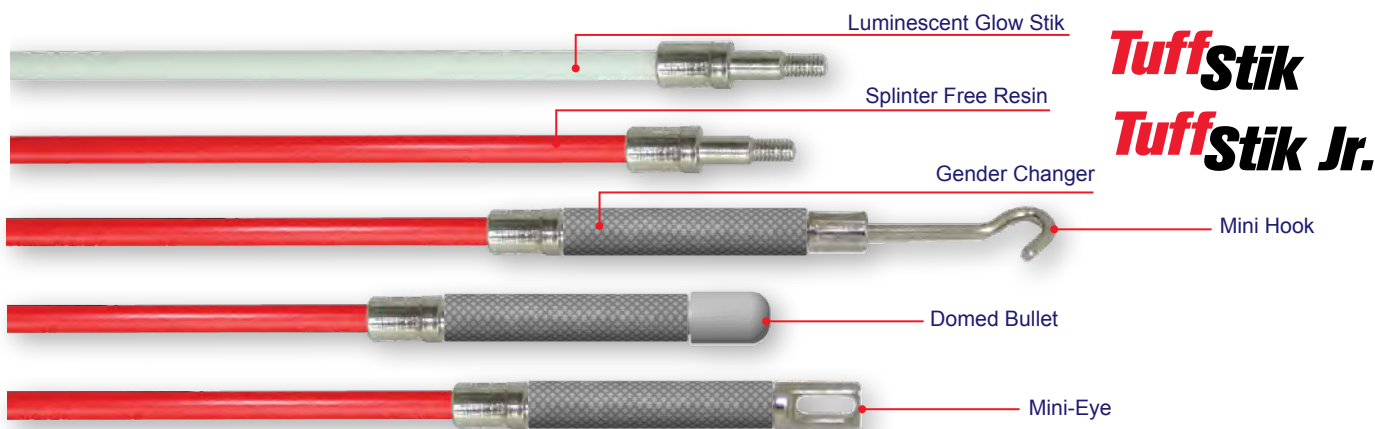


33 Feet

Description	Individual packing
3.28 feet, 10pcs/set	PVC tube

- Ideal for running multi-purpose cable in hard-to-reach area such as behind walls, up through crawl spaces, and under floors.
- 10 pcs, 1M/3.28Ft each
- Diameter 5mm±0.2mm (13/64"±0.008")

902-470/902-471 Cable Routing Tools - TuffStik & TuffStik Jr.



TuffStik
TuffStik Jr.

- Splinter-free resin eliminates dangerous splinters.
- Includes luminescent glow stik
- Non-Conductive
- Easy to connect.
- Very flexible

	Tuff Stik Jr.	Tuff Stik
Part No.	902-470	902-471
Length	15 FT	30 FT
5 FT red 3/16 stiks	X2	X5
5 FT luminescent 3/16 stiks	X1	X1
Mini-hook		902-475
Mini-eye		902-476
Domed bullet		902-478
Gender changer		902-477
5 FT packaging tube		

902-472 Cable Routing Tools - 18 FT Telescopic Push / Pull Rod With Hook

- Extendable pole with durable polyester resin baked enamel coating.
- Ideal for electricians and cable installers.
- More rigid than rod based tools for greater control over long reaches.
- Includes shoulder carrying strap.

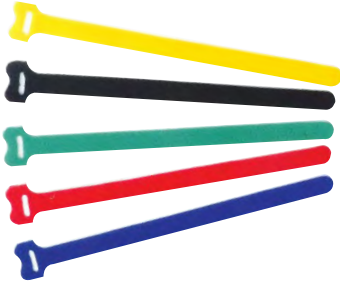


QuikStik

Cable Ties



Cable Ties



Hook and Loop Cable Ties (Packs of 25)

Description	Part No.	Color	QTY	PKG
8" Hook and Loop Cable Ties	900-098-BK	Black	25	Poly bag with header
	900-098-BU	Blue		
	900-098-GN	Green		
	900-098-OR	Orange		
	900-098-RD	Red		
	900-098-WH	White		
	900-098-YL	Yellow		

Nylon Cable Ties (Packs of 100)

Description	Part No.	Color	QTY	PKG
Nylon Cable Ties 4"x3/32"	902-012	Neutral	100	Poly bag with header
	902-019	Black		
Nylon Cable Ties 7-7/8"x3/32"	902-015	Neutral		
	902-022	Black		
Nylon Cable Ties 5-1/2"x9/64"	902-013	Neutral		
	902-020	Black		
Nylon Cable Ties 7-7/8"x9/64"	902-016	Neutral		
	902-023	Black		
Nylon Cable Ties 7-1/2"x3/16"	902-014	Neutral		
	902-021	Black		
Nylon Cable Ties 11-3/4"x3/16"	902-017	Neutral		
	902-024	Black		
Nylon Cable Ties 14-1/2"x3/16"	902-018	Neutral		
	902-025	Black		

Hook and Loop Cable Tie Assortment (Packs of 15)

Description	Part No.	Color	QTY	PKG
Colors: Black, Blue, Green, Red & Yellow	900-098-AST	Assorted	15	Poly bag with header

Hook and Loop Cable Tie Material

Description	Width	Part No.	Color	PKG
Hook and Loop Cable Tie Material (Bulk Roll, 50')	3/4" wide	902-305	Black	Poly bag with header
		902-386	Red	
		902-387	Blue	
	1/2" wide	902-035	Black	
		902-388	White	
		902-389	Blue	



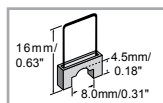
CP-391 All In One Cable Tacker



Interchangeable staple guide plate

- For insulated staples only.

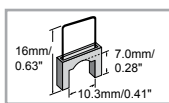
CP-391-1



Round Cable
Height: 4mm~6mm (0.16\"~0.24\")

Flat Wire
Height: 2.5mm~4.0mm
Width: Below 8.0mm

CP-391-2



Round Cable
Height: 6mm~8mm (0.24\"~0.31\")

Flat Wire
Height: 4.5mm~6.3mm (0.18\"~0.25\")
Width: Below 10.3mm (0.41\")



STEP 1
Press the staple feeder downward and remove from its channel.



STEP 2
Load a strip of staples into the channel.



STEP 3
Slide in the staple feeder and push it into its locked position.



- All in one cable tacker can work with different kinds of round cables and flat wires.
- Easy way to change different staple guide plates to match different staples (CP-391-1 or CP-391-2)

Material	OAL. (mm/inch)	Replacement staples	Individual packing
Body			
ABS	180x30x148 7.1x1.2x5.8	CP-391-1 (200pcs/pack) CP-391-2 (200pcs/pack)	Blister card

CP-392 Heavy Duty 3 In 1 Tacker



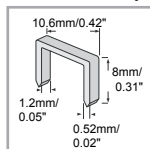
- Works with Arrow brand T25 staples.



- 1.Flat crown staples 4-14mm(5/32\"-9/16\") 200pcs
- 2.Round crown staples 10-12mm(3/8\"-1/2\") 200pcs
- 3.Brad Nails 10-14mm(3/8\"-9/16\") 200pcs

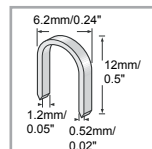
- Easy-squeeze product works overtime as a staple gun, brad nailer, cable tacker and wire tacker
- Fastens 3 different types of staples: flat crown staples, round crown staples and brad nails
- Ideal for upholstery, wood working, ceiling tiles, rack & roofing
- Adjustable punch force to match different material hardness.
- Less force to squeeze and more driving power
- Non-slip grip and quick jam release
- Made of all carbon steel construction.

CP-392-3 Flat Crown Staples



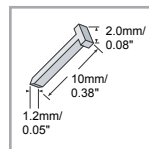
500pcs/box

CP-392-4 Round Crown Staples



500pcs/box

CP-392-5 Brad Nail



1000pcs/box

Material	OAL. (mm/inch)	Replacement staples	Individual packing
Body			
Carbon steel	160x23x140 6.3x0.9x5.5	CP-392-3 (500pcs/box) CP-392-4 (500pcs/box) CP-392-5 (1000pcs/box)	Blister card

▶ CP-382 Cable Tie Gun



- Neatly cuts end of cable tie off
- Adjustable tension control



Material		HRC	Application	OAL. (mm/inch)	Individual packing
Body	Blade				
Aluminum	S45C	Cutter 48°±2°	Cable tie from 3/32"~3/16"(2.2~4.8mm) and thickness up to 1.6mm	160/6.3	Blister card

▶ CP-383 Cable Tie Gun

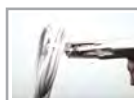


Features:

- Adjustable tension control can be used for a variety of style cable ties
- Consistent flush cut with each use
- Durable die-cast steel construction

Cable Tie:

- Thickness up to 1.3mm(0.05")
- Width up to 4.6mm(0.18")

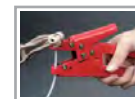


Material	O.A.L (mm/inch)	Individual packing
Steel	168/6.6	Blister card

▶ CP-385 Cable Tie Fasten Tool



- Tension adjustment allows the user to adapt the tool to the size of the tie
- Cutting lever design to cut-off the excess tie for easy operation



Tension



Cutting

Material		Application	OAL. (mm/inch)	Individual packing
Body	Blade			
Aluminum	S45C	cable ties thickness 3 mm and width 12mm	191/7.5	Blister card

▶ 902-321 Stainless Steel Cable Tie Gun

- Ideal for tensioning and cutting off stainless steel cable ties both in ball lock and ladder types.
- Heavy duty, two stage manual tensioning tool for easy operation
- OAL: 8.2"

Ideal for Stainless Steel Cable Ties

Cable tie holder is specially made of SKD11 steel and CNC ground

Cutting blade is made of SKD11 and CNC ground

Cable control bar

Self return spring design

Made of Carbon Steel

Non-slip TPR handles



Tensioning and cutting off stainless steel cable ties



Suitable for most application fields of stainless steel cable ties. And up to 12mm wide.

Individual packing
Blister Card

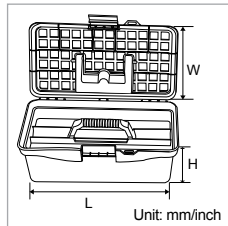
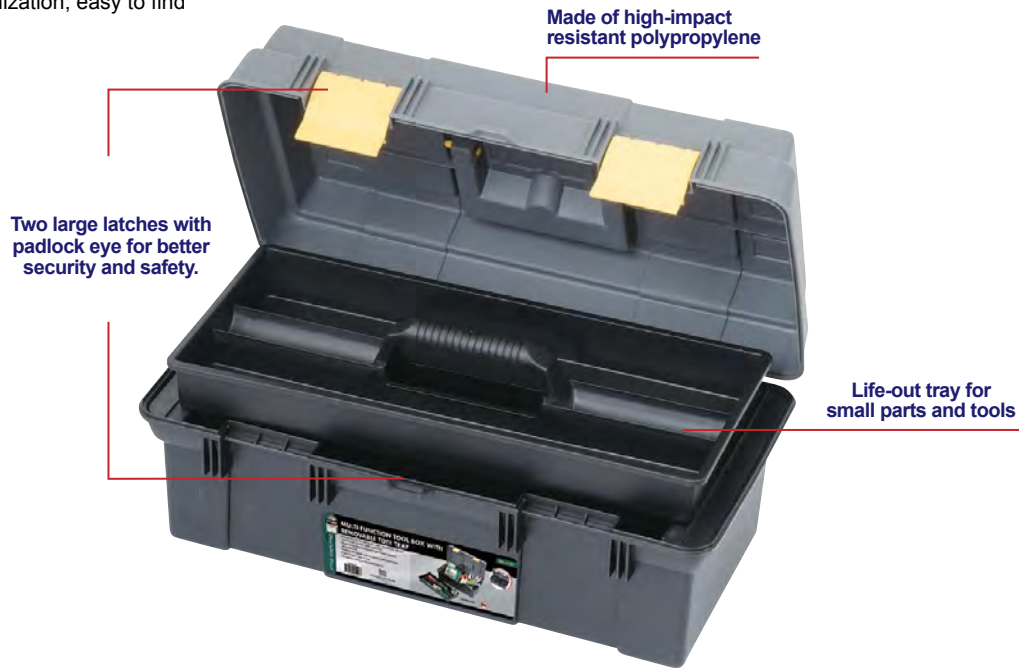
STORAGE/ INSTRUMENT CASES



SB-3218 / SB-4121 Multi-Function Tool Box With Removable Tote Tray



- Impact resistant
- Lift out tray
- Easy organization, easy to find

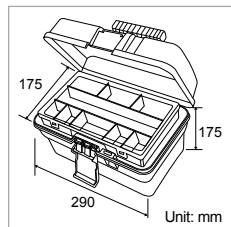


Model No.	Material	Loading Capacity	Dimension (LxWxH) (mm/inch)	Individual packing
SB-3218	polypropylene	5Kg/11Lb	315x175x130/ 12.4x6.9x5.1	Color label shrink
SB-4121		10Kg/22Lb	410x210x185/ 16.1x8.2x7.2	

SB-2918 Multi-Function Tool Box With Storage Tray



- Made from high-impact resistant polypropylene.
- Heavy-duty tool box is ideal for home, office, auto or craft.
- Portable lift-out plastic storage box inside, great for keeping small items organized
- Comfortable and rugged handle for convenient carrying.



Material	Loading Capacity	Dimension (LxWxH) (mm/inch)	Individual packing
polypropylene	5Kg/11Lb	290x175x175/ 11.4x6.9x6.9	Color label shrink

SB-3428SB / SB-4536B Service Case



Double sided opening



SB-3428SB

- Double sided opening
- Adjustable dividers up to 15 compartments and 5 large and 5 small removable inserts in the other side for storage flexibility.



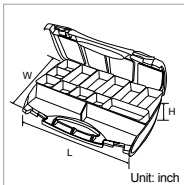
SB-4536B

- 6 large and 6 small removable inserts for storage flexibility

- Made from high impact resistant polypropylene and poly styrene, sturdy and durable
- Properly divided spaces reach the different needs of any small components.
- Integrated handle and two locks for convenient carrying.
- Easy to store, easy to find

Model No.	Material	Dimension (LxWxH) (mm/inch)
SB-3428SB	polypropylene	340x280x80 13.6x11.0x3.1
SB-4536B	+ polystyrene	450x355x75 17.7x14.0x3.0

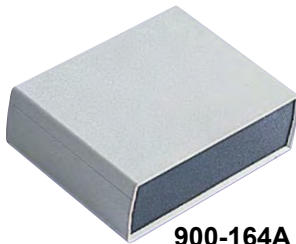
Individual packing
Color label shrink



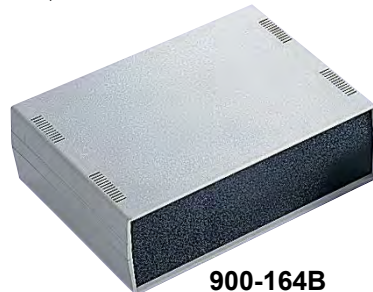
900-164A/900-164B Instrument Cases



- The durable ABS plastic cases allow for various PCB mounting positions. Adhesive feet and screws are included, choose from 2 sizes. 900-164B has ventilation slots and speaker recess.

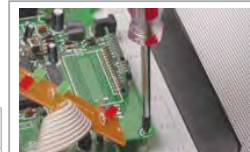


900-164A

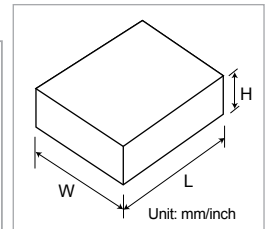


900-164B

Model No.	Material	L(mm/inch)		W(mm/inch)		H(mm/inch)		Individual packing
		OD	ID	OD	ID	OD	ID	
900-164A	ABS	200/7.9	197/7.8	158/6.2	146/5.7	64/2.5	58/2.3	Poly bag
900-164B		253/10.0	250/9.8	190/7.2	176/6.9	82/3.2	76/3.0	



Demo only



900-162A/900-162B/900-162C Die Cast Aluminum Enclosures



- The heavy-duty enclosures are made of high quality die-cast aluminum and have channeled walls for easy PCB mounting.
- These enclosures act as excellent heat sink.
- Easy assembly screws included.



900-162A



900-162B

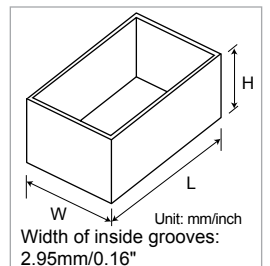


900-162C

Model No.	Material	L(mm/inch)		W(mm/inch)		H(mm/inch)		Individual packing
		OD	ID	OD	ID	OD	ID	
900-162A	Aluminum	101/4.0	97/3.8	50.6/2.0	46.6/1.8	20.7/0.81	18.8/0.74	Shrink packing
900-162B		121/4.8	116.9/4.6	66.1/2.6	62/2.4	35.4/1.4	33.5/1.3	
900-162C		193.5/7.6	187.5/7.4	112.4/4.4	106.5/4.2	56.2/2.2	54/2.1	



Demo only



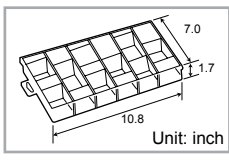
▶ 902-497 Compartment Storage Box

• Adjustable compartments for multiple uses



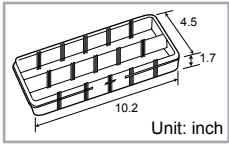
Material	Dimension (mm/inch)	Individual packing
PP	35.8x23.5x6 / 1.4x0.9x0.2	Shrink packing

▶ 900-040 Utility Component Storage Box



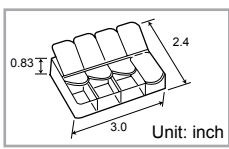
Material	Dimension (mm/inch)	Individual packing
PP	275x177x42.5/10.8x7.0x1.7	Shrink packing

▶ 900-039 Utility Component Storage Box



Material	Dimension (mm/inch)	Individual packing
PP	260x115x43.5/10.2x4.5x1.7	Shrink packing

▶ 902-113 Utility Component Storage Box



Material	Dimension (mm/inch)	Individual packing
PP	76x61x21/3.0x2.4x0.83	Shrink packing

▶ 900-091A Parts Tubes

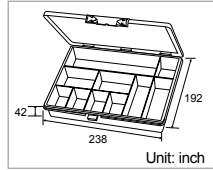


Material	Dimension (mm/inch)	Individual packing
PP	∅20x130/∅0.79x5.1	Clamshell (3pcs/pack)

▶ SB-2419 Storage Box

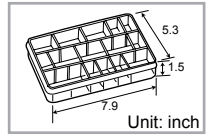


• Tight seal between top and compartments prevents small components from being mixed while closed.



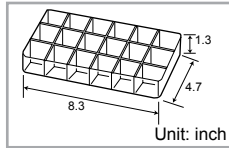
Material	Dimension (mm/inch)	Individual packing
Polypropylene	238x192x42 / 9.4x7.6x1.7	Color label shrink

▶ 900-041 Utility Component Storage Box



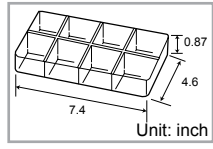
Material	Dimension (mm/inch)	Individual packing
PP	200x135x39/7.9x5.3x1.5	Shrink packing

▶ 902-112 Utility Component Storage Box



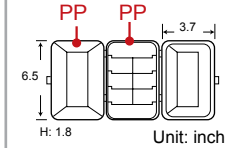
Material	Dimension (mm/inch)	Individual packing
PP	210x119x32/8.3x4.7x1.3	Poly bag

▶ 902-114 Utility Component Storage Box



Material	Dimension (mm/inch)	Individual packing
PP	187.5x117x22/7.4x4.6x0.87	Poly Bag

▶ 900-043 Utility Component Storage Box

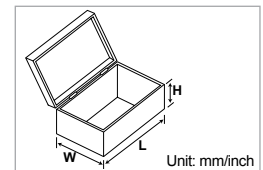
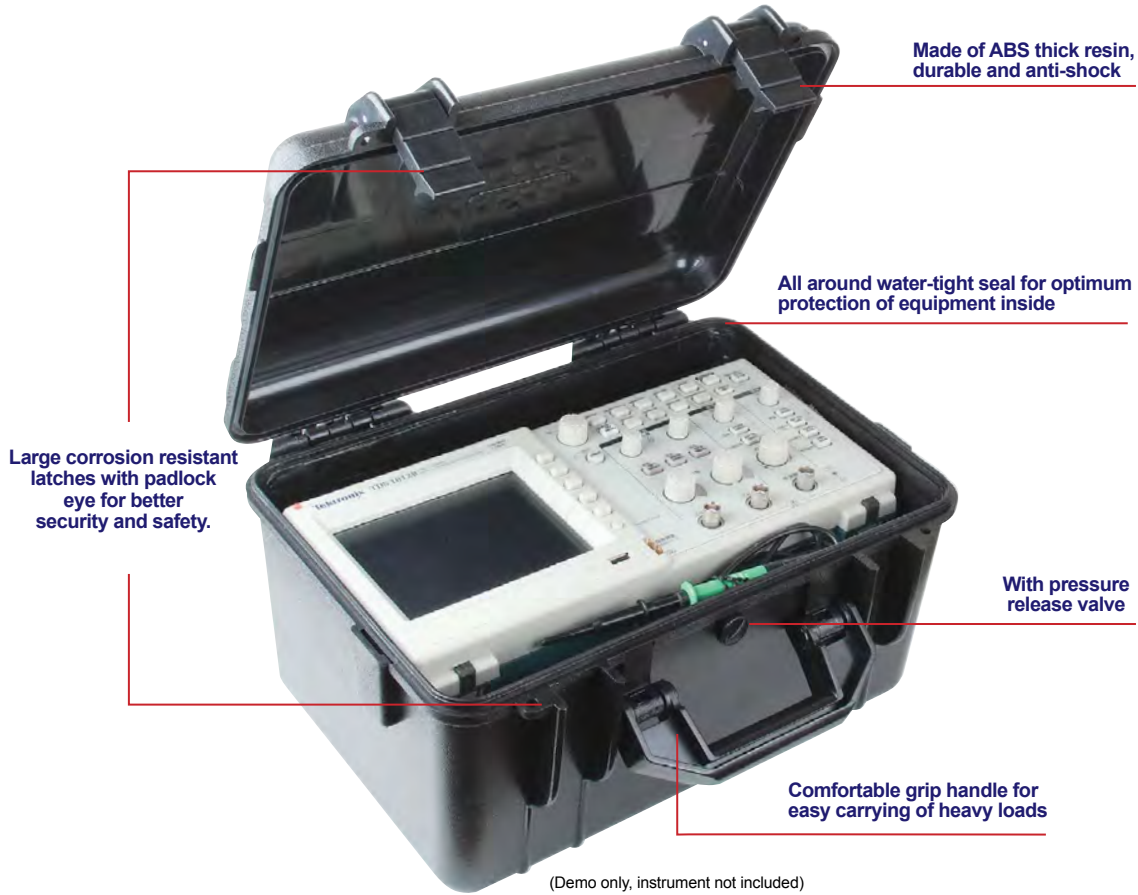


Material	Dimension (mm/inch)	Individual packing
PP/PE	165x95x45/6.5x3.7x1.8	Shrink packing

TOOL CASES



▶ **TC-265 / TC-266 / TC-267 Heavy Duty Waterproof Case**



Model No.	Material	Loading Capacity	I.D.(LxWxH) (mm/inch)	O.D.(LxWxH) (mm/inch)	Individual Packing
TC-265	ABS	20 Kg/44Lb	430x290x163 17x11.4x6.4	455x340x175 18x13.3x7	Color label shrink
TC-266		15 Kg/33Lb	330x217x160 13x8.5x6.3	340x260x170 13.3x10.2x6.7	
TC-267		15 Kg/33Lb	300x180x153 11.8x7.1x6	328x232x170 13x9.1x6.7	

▶ **900-262 Heavy-Duty ABS Case With Wheels And Telescoping Handle**

- Heavy-duty black scuff resistant molded ABS thermoplastic forms the tough shell of this case.
- Extruded aluminum rim, drawbolt key locks and strong molded handle.
- Complete with one removable pallet and removable interior dividers.
- Locking telescoping handle extends to 1000mm.
- Loading capacity : max 12kg/26Lb
- Rotationally molded heavy-duty polyethylene shell.



Rugged and comfortable grip handle

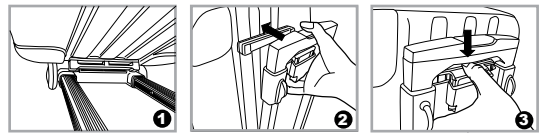


Key locks for maximum security



Standard equipment for easy opening and closing.

Assemble



Material	Loading Capacity	Dimension (mm/inch)	Individual Packing
ABS	12Kg/26Lb	456x190x335/18.3x7.5x13.2	Color Box

▶ **TC-131 Heavy Duty Luggage Cart**



- Fold flat for easy storage.
- Open quickly to hold up to 150lbs/68kg.
- Soft comfortable grip hand.
- Extra sturdy and lightweight construction.
- 125mm/4.9" large heavy duty wheels to go up and down stairs and curbs easily.
- Includes 2pcs on 100cm/3.9" stretch band.



Loading Capacity	Material		
68Kg (150lbs)	Body: Metal Platform: Aluminum steel Wheel: PP+TPU		
Dimension (mm/inch)	Weight (kg)	Individual Packing	
Fold: 385x 64x 763/15.2x2.5x30 Open: 385x 420x 1010/15.2x16.5x39.8 Platform: 385x280x6/15.2x11x0.24	3.5	Bulk	

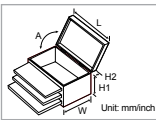
▶ TC-765 Aluminum Frame Drawer Case

- Made of rugged plastic for strength and durability .
- Sturdy aluminum frame construction.
- The drawer locks automatically when lid is closed to prevent slide out for easy mobility.
- Ball-bearing slides make drawer easy to open and close tightly.
- Non-slip lining helps you to keep tools in place.
- Cushioned carrying handle for user comfort.
- Comes with drawers at the bottom perfect to store small gadgets and tiny tools.



Drawer auto-locking design when lid is closed to prevent slide out Key locks for maximum security Heavy duty metal protective corners Ball-bearing slides make drawer easy to open and close tightly

Size	L (mm/inch)	W (mm/inch)	H1 (mm/inch)	H2 (mm/inch)	A	Individual packing
O.D	430/16.9	300/11.8	163/6.4	57/2.2	90°	Color box
I.D	410/16.1	280/11.0	70/2.8	49/1.9		
I.D(Drawer)	337/13.3	255/10.0	40/1.6	-		



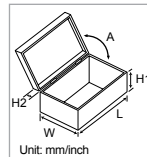
▶ 900-048 Aluminum Frame Tool Case W/1 Pallet

- Complete with one removable pallet and removable interior dividers
- Lining and partitions: EVA



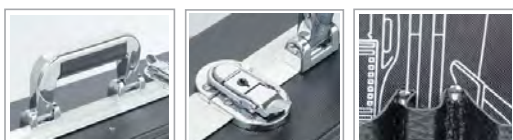
3 hinges reinforce construction Rugged and comfortable grip handle Heavy duty metal protective corners Bag with rivet design, more durable

Material	Size	L (mm/inch)	W (mm/inch)	H1 (mm/inch)	H2 (mm/inch)	A	Second Pallet	Individual packing
Frame: Aluminum	O.D	458/18.0	330/13.0	90/3.5	60/2.4	97°	900-045	Plain box + Color box
	I.D	434/17.1	308/12.1	82/3.2	53/2.1			



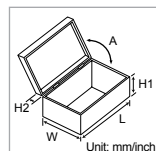
▶ 900-141 ABS Carrying Tool Case W/2 Pallet

- Complete with two removable pallets and removable interior dividers.

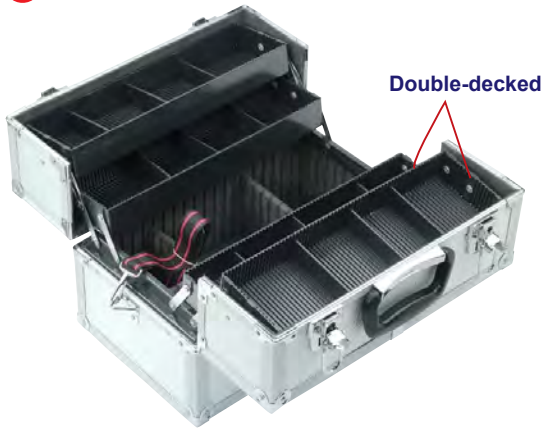


Deluxe die-cast chrome golf grip handle Key locks for maximum security Bag with rivet design, more durable

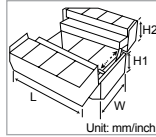
Material	Size	L (mm/inch)	W (mm/inch)	H1 (mm/inch)	H2 (mm/inch)	A	Individual packing
ABS	O.D	435/17.1	310/12.2	80/3.14	65/2.6	105°	Color box
	I.D	420/16.5	293/11.5	70/2.8	60/2.4		



▶ **900-203 Aluminum Frame Tool Case**



Double-decked

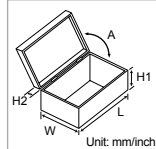


- With removable interior dividers
- Lining and partitions: EVA



Size	Material	L (mm/inch)	W (mm/inch)	H1 (mm/inch)	H2 (mm/inch)	Individual packing
O.D	Frame: Aluminum	360/14.2	220/8.7	120/4.7	110/4.3	Plain box + Color label
I.D		335/13.2	200/7.9	110/4.3	85/3.3	

▶ **900-199 ABS Carrying Tool Case W/1 Pallet**



Attractive and functional multipurpose cases

- Functional for both personal and professional business.
- Complete with one removable pallet and removable interior dividers
- Both the tool pallet and dividers are removable.
- Injection molding tool case stands. Aluminium corner frames to protect tools.
- Lining and partitions: EVA



Key locks for maximum security



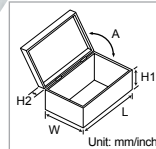
Rugged and comfortable grip handle



Heavy duty metal protective corners

Size	Material	L (mm/inch)	W (mm/inch)	H1 (mm/inch)	H2 (mm/inch)	A	Individual packing
O.D	ABS	463/18.2	331/13.0	96/3.8	75/3.0	98°	Color box
I.D		453/17.8	323/12.7	90/3.5	67/2.6		

▶ **900-011 Aluminum Frame Tool Case W/1 Pallet**



- Complete with one removable pallet and removable interior dividers
- Lining and partitions: EVA



Bag with rivet design, more durable



Rugged and comfortable grip handle



Key locks for maximum security

Size	Material	L (mm/inch)	W (mm/inch)	H1 (mm/inch)	H2 (mm/inch)	A	Second Pallet	Individual packing
O.D	Frame: Aluminum	458/18.0	330/13.0	101/4.0	49/1.9	97°	900-045	Color box
I.D		438/17.2	312/12.3	95/3.7	41/1.6			

▶ **900-054 2 In 1 Zipper Bag W/2 Pallet**



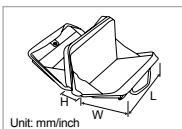
Top view



Interior pocket



Material	L (mm/inch)	W (mm/inch)	H (mm/inch)	Individual packing
PVC leather	400/15.7	300/12	120/4.7	Poly bag



▶ **900-052 Heavy Duty Zipper Bag**



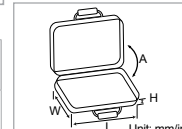
Front Side



Back Side



Material	L (mm/inch)	W (mm/inch)	H (mm/inch)	A	Individual packing
PVC leather	435/17.1	325/12.8	90/3.5	93°	Color box



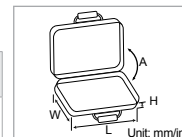
▶ **900-225 Blow Molded Case With Pre-Cut Soft Foam**

- Material: H.D.PE

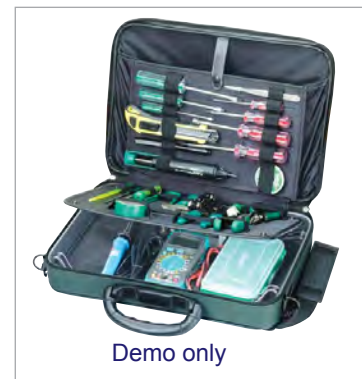
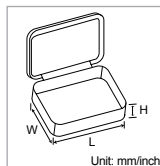


Inside dimensions:
 Base 15-5/8" X 8-3/4" at the top, 15-1/4" X 8-1/2" at the bottom, 2-1/2" deep
 Top 16-1/2" X 9-5/8", 3/4" deep

L (mm/inch)	W (mm/inch)	H (mm/inch)	Individual packing
442/17.4	279/11.0	89/3.5	Color Label



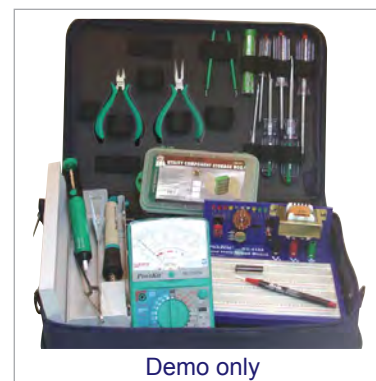
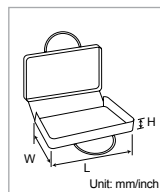
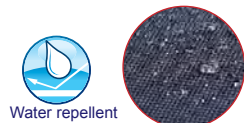
▶ 902-118 **Zipper Bag W/2 Pallets**



Material	L (mm/inch)	W (mm/inch)	H (mm/inch)	Individual packing
PVC leather	390/15.4	280/11.0	70/2.8	Color box

▶ 902-119 **Tool Bag**

• Intensive structure for strap, zipper and handle designed to enhance the durability, ideal for student market.

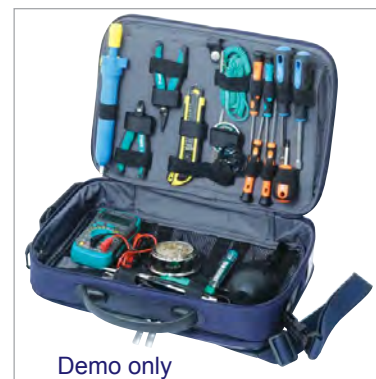
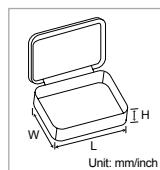
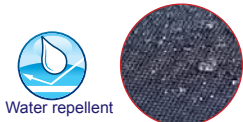


Material	L (mm/inch)	W (mm/inch)	H (mm/inch)	Individual packing
600D polyester	390/15.4	260/10.2	110/4.3	Poly bag

Convenient • Portable • Durable

▶ 900-260 **Tool Bag**

• Multi function bag with 4 inner layers ideal for storing tools, books, mobile computers, clothes, etc.



Material	L (mm/inch)	W (mm/inch)	H (mm/inch)	Individual packing
600D polyester	400/15.7	275/10.8	90/3.5	Poly bag

Convenient • Portable • Durable

ST-3216 Multi-Function Business Backpack

- **Decompress • Ventilate • Comfortable • Large capacity**
- Airflow back design provides extra soft comfort back cushion, good ventilation and maximum back support.
- Perfect ergonomic shoulder strap provides comfort, ventilation and maximum back support.


Backpack


15 kg
Heavy duty


Earbud hole


15.6"
Laptop protection


Good Ventilation


Light weight



Large Capacity

The central multi components, interior pocket organizer provides extensive capacity for laptop, pad, smartphones, pens, CDs, tools and more. The mesh side pockets are perfect for water bottles, coffee mugs or other side pockets items.

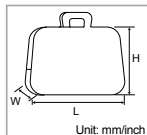


Cushion back good ventilation

Material	Dimensions(mm/inch)	Individual packing
600D polyester	310×160×470/ 12.2x6.3x19.0	Plastic bag+Hanging card

MTB-1 Mechanic's Tool Bag

- Material: 600D Polyester
- Rugged construction
- Heavy-duty zipper
- Sturdy padded handles
- Hard bottom to maintain shape
- Soft sides to allow flexibility
- 13 pocket holes for versatility



Demo only

Material	L (mm/inch)	W (mm/inch)	H (mm/inch)	Individual packing
600D Polyester	305/12.0	152/6.0	165/6.5	Poly bag

900-246 Soft Sided Tool Pouch



- Keep your tools and supplies handy.
- Made from strong durable fabric.
- complete with universal tool belt system.



Demo only
Dual purpose belt for easy carrying on shoulder or waist

Size	L (mm/inch)	W (mm/inch)	H (mm/inch)	Individual packing
O.D	305/12.0	235/9.3	95/3.7	Poly bag + Hanger

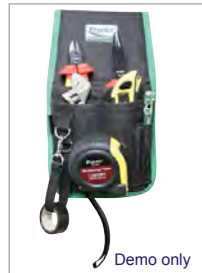
ST-5208 Tool Pouch

- Various styles for multiple tool usage.
- Different size compartments designed for easy tools classify and storage.
- Made of lightweight and durable polyester provides extra strength and carrying comfort.
- Use your own belt or use our ST-5504 belt.

NEW



Water repellent



Demo only

Material	Loading capacity	Dimension (mm/inch)	Individual packing
600DX600D Polyester	4kg	169x290x50/6.7x11.4x2.0	Poly bag + Hanger

ST-5203 Power Tool Holster

- Made of lightweight and durable polyester.
- Provides extra strength and carrying confort.



Water repellent



Demo only

Material	Loading capacity	Dimension (mm/inch)	Individual packing
600DX600D Polyester	3kg	190x295x60/7.5x11.6x2.0	Poly bag+Hanger

902-312 4 Pocket Pouch

- Made of 600D polyester
- 3 mesh pockets for light tools
- Ideal for packing pliers with a padded & reinforced pouch design



Demo only

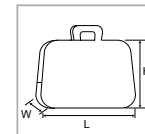


Material	Dimension (mm/inch)	Individual packing
600D Polyester	229x102mm/9.4"x4.0"	Poly bag+Hanger

9ST-902 Zipper Bag



Demo only



Material	L (mm/inch)	W (mm/inch)	H (mm/inch)	Individual packing
PVC leather	260/10.24	170/6.69	38/1.5	Poly bag

ST-5504 Tool Belt with Safety Lock



Extra lock design, prevent belt loosing

- High quality, heavy duty 600 denier polyester for durability
- Lightweight design with all stress point strengthened by high density webbing
- Adjustable to meet different users' demands.
- Use with our ST-5208 pouch.

NEW



Material	Loading capacity	Dimension (mm/inch)	Individual packing
Polypropylene	15kg	Width: 50mm/2.0" Length: 1600mm/63"	Poly bag + Hanger

ST-5601 Magnetic Wrist Band



Demo only

- Powerful magnet lifts: 1kg



Water repellent



Material	Dimension (mm/inch)	Individual packing
600DX600D Polyester	Width: 5cm / Length: 30cm (Width: 2.0" / Length: 11.8")	Poly bag+Hanger

TOOL KITS



902-353 Punch Down Tool Bundle

- Complete tool bundle to terminate 110 jacks or patch panels. Includes universal stripper for round data cables and 110/88 impact punch down tool to make a professional connection.



Contents	Application
Stripper	Flat wire, Speaker wire, Round cable, UTP STP
Punchdown tool	110/88 blade with cut function on one end

Individual packing: Clamshell

902-354 Network Tool Bundle

- Bundle contains three tools including a Wire Stripping Tool, Modular Plug Crimping Tool, and a 110/88 Impact Punchdown Tool. Includes 10 pcs each RJ11 and RJ45 Modular Plugs



Contents	Application	Accessories
Stripper	Flat wire, Speaker wire, Round cable, UTP STP	
Crimper	For 4/6/8P modular connector and stripping twisted pair and flat wire	10 Pcs RJ45 10 Pcs RJ 11
Punchdown tool	110/88 blade with cut function on one end	

Individual packing: Clamshell

902-340 CATV "F" Compression Bundle



902-361 Cable TV "F" DIY Bundle

- Make new cables for cable TV, cable modems and UHF antennas in a snap. No crimping required.
- Quick and easy installation, push-on connector comes with special knurled nut which offers a superior grip for strong connection.



Contents	Application	Accessories
Stripper	Flat wire, Speaker wire, Round cable, UTP STP	6 Pcs "F" type push-on connector

Individual packing: Blister Card

902-351 DIY Crimp Bundle for Phone and Computer

- Complete tool bundle along with modular plugs to make RJ45 or RJ11 patch cords for Phone and Computer. It includes crimper, stripper and 10 Pcs RJ45, 10 Pcs RJ 11 connectors to make your work smart and easy.



Contents	Application	Accessories
Stripper	Flat wire, Speaker wire, Round cable, UTP STP	
Crimper	For 4 / 6 / 8P modular connector and stripping twisted pair and flat wire	10 Pcs RJ45 10 Pcs RJ 11 connectors

Individual packing: Clamshell

Contents	Application	Accessories
Round cable cutter, Compression connector crimping tool, Wire stripping tool	RG58 / 59 / 62 / 6, F, BNC, RCA Connector	10 Pcs F compression connectors

Individual packing: Clamshell

▶ **902-121 8 PC Compact Tool Kit**

902-121 contents	
	Dual color long nose plier 136mm (5.4")
	Dual color diagonal cutting Plier 115mm (4.5")
+	Electronic screwdriver: #00, #0, #1
-	Electronic screwdriver: 1.4, 1.8, 2.4
+	Double-end reversible screwdriver #2/6 mm
	Fine tip straight tweezer
	Zipper carrying bag

- Case size: 207x127.5x40mm (8.15"x5.02"x1.57")
- Individual packing: Color sleeve shrink



▶ **500-025 10 PC Compact Tool Kit**

500-025 contents	
	Long nose plier 135mm (5.3")
	Diagonal cutting plier 110mm (4.3")
	Fine tip straight tweezer
-	Pro-soft s/d 3.2x75mm (3.2x3.0")
+	Pro-soft s/d #0x75mm (#0x3.0")
	Precision screwdriver 2.4mm
	Precision screwdriver #0
	Needle file flat
	Needle file round
	Utility knife (3 blades self loading)
	Zipper carrying bag

- Case size: 205x144x35mm (8.1"x5.7"x1.4")
- Individual packing: Inner box & Color label shrink



▶ **PK-9112 Pro Tech Tool Kit**



Ideal for opening of tablets, notebooks, electronic device cases and most branded video games such as Apple, HTC, Samsung, Sony, Microsoft, Nintendo, Sega and more.

Contents	
Opening and prying tools	Prying Paddle (30.5x30.5x30.5mm / 1.2x1.2x1.2")
	Opening Lever(POM)(88.7mm / 3.5")
	Opening Lever(POM)(84.4mm / 3.3")
	Suction Cup Ø36mm
	Point-Blade Solder Aid Tools (155mm/6.1")
	Spudger Solder Aid Tools (140mm/5.5")
	Fork-Blade Solder Aid Tools (173mm/6.8")
	Double-end Metal Spudger (185mm/7.3")
	Metal spudger tool (123x12mm/4.8x0.5")
	super fine tip straight (120.5 mm/4.7")
Tweezers	fine tip curved (120.5 mm/4.7")
	super fine tip straight (120.5 mm/4.7")
	super fine tip straight (120.5 mm/4.7")
Static protection tools	Wrist Strap 10FT, to avoid sensitive electronic components, from electrostatic damage.
	Ruler 6", Precision Knife, SD-9828 58pcs Driver Kit
	Tool bag (233x150x55 mm/9.2x6.0x2.2")

Individual packing: Color Box



The P2/P5/P6 pentalobe tips are special for Apple products.

The TS3.5/TS4.5 Torx Plus® sockets are for Nintendo, SONY, SEGA products.

• NOTE : For quality reason. we reserve the right to change the above specifications without notice.

▶ 500-047 **13 PC Basic Electronics Kit**



500-047 contents
Lineman's plier 160mm (6.3")
Side cutting plier 160mm (6.3")
Long nose plier 165mm (6.5")
6" Adjustable wrench
Desoldering wick
Solder core 63%, SN
⊖ Pro-soft screwdriver 3.0x100mm (3.0x4.0")
⊕ Pro-soft screwdriver #0x100mm (#0x4.0")
⊕ Pro-soft screwdriver #2x100mm (#2x4.0")
⊖ Pro-soft screwdriver 5.0x100mm (5.0x4.0")
⊕ Pro-soft screwdriver #1x100mm (#1x4.0")
Convertible soldering iron/gun 110V
Fine tip straight tweezer
Zipper carrying bag

- Case size: 195x305x50mm (7.7"x12.0"x2.0")
- Individual packing: Color sleeve shrink

▶ 500-003 **28 PC Computer Service Tool Kit**



500-003 contents
Long nose plier 135mm(5.3")
Diagonal cutting plier 110mm(4.3")
Fine tip straight tweezer
3 pcs Soldering aid tools
6" Adjustable wrench
Quick heat ceramic soldering iron 110V
Screwdriver handle
⊖ Pro-soft s/d 5.0x75mm(3.0")
⊕ Pro-soft s/d #1x75mm(3.0")
Desoldering wick
Crimping tool (inch)
Desoldering pump
IC extractor
3 prong holder
IC insert tool
Solder core 63%, SN
Parts tube
Heat sink
8 pcs bits pack
Zipper carrying bag

- Case size: 325x195x48mm(12.8"x7.7"x1.9")
- Individual packing: Inner box & Color label shrink

▶ 500-042 **16 PC ESD Precision Tool Kit**



500-042 contents
Long nose plier
Flat nose plier
Bent nose plier
Clean cut micro nipper
Micro cutting plier 125mm (4.9")
4 pcs conductive tweezer set
Wrist strap 10FT
⊕ ESD safe precision screwdriver #00
⊕ ESD safe precision screwdriver #0
⊕ ESD safe precision screwdriver #1
⊖ ESD safe precision screwdriver 2.0mm
⊖ ESD safe precision screwdriver 2.4mm
⊖ ESD safe precision screwdriver 3.0mm
Tool bag

- Case size: 340x222.5x60mm (13.4"x8.8"x2.4")
- Individual packing: Inner box & Color label shrink

▶ **902-516 8 PC Apprentice's Tool Set**

902-516 Includes 6 essential premium hand tools (plus pouch & belt) to make your job easy and efficient



902-516 contents	
8" Long Nosed Pliers	8" Diagonal Cutting Pliers
9" Heavy Duty Lineman's Pliers	AWG 20-10 Wire Stripper
1/4" x 4" Slotted Screwdriver	#2 x 4" Phillips Screwdriver
Tool Pouch	Tool Belt with Safety Lock

Individual packing: Blister card

▶ **500-038 14 PC Electrician's Tool Pouch Kit**

500-038 includes heavy duty, high quality tools, perfect for the professional or apprentice electrician



500-038 contents	
Long-Nosed Pliers w/side Cutter	Heavy Duty Lineman's Plier
9.5" Crimper Plier	Electrician's Knife
25' Tape Measure	Groove Joint Plier
Screwdrivers x 4 ⊖ 1/4"x4", 1/4"x8" ⊕ #2x4", #2x8"	AWG 16,14,12,10,8 Precision Wire Stripper
3/16" x 7.8" Cable Ties (100pcs)	Receptacle Tester- GFCI outlets
19mm x 5M Electrical Tape	Durable Black Pouch & Belt

Individual packing: Blister card

▶ **500-016 18 PC School Tool Kit**

500-016 contents	
Utility component storage box	Fine tip straight tweezer
Side Cutter 125mm (4.9")	Long nose plier 138mm (5.4")
Quick heat ceramic soldering iron 110V	
⊖ Pro-soft s/d 3.2x75mm (3.0")	⊕ Pro-soft s/d #0x75mm (3.0")
⊖ Pro-soft s/d 5.0x75mm (3.0")	⊕ Pro-soft s/d #1x75mm (3.0")
⊖ Pro-soft s/d 6.0x100mm (4.0")	⊕ Pro-soft s/d #2x100mm (4.0")
Brush	Mini soldering stand with sponge
Desoldering pump	IC extractor
7 pcs folding type hex key set (inch)	Solder core 63%, SN
Utility knife (3 blades self loading)	Zipper carrying bag

• Case size: 330x220x48mm (13.0"x8.7"x1.9")
• Individual packing: Inner box & Color label shrink



▶ **500-032 24 PC Professional Electronic Tool Kit**

500-032 contents	
Lineman's plier 165mm (6.5")	Long nose plier 160mm (6.3")
Side cutter 125mm (4.9")	Soldering iron stand with sponge
Desoldering pump	
⊖ Line color screwdriver 3.2x75mm (3.0")	⊕ Line color screwdriver #0x75mm (3.0")
⊖ Line color screwdriver 5.0x75mm (3.0")	⊕ Line color screwdriver #1x75mm (3.0")
⊖ Line color screwdriver 6.0x100mm (4.0")	⊕ Line color screwdriver #2x100mm (4.0")
⊖ Line color screwdriver nut 3/16"	⊕ Line color screwdriver nut 1/4"
6 pcs electronic screwdriver set	3-1/2 compact digital multimeter
7 pcs folding type hex key set (inch)	PVC insulated tape
PVC insulated tape	Solder core 63%, SN
Zipper carrying bag	

• Case size: 375x250x60mm (14.8"x9.8"x2.4")
• Individual packing: Inner box & Color label shrink

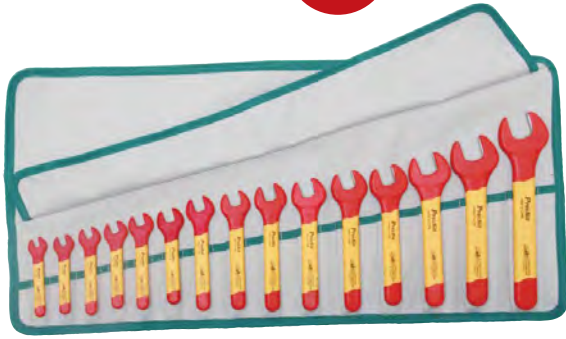


• NOTE : For quality reason. we reserve the right to change the above specifications without notice.

PK-2811M 15 PC 1000V Insulated Single Open End Wrench Set



NEW



600D tool roll bag:
305x635mm(12x25")

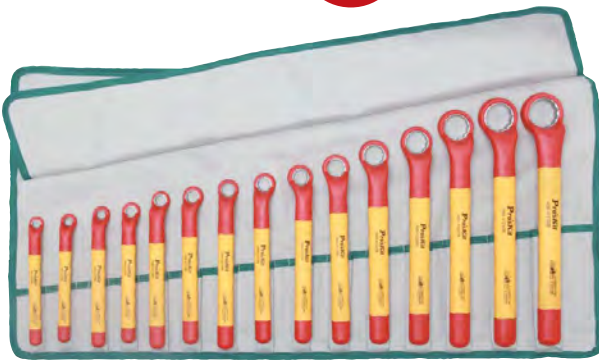
Contents				
Material	Width across flats(mm/Inch)	Head width Max. (mm/Inch)	Head thickness Max.(mm/Inch)	OAL. ±2(mm/Inch)
50CrV	6/0.24"	23/0.91"	7.2/0.28"	90/3.55"
	7/0.28"	25/0.99"	7.2/0.28"	90/3.55"
	8/0.32"	27/1.06"	7.7/0.30"	100/3.94"
	9/0.35"	29/1.14"	7.7/0.30"	100/3.94"
	10/0.39"	31/1.22"	8.2/0.32"	110/4.33"
	11/0.43"	34/1.34"	8.7/0.34"	110/4.33"
	12/0.47"	36/1.42"	8.7/0.34"	130/5.12"
	13/0.51"	39/1.54"	10.5/0.41"	135/5.32"
	14/0.55"	40/1.58"	10.5/0.41"	145/5.71"
	15/0.59"	42/1.65"	11.5/0.45"	150/5.91"
	16/0.63"	43/1.69"	11.5/0.45"	160/6.30"
	17/0.67"	47/1.85"	12.5/0.49"	160/6.30"
	19/0.75"	53/2.09"	14.0/0.55"	175/6.90"
	22/0.87"	58/2.29"	14.0/0.55"	195/7.68"
	24/0.94"	62/2.44"	16.5/0.65"	225/8.87"

Individual packing: Color Sleeve

PK-2812M 15 PC 1000V Insulated Single Box End Wrench Set



NEW



600D tool roll bag:
330x780mm(13"x30")

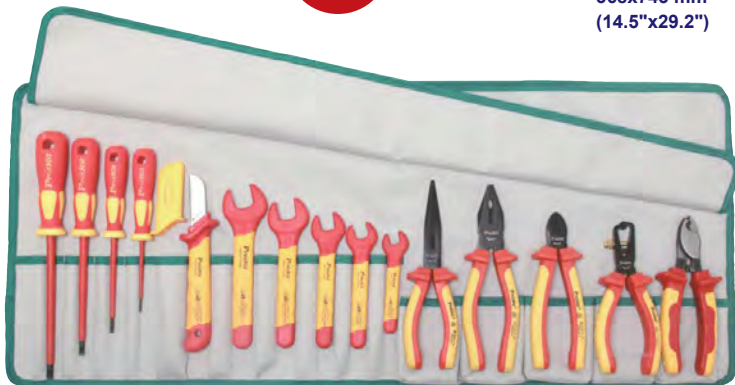
Contents					
Material	Width across flats (mm/Inch)	Head width Max. (mm/Inch)	Head thickness Max. (mm/Inch)	Depth of crank (mm/Inch)	OAL. ±2 (mm/Inch)
50CrV	6/0.24"	16.0/0.63"	6.8/0.27"	25/0.99"	150/5.91"
	7/0.28"	18.0/0.71"	7.0/0.28"	25/0.99"	150/5.91"
	8/0.32"	19.0/0.75"	7.4/0.29"	27/1.06"	155/6.11"
	9/0.35"	20.0/0.79"	8.3/0.33"	27/1.06"	155/6.11"
	10/0.39"	21.0/0.83"	8.8/0.35"	30/1.18"	170/6.70"
	11/0.43"	22.5/0.89"	8.9/0.35"	30/1.18"	170/6.70"
	12/0.47"	22.5/0.89"	9.8/0.39"	32/1.26"	190/7.49"
	13/0.51"	26.5/1.04"	10.0/0.39"	32/1.26"	190/7.49"
	14/0.55"	28.0/1.10"	11.0/0.43"	34/1.34"	205/8.08"
	15/0.59"	29.0/1.14"	11.1/0.44"	34/1.34"	205/8.08"
	16/0.63"	31.0/1.22"	11.5/0.45"	36/1.42"	215/8.47"
	17/0.67"	32.0/1.26"	12.3/0.48"	36/1.42"	215/8.47"
	18/0.71"	35.0/1.38"	12.7/0.50"	37/1.46"	230/9.06"
	19/0.75"	36.0/1.42"	13.2/0.52"	37/1.46"	230/9.06"
	21/0.83"	39.0/1.54"	13.9/0.55"	41/1.62"	245/9.65"
22/0.87"	41.0/1.62"	13.9/0.55"	41/1.62"	245/9.65"	
24/0.94"	44.0/1.73"	16.0/0.63"	42/1.65"	265/10.44"	
27/1.06"	48.0/1.89"	16.4/0.65"	42/1.65"	290/11.43"	
30/1.18"	52.0/2.05"	16.8/0.66"	45/1.77"	310/12.21"	
32/1.26"	55.0/2.17"	17.5/0.69"	45/1.77"	310/12.21"	

Individual packing: Color Sleeve

PK-2813M 15 PC 1000V Insulated Metric Roll Tool Kit



NEW



600D tool roll bag:
368x743 mm
(14.5"x29.2")

Ideal for power plant, HVAC, automotive, military, aircraft field applications and more.

Contents
Insulated combination plier (195mm/7.7")
Insulated side cutter(165mm/6.5")
Insulated wire stripping plier (160mm / 6.3")
Insulated long nose plier(200mm/7.9")
Insulated cable cutter 150mm (22mm ²)
Insulated single open end wrench 10mm
Insulated single open end wrench 13mm
Insulated single open end wrench 14mm
Insulated single open end wrench 17mm
Insulated single open end wrench 19mm
⊖ Insulated screwdriver(-2.5x75)
⊖ Insulated screwdriver (-4.0x100)
⊖ Insulated screwdriver (-5.5x125)
⊖ Insulated screwdriver (-6.5x150)
Insulated straight blade cable knife (50x180mm/2.0x7.1")
Tool roll bag(368x743mm/15.1x29.2")

Individual packing: Color Sleeve

▶ **902-215 8 PC 1000V Insulated Screwdriver & Plier Set**



Contents	
⊖	0.4x2.5x75mm (3")
⊖	0.5x3.0x100mm (4")
⊖	1.0x5.5x125mm (5")
⊕	PH1x80mm (3.1")
⊕	PH2x100mm (4")
	6.3" Insulated wire stripping plier
	6.3" Insulated side cutter
	6.3" Insulated long nose plier
	Zipper carrying bag

- Case size: 255x172.5x55/10.0x6.8x2.2 (mm/inch)
- Individual packing: Inner box & Color label shrink



▶ **902-218 11 PC 1000V Insulated Plier & Screwdriver Set**



Contents	
⊖	0.4x2.5x75mm (3")
⊖	0.8x4.0x100mm (4")
⊖	1.0x5.5x125mm (5")
⊖	1.2x6.5x150mm (6")
⊕	PH0x60mm (2.4")
⊕	PH1x80mm (3.1")
⊕	PH2x100mm (4")
	7.9" Insulated combination plier
	6.3" Insulated side cutter
	7.9" Insulated long nose plier
	6.3" Insulated long nose plier
	Zipper carrying bag

- Case size: 294x240x50/11.6x9.4x2.0 (mm/inch)
- Individual packing: Inner box & Color label shrink



▶ **PK-2809M 1000V Insulated Standard Tool Kit**



PK-2809M tool kit is equipped with a range of 26pcs 1000V insulated single open end wrenches, screwdrivers, pliers and cutters, T handle and 1/2" sockets in a durable tool box. Ideal for power plant, HVAC, automotive, military, aircraft field applications and more.



Contents	
PM-911	Insulated combination plier (195mm/7.7")
PM-917	Insulated side cutter(165mm/6.5")
HW-V110B	Insulated single open end wrench 10mm
HW-V111B	Insulated single open end wrench 11mm
HW-V112B	Insulated single open end wrench 12mm
HW-V113B	Insulated single open end wrench 13mm
HW-V114B	Insulated single open end wrench 14mm
HW-V117B	Insulated single open end wrench 17mm
HW-V119B	Insulated single open end wrench 19mm
SD-800-S2.0	⊖ Insulated screwdriver(-2.5x75)
SD-800-S3.0	⊖ Insulated screwdriver(-3.0x100)
SD-800-S4.0	⊖ Insulated screwdriver (-4.0x100)
SD-800-S5.5	⊖ Insulated screwdriver (-5.5x125)
SD-800-P0	⊕ Insulated screwdriver (#0x60)
SD-800-P1	⊕ Insulated screwdriver (#1x80)
SD-800-P2	⊕ Insulated screwdriver (#2x100)
SK-V752	Insulated 1/2" drive T handle (200mm/7.9")
SK-V410B	Insulated 1/2" drive socket 10mm
SK-V411B	Insulated 1/2" drive socket 11mm
SK-V412B	Insulated 1/2" drive socket 12mm
SK-V413B	Insulated 1/2" drive socket 13mm
SK-V414B	Insulated 1/2" drive socket 14mm
SK-V417B	Insulated 1/2" drive socket 17mm
SK-V419B	Insulated 1/2" drive socket 19mm
PD-V003A	Insulated straight blade cable knife (50x180mm/2.0"x7.1")
PD-V003B	Insulated hook blade cable knife (28x155mm/1.1"x6.1")
9SB-3935	Plastic tool box (390x350x90mm/15.3"x13.8"x3.5")

Individual packing: Color Sleeve



• NOTE : For quality reason. we reserve the right to change the above specifications without notice.

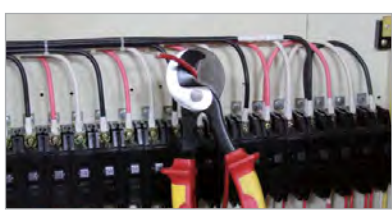
PK-2836M 1000V Insulated Universal Tool Kit



NEW



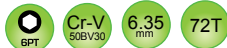
PK-2836M tool kit is equipped with a range of 41pcs 1000V insulated single open end wrenches, single box end wrenches, adjustable wrenches, screwdrivers, knife, pliers and cutters, T handle, 1/2" sockets and type in a durable aluminum frame tool case. Ideal for power plant, HVAC, automotive, military, aircraft field applications and more.



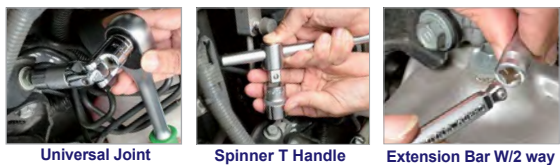
Contents	
Insulated combination plier (195mm/7.7")	
Insulated side cutter(165mm/6.5")	
Insulated wire stripping plier (160mm / 6.3")	
Insulated cable cutter 250mm (80mm ²)	
Insulated single open end wrench 10mm	
Insulated single open end wrench 13mm	
Insulated single open end wrench 14mm	
Insulated single open end wrench 17mm	
Insulated single open end wrench 19mm	
Insulated single open end wrench 22mm	
Insulated single box end wrench 10mm	
Insulated single box end wrench 13mm	
Insulated single box end wrench 14mm	
Insulated single box end wrench 17mm	
Insulated single box end wrench 19mm	
Insulated single box end wrench 22mm	
⊖ Insulated screwdriver(-2.5x75)	
⊖ Insulated screwdriver (-4.0x100)	
⊖ Insulated screwdriver (-5.5x125)	
⊖ Insulated screwdriver (-6.5x150)	
⊕ Insulated screwdriver #1(5x80)	
⊕ Insulated screwdriver #2(5x100)	
Insulated 1/2" drive T handle (200mm/7.9")	
Insulated 1/2" drive reverse flat ratchet handle (250mm/9.8")	
Insulated 1/2" drive extension bar (125mm/5")	
Insulated 1/2" drive extension bar (250mm/9.8")	
Insulated 1/2" drive socket 10mm	
Insulated 1/2" drive socket 11mm	
Insulated 1/2" drive socket 12mm	
Insulated 1/2" drive socket 13mm	
Insulated 1/2" drive socket 14mm	
Insulated 1/2" drive socket 16mm	
Insulated 1/2" drive socket 17mm	
Insulated 1/2" drive socket 18mm	
Insulated 1/2" drive socket 19mm	
Insulated 1/2" drive socket 22mm	
Insulated 1/2" drive socket 24mm	
Insulated straight blade cable knife (50x180mm/2.0x7.1")	
Insulated electricians scissors (160mm/6.3")	
Insulated tape(20mmx10M / 0.8"x32.8")	
Insulated 10" adjustable wrench	
Expert & Elegant aluminum frame tool case (486x325x159mm / 19.1x12.8x6.3")	
Top pallet for PK-2836M	
Pallet for PK-2836M	
Individual packing: Plain box+color label	

SK-22401M 24 PC 1/4" Drive Socket Tool Set

P6 Tools meet DIN standard



INDUSTRIAL GRADE



Universal Joint Spinner T Handle Extension Bar W/2 way

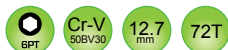


Contents
13pcs Hand Socket 4,4.5,5,5.5,6,7,8,9,10,11,12,13,14mm
5pcs Hand Deep Socket 8,10,11,12,13mm
Extension Bar W/Wobble 2 Way 100mm
Extension Bar 55mm
Sliding T Handle 115mm
Universal Joint
Spinner Handle
72 Teeth Reverse Flat Ratchet Handle W/Quick Release
Metal Case: 245x120x35mm (9.6"x4.7"x1.4")

Individual Packing:Color Sleeve Shrink

SK-42601M 26 PC 1/2" Drive Socket Tool Set

P6 Tools meet DIN standard



INDUSTRIAL GRADE



Extension Bar with Quick Release LED Light Adaptor



72Teeth Reversing Flat Ratchet Handle Spark Plug Socket Sliding T Handle with Quick Release



Contents
14pcs Hand Socket 10,12,13,14,15,16,17,18,19,22,24,27,30,32mm
4pcs Hand Deep Socket 12,14,17,19mm
2pcs Spark Plug Socket W/Magnetic 16,21mm
Extension Bar W/Quick Release 125mm
Extension Bar W/Quick Release 250mm
Sliding T Handle W/Quick Release 250mm
LED Light Adaptor
Universal Joint
72 Teeth Reversing Flat Ratchet Handle W/Quick Release
Metal Case: 445x185x50mm (18"x7.3"x2")

Individual Packing:Color Sleeve Shrink

* NOTE : For quality reason. we reserve the right to change the above specifications without notice.

PK-2061 Solar MC3 & MC4 Crimping Tool Kit

⚠️ This is a complete tool kit to install MC3 & MC4 solar connectors easily and accurately.

To open the locking device
To secure
To tighten the cable gland

Includes 2 pcs MC4 and MC4 PLUS open-end spanner and unlocking tool help you opening the locking device, securing and tightening the cable gland.

Universal solar cable stripper comes with adjustable length stop for reliable stripping of the double layer insulated cables (2.5 - 6.0 mm²)

The Parallel action crimper features consistent and accurate performance

Heavy duty Forged Cable Cutter with high leverage Jaw and shear blade for clean cut without damage.

Prosoft screwdrivers for PV junction box installation



Contents	
Parallel Action Crimper frame	
☑️	Die set for MC 3 solar connector (Multi-Contact) & 2.5/4/6m2 (AWG 14/12/10) solar cable.
☑️	Die set for MC 4 solar connector (Multi-Contact) & 2.5/4/6m2 (AWG 14/12/10) solar cable.
Universal solar cable stripper, for 2.5/4/6m2 (AWG 14/12/10) solar cable	
Forged cable cutter (160mm), for copper cable: 25mm ² flexible	
2 Pcs Open-end spanner and unlocking tool (MC4 and MC4 PLUS)	
⊖	Pro-soft screwdriver 5x75mm
⊕	Pro-soft screwdriver #2 x100mm
Zipper carrying bag-280x197x70(mm)/11"x7.8"x2.8"	

500-017 48 PC Technician's Tool Kit



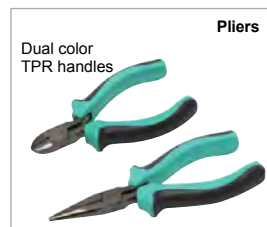
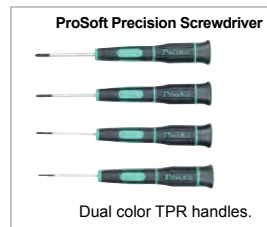
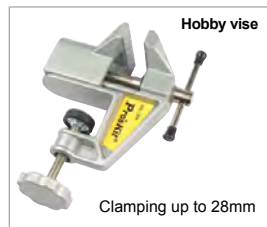
Contents	
Reverse action tweezers	
Fine tip straight tweezers	
Brush	
7 in 1 crimping tool	
IC extractor	
PLCC extractor	
Screwdriver handle	
⊖	Pro-soft s/d 5.0x75mm (3.0")
⊕	Pro-soft s/d #1x75mm (3.0")
⊖	Pro-soft s/d 3/16"(inch)
Wrist strap 10FT	
Utility knife (3 blades self loading)	
LED Flash light	
7 pcs folding type hex key set (inch)	
3 prong holder	
8" Adjustable wrench	
Mini hammer set (including 6 parts)	
5 pcs needle file set	
Long nose plier 135mm (5.3")	
Diagonal cutting plier 110mm (4.3")	
Lineman's plier 210mm (8.3")	
Flat nose plier 135mm (5.3")	
Bent nose plier 130mm (5.1")	
6 pcs electronic screwdriver set	
Desoldering pump	
Quick heat ceramic soldering iron 110V	
Solder core 63%, SN	
3 pcs soldering aid tools	
Heat sink	
⊖ / ⊕	Double-end blade 175mm length 4mm/T6
⊕ / ⊕	Double-end blade 175mm length #1/#2
⊖ / ⊕	Double-end blade 175mm length 6mm/T8
⊕ / ⊕	Double-end blade 175mm length T10/T15
Extension blade 175mm (7")	
Heavy duty zipper bag	
• Case size: 435x325x90mm (17.1"x12.8"x3.5")	
• Individual packing: Color box	

PK-15307EI 54 Pc Electronics Tool Kit



Contents	
Long nose plier 135mm (5.3")	
Diagonal cutting plier 110mm (4.3")	
Dual color lineman's plier 210mm (8.3")	
Dual color long nose plier 165mm (6.5")	
6" Adjustable wrench	
Dual color side cutting plier 165mm (6.5")	
5 pcs needle file set	
Ceramic Soldering Iron 110V	
3-1/2 compact digital multimeter	
Measuring tape (3M/10FT)	
Solder core 63%, SN	
7 pcs hex key set (inch)	
Wire stripper cutter	
Utility knife (3 blades self loading)	
All Purpose Snip	
Solder aid tools	
Desoldering pump	
10 pcs electronic combination wrench (inch)	
Flux bottle (2 pcs/pack)	
Blow brush (Ø62mm/Ø2.4")	
IC extractor	
Slip joint plier 154mm (6")	
⊖ Pro-soft screwdriver 3.0x75mm (3.0")	
⊕ Pro-soft screwdriver #0x75mm (3.0")	
⊖ Pro-soft screwdriver 5.0x75mm (3.0")	
⊕ Pro-soft screwdriver #1x75mm (3.0")	
⊖ Pro-soft screwdriver 6.0x100mm (4.0")	
⊕ Pro-soft screwdriver #2x100mm (4.0")	
⊕ Pro-soft screwdriver #2x250mm (10")	
⊖ Pro-soft screwdriver 6.0x40mm (1.6")	
⊕ Pro-soft screwdriver #2x40mm (1.6")	
⊖ ProSoft Precision Screwdriver 2.0x50mm (2.0")	
⊖ ProSoft Precision Screwdriver 2.4x75mm (3.0")	
⊖ ProSoft Precision Screwdriver 3.0x100mm (4.0")	
⊕ ProSoft Precision Screwdriver #00x50mm (2.0")	
⊕ ProSoft Precision Screwdriver #0x75mm (3.0")	
⊕ ProSoft Precision Screwdriver #1x150mm (6.0")	
Soldering tip cleaner	
Fine tip straight tweezer	
Utility component storage box	
Hobby vise	
2 pcs pallets	
Aluminum frame tool case	

- Case size (O.D): 458x330x150mm (18"x13"x5.9")
- Individual packing: Color box



• NOTE : For quality reason. we reserve the right to change the above specifications without notice.

▶ 1PK-1900NA Pro's Electronic Tool Kit



Contents
Utility component storage box
Long nose plier 135mm (5.3")
Diagonal cutting plier 110mm (4.3")
Flat nose plier 135mm (5.3")
Bent nose plier 130mm (5.1")
Dual Color Lineman's Plier
Reverse action tweezer
Super drill set w/adaptor 110V
3 pcs soldering aid tools
Soldering iron stand with sponge
6" Adjustable wrench
Ceramic Soldering Iron 110V
Screwdriver handle
⊖ Pro-soft s/d 3/16" (inch)
⊖ Pro-soft s/d 1/4" (inch)
⊖ Pro-soft s/d 3.2x75mm (3.0")
⊕ Pro-soft s/d #0x75mm (3.0")
⊖ Pro-soft s/d 5.0x75mm (3.0")
⊕ Pro-soft s/d #1x75mm (3.0")
⊖ Pro-soft s/d 6.0x57mm (2.2")
⊕ Pro-soft s/d #2x57mm (2.2")
⊕ Pro-soft s/d #2x157mm (6.2")
⊕ Pro-soft s/d #1x150mm (6.0")
⊖ Pro-soft screwdriver 6.0x40mm (1.6")
⊕ Pro-soft screwdriver #2x40mm (1.6")
Brush
Crimping tool (inch)
Desoldering pump
Precision s/d set 6 pcs
5 pcs needle file set
Mini-vacuum cleaner
Cleaning fluid, head (60cc)
Cleaning fluid, head (18cc)
3-1/2 compact digital multimeter
Testing screwdriver
IC extractor
LED Flash light
7 pcs folding type hex key set (inch)
3 prong holder
PVC insulated tape
6" Stainless scissors
Solder core 63%, SN
Bit T10x30mm (1.2")
Bit T15x30mm (1.2")
Wrist strap 10FT
Utility knife (3 blades self loading)
10 pcs electronic combination wrench (inch)
Hobby vise (Jaw opening 40mm/1.6", width 60mm/2.4")
2pcs pallets
Aluminum frame tool case

- Case size (O.D): 458x330x150mm (18"x13"x5.9")
- Individual packing: Color box

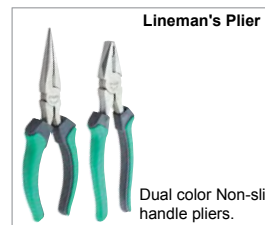
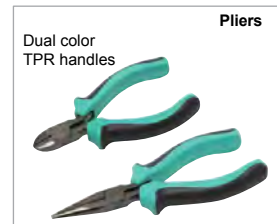


▶ **1PK-1700NA 57 PC Electronics Master Kit**



Contents
Utility component storage box
Long nose plier 135mm (5.3")
Diagonal cutting plier 110mm (4.3")
Dual Color Lineman's Plier
Bent nose plier 130mm (5.1")
Side cutting plier 150mm (5.9")
Dual color long nose plier
Reverse action tweezers
3 pcs soldering aid tools
Soldering iron stand with sponge
Adjustable wrench 6"
Ceramic Soldering Iron 110V
● Pro-soft s/d 3/16"(inch)
● Pro-soft s/d 1/4"(inch)
● Pro-soft s/d 3.2x75mm (3.0")
⊕ Pro-soft s/d #0x75mm (3.0")
⊖ Pro-soft s/d 5.0x75mm (3.0")
⊕ Pro-soft s/d #1x75mm (3.0")
⊖ Pro-soft s/d 6.0x100mm (4.0")
⊕ Pro-soft s/d #2x100mm (4.0")
⊖ Pro-soft screwdriver 6.0x40mm (1.6")
⊕ Pro-soft screwdriver #2x40mm (1.6")
Desoldering braid
Brush
6 pcs electronic screwdriver set
Crimping tool (inch)
Desoldering pump
5 pcs needle file set
Testing screwdriver
Alignment tool 2.0mmx200mm (2.0mmx7.9")
IC extractor
Oil can
LED Flash light
7 pcs folding type hex key set (inch)
3 prong holder
6 pcs open-end wrench set
Heavy duty curved-claw hammer
PVC insulated tape
Stainless scissors 6"
Solder core 63%, SN
Parts tube
Heat sink
Utility knife (3 blades self loading)
Measuring tape 3M/10FT
Inspection mirror
Slip-channel pump pliers 254mm (10")
2 pcs pallets
Carrying tool case

- Case size (O.D): 450x325x132mm (17.7"x12.8"x5.2")
- Individual packing: Color box



• NOTE : For quality reason. we reserve the right to change the above specifications without notice.

▶ 1PK-1990A **Jumbo Tool Kit**



Contents
Utility computer storage box
Flat nose plier 135mm (5.3")
Bent nose plier 130mm (5.1")
Lineman's plier 210mm (8.3")
Side cutting plier 165mm (6.5")
Fine tip straight tweezers
Spring hook
3 pcs soldering aid tools
Desoldering pump
Super drill set w/adaptor 110V or 220V
3 pcs anti-static alignment tool kit
Diagonal cutting nipper
Long nose plier
Long nose plier 165mm (6.5")
Adjustable wrench 6"
Ceramic Soldering Iron 110V
Straight forceps 6"
● Pro-soft s/d 3/16"(inch)
● Pro-soft s/d 1/4"(inch)
⊖ Pro-soft s/d 3.2x75mm (3.0")
⊕ Pro-soft s/d #0x75mm (3.0")
⊖ Pro-soft s/d 5.0x75mm (3.0")
⊕ Pro-soft s/d #1x75mm (3.0")
⊖ Pro-soft s/d 6.0x100mm (4.0")
⊕ Pro-soft s/d #2x100mm (4.0")
⊕ Pro-soft s/d #2x157mm (6.2")
Desoldering wick
Brush
6 pcs electronic screwdriver set
40 pcs socket & screwdriver set
Precision wire stripper
Crimping tool (inch) or (metric)
5 pcs needle file set
IC extractor
Mini flash light
7 pcs folding type hex key set (inch)
3 prong holder
Heavy duty curved-claw hammer
PVC insulated tape
Solder core 63%, SN
Heat sink
Wrist strap 10FT
Measuring tape 3M/10FT
10 pcs electronic combination wrench (inch)
Inspection mirror
Slip joint plier 154mm (6.1")
Pallet for 1PK-1990
Top pallet for 1PK-1990
Aluminum frame tool case

Ceramic Soldering Iron

Ceramic heating element, thermal recovery fast.

Socket & Screwdriver Set

40pcs high quality 1/2" socket set

Pliers

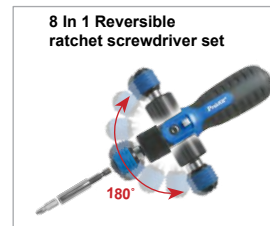
Made of S45c carbon steel with nickel iron plated.

Super Drill Set



Contents	
Utility component storage box	
Reverse action tweezers	
3 pcs anti-static alignment tool kit	
Micro cutting plier	
Long nose plier	
Diagonal cutting nipper	
Long nose plier	
Long nose plier 165mm (6.5")	
Cabling splicing knife	
4" Adjustable wrench	
8" Adjustable wrench	
Solder aid tool	
Quick heat ceramic soldering iron 110V	
DMM with mechanical mistake prevention operation	
⊖	Line color screwdriver 3.2x75mm (3.0")
⊕	Line color screwdriver #0x75mm (3.0")
⊕	Line color screwdriver 5.0x75mm (3.0")
⊕	Line color screwdriver #1x75mm (3.0")
⊖	Line color screwdriver 3.2x100mm (4.0")
⊖	Line color screwdriver 6.0x100mm (4.0")
⊕	Line color screwdriver #2x100mm (4.0")
⊖	Line color screwdriver 3.2x200mm (8.0")
⊖	Line color screwdriver 6.0x38mm (1.5")
⊕	Line color screwdriver #2x38mm (1.5")
⊖	Line color screwdriver 8.0x150mm (6.0")
Brush	
6 pcs electronic screwdriver set	
Snap ring plier set	
Precision wire stripper	
Multi-purpose crimping tool (inch)	
23 pcs 1/4" socket set	
Oil can	
Mini flash light	
7 pcs folding type hex key set (inch)	
Center punch tool	
Feeler gauge	
Ball peen hammer with fiberglass handle	
Spring hook	
Spring hook	
6" Steel ruler	
3 pcs soldering aid tools	
Super torque ratchet handle	
4 pcs hex driver blades: 1/16", 5/64", 3/32", 1/8"	
⊖	7 pcs nut driver blades: 1/4", 3/8", 3/16", 5/16", 7/16", 11/32", 1/2"
⊖	Double ended screwdriver 3mm/#0
Electrician's scissors	
10 pcs electronic combination wrench (inch)	
Inspection mirror	
Slip-channel pump pliers 254mm (10")	
ABS tool carrying case with second pallet	

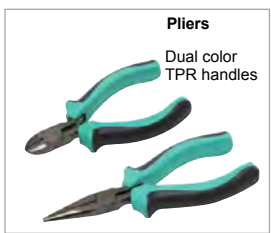
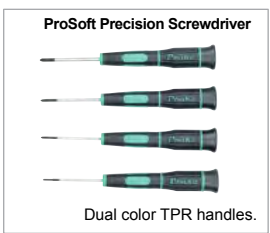
- Case size (O.D): 463x331x171mm (18.2"x13.0"x6.7")
- Individual packing: Color box



PK-15308EM Field and Maintenance Service Kit



Contents
3-3/4 autorange digital multimeter
23 pcs 1/4" driver socket set
Heavy duty curved-claw hammer W/fiberglass handle
8" Adjustable wrench
IC extractor
Hobby vise
Slip-channel pump pliers 254mm (10")
⊖ ProSoft Precision Screwdriver 2.0x50mm (2.0")
⊖ ProSoft Precision Screwdriver 2.4x75mm (3.0")
⊖ ProSoft Precision Screwdriver 3.0x100mm (4.0")
⊕ ProSoft Precision Screwdriver #00x50mm (2.0")
⊕ ProSoft Precision Screwdriver #0x75mm (3.0")
⊕ ProSoft Precision Screwdriver #1x150mm (6.0")
Wire Stripper Cutter
⊕ Pro-Soft Screwdriver 5.0x75mm (3.0")
⊖ Pro-Soft Screwdriver #1x75mm (3.0")
⊖ Pro-Soft Screwdriver 5.0X100mm (4.0")
⊕ Pro-Soft Screwdriver #1x100mm (4.0")
⊕ Pro-Soft Screwdriver 6.0X100mm (4.0")
⊕ Pro-Soft Screwdriver #2X100mm (4.0")
⊖ Pro-Soft Screwdriver 6.0x40mm (1.6")
⊕ Pro-Soft Screwdriver #2x250mm (9.8")
⊕ Pro-soft screwdriver #2x40mm (1.6")
Fine tip straight tweezer
Utility component storage box
Long nose plier 135mm (5.3")
Diagonal cutting plier 110mm (4.3")
Lineman's plier 165mm (6.5")
Dual color cutting plier
Dual color long nose plier
9 pcs ball point long arm hex key set
10 pcs electronic combination wrench (inch)
5 pcs needle file set
Ceramic Soldering Iron 110V
Desoldering wick
Solder core 63%, SN
PVC insulated tape
Utility knife (3 blades self loading)
Measuring tape 3M/10FT
All Purpose Snip
Desoldering pump
Flux bottle (2 pcs/pack)
Blow brush (Ø62mm/Ø2.4")
Telescopic magnetic pick up tool
Inspection mirror
1pc Pallet
Heavy-duty ABS cases with wheels and telescoping handle



• Case size (O.D): 465x335x190mm (18.3"x13.2"x7.5")
 • Individual packing: Color box
 • Not designed to be checked as airline baggage.

PK-5011 CATV / CCTV Basic Tool Kit



This is a complete tool bundle along with F connectors to install or remove existing or additional cable TV, satellite outlets or cable modems. It includes adjustable waterproof compression tool, coaxial cable stripper/cutter and 4pcs F connectors to make your work smart & easy.



Contents	
Adjustable Compression Tool	
Coaxial Cable Stripper/Cutter	
4pcs F connectors for RG6 quad coaxial	
Carry case (160x120x45 mm / 6.3x4.7x1.8 inch)	
Individual packing	Blister card

PK-2006 LAN Basic Tool Kit



This is a complete tool bundle to make RJ45 or RJ11/RJ12 patch cords for phone and computer. It includes 6P/8P parallel action modular crimper and stripper to make your job well done.



Contents	
Modular crimping tool	
Wire stripping tool	
Carry case (160x120x45 mm / 6.3x4.7x1.8 inch)	
Individual packing	Blister card

902-347 Network Service Kit

Kit contains three tools and 10Pcs RJ-45 connectors. Perfect for making new patch cords or terminating 110/88 jacks and/or patch panels.



Contents	
Wire stripping tool	
Modular crimper	
Impact punch down tool	
Individual packing	Plastic Case Size(12.5" x 10.3" x 2.4")

902-356 Home Entertainment Tool Kit

Kit includes all of the tools you need to make coax cables including 3 tools and 10 Pcs RG6 CATV "F" connectors.



Contents	
multi-conductor cable cutter	
Modular crimper	
Wire stripping tool	
Individual packing	Plastic Case Size(12.5" x 10.3" x 2.4")

500-001 Coaxial Crimping Tool Kit



Contents	
Crimping tool	
Rotary coaxial cable stripper	
Round cable cutter	
Screwdriver #1x125	
DIES:	
.255", .213", .187", .068" (Hex)	
.319", .256", .213", .068" (Hex)	
.043" (SQ), .100", .213", .068", .137", .255" (Hex)	
.042" (SQ), .078", .151", .068", .128", .178" (Hex)	
.10", .128", .429" (Hex)	
Carrying case	

- Case size: 305x210x58mm (12.0"x8.3"x2.3")
- Individual packing: Color label shrink



• NOTE : For quality reason, we reserve the right to change the above specifications without notice.

▶ 500-031 Professional Twisted Pair Installer Kit



Contents
RJ-45 die set
RJ-11 die set
RJ-11 DEC die set
AMP RJ-45 die set
RJ-22 die set
Supercrimp crimp tool frame
Punch down tool with 110/66 blades
Multi-function wire strippers
6-position 4 contact flat stranded (50 pcs/bag)
8-position 8 contact round stranded (25 pcs/bag)
Blowing case

- Case size: 340x250x65mm (13.4"x9.8"x2.6")
- Individual packing: Color label shrink

▶ 500-021 Category 5e/6 Termination Kit



Contents
Multi-network cable tester
Punch down tool with 110/66 blades
Modular crimping tool
UTP/STP cable stripper
4-position 4 contact flat stranded (50 pcs/bag)
8-position 8 contact round stranded (25 pcs/bag)
RJ-45 protection cap. (20 pcs/bag)
Zipper carrying bag

- Case size: 280x197x70mm (11.0"x7.8"x2.8")
- Individual packing: Inner box & Color label shrink

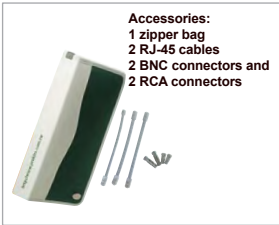
▶ 500-006 Network Maintenance Kit



Contents
Diagonal cutting nipper
Long nose plier
6" Adjustable wrench
Quick heat ceramic soldering iron 110V
6" Straight forceps
For crimping coax connectors
Rotary coaxial cable stripper
● Pro-soft s/d 3/16"(inch)
● Pro-soft s/d 1/4"(inch)
● Pro-soft s/d T10
● Pro-soft s/d T15
● Pro-soft s/d T20
⊖ Pro-soft s/d 3.2x75mm (3.0")
⊕ Pro-soft s/d #0x75mm (3.0")
⊖ Pro-soft s/d 5.0x75mm (3.0")
⊕ Pro-soft s/d #1x75mm (3.0")
⊖ Pro-soft s/d 6.0x100mm (4.0")
⊕ Pro-soft s/d #2x100mm (4.0")
Precision wire stripper
Desoldering pump
Pro-crimper modular tool
IC extractor
Mini flash light
7 pcs folding type hex key set (inch)
Inspection mirror
Zipper carrying bag

- Case size: 375x250x60mm (14.8"x9.8"x2.4")
- Individual packing: Inner box & Color label shrink

▶ 902-241 Cable Service Kit



Contents
All-in-one toner & probe kit
Pro-crimper modular tool
Punch down tool with 110/88 and 66 double end blade
Universal stripping tool (UTP/STP, RG-59/6/7/11)
6-in-1 magnetic quick change screwdriver
All purpose snip
Carring zipper case

- Bag size: 333x210x50mm(O.D.)
- Individual packing: Inner box & Color label shrink



Copper cabling detecting



10 Base-T or 10/100 Base-T datacom networks

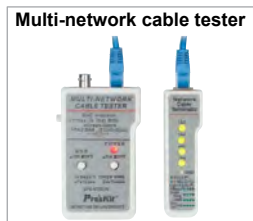


Locates and isolates cables quickly and easily

▶ 500-018 Master Network Installation Kit

Contents
RJ45 die set
RJ11 die set
RG58, RG59/62, BNC/TNC die set
Supercrimp crimp tool frame
Multi-network cable tester
Round cable cutter
Rotary coaxial stripper
Precision wire stripper
Punch down tool with 110/66 blades
Mini flash light
7 pcs folding type hex key set (inch)
Extension blade 7" (175mm)
• Nut blade: 1/4", 3/8", 3/16", 7/16", 11/32", 5/16" (inch)
• Driver blade T6
• Driver blade T7
• Driver blade T8
• Driver blade T9
Super torque ratchet handle
8 pcs screwdriver blades: ⊕ #0, #1, #2 ⊖ 3, 5, 6mm ⊕ T10, T15
Inspection mirror
Zipper carrying bag

- Case size: 340x222.5x60mm (13.4"x8.8"x2.4")
- Individual packing: Inner box & Color label shrink



Multi-network cable tester for auto scanning the wires continuity, mis-wiring and polarization of network cables.



Pro-Crimper Ratcheting Crimper features 40-50% force saving.



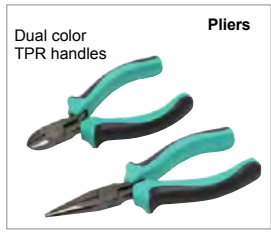
Ergonomic punch down tool increased HI/LOW forces.

PK-12012H Telecom Installation Kit



Butt Set

Features high impedance monitor for data safe operation, allowing use in toughest environment



Dual color TPR handles

Pliers

Contents
Dual color long nose plier 136mm (5.4")
Dual color diagonal cutting plier 125mm (4.9")
Professional modular plug tool crimps strips & cuts
Punch down tool 110 blade and 66 blade
Multi-modular cable tester
Butt set
⊖ pro-soft screwdriver 5x75mm (3.0")
⊖ pro-soft screwdriver 6x100mm (4.0")
⊕ pro-soft screwdriver #2x100mm (4.0")
⊕ pro-soft screwdriver #2x40mm (1.6")
Soft side tool pouch

- Case size: 305x235x95mm (12"x9.3"x3.7")
- Individual packing: Color box

500-043 Communication Maintenance Kit



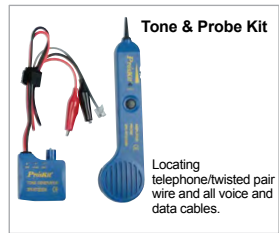
Contents
Reverse action tweezer
Spring hook
3 pcs anti-static alignment tool kit
Micro cutting plier
Diagonal cutting nipper
Long nose plier
Long nose plier 165mm (6.5")
6" Adjustable wrench
Probe-pic spudger
5" Straight forceps
Tone probe kit
Replacement blade-110
6 pcs electronic screwdriver set
Precision wire stripper
Insertion/extraction tool
Mini flash light
7 pcs folding type hex key set (inch)
Impact & punch down tool w/o blade
6" Steel ruler
Extension blade 7" (175mm)
Super torque ratchet handle
8 pcs screwdriver blades:
⊕ #0, #1, #2 ⊖ 3, 5, 6mm ⚙ T10, T15
7 pcs nut driver blades:
⚙ 1/4", 3/8", 3/16", 5/16", 7/16", 11/32", 1/2" (inch)
Double ended screwdriver ⊖ 3mm/⊕ #0
Wrist strap 10FT
Measuring tape 3M/10FT
Electrician's scissors
Inspection mirror
Butt set
Dual telephone line tester
Electrician's knife
Slip-channel pump pliers 204mm (8.03")
2 pallets
Deluxe carrying bag

- Case size: 435x325x90mm (17.1"x12.8"x3.5")
- Individual packing: Plain box + Color label



Butt Set

Features high impedance monitor for data safe operation, allowing use in toughest environment



Tone & Probe Kit

Locating telephone/twisted pair wire and all voice and data cables.



Precision Wire Stripper

Precision wire stripping and gripping.



PK-4302AI PC Networking Tool Kit



Contents
Dual Color Side Cutting Plier 165mm (6.5")
Dual Color Long Nose Plier 165mm (6.5")
Soldering Iron 30W (110V)
Die Set for RJ45/8P8C
Die Set for RG 58,59,62,6
Die Set for RG 59, 6, F Type
Die Set for Fiber optic connector
Supercrimp Crimp Tool Frame
Wire Stripper Tool
Pen Solder 63%
Pro-Soft Screwdriver 3/16"(inch)
Pro-Soft Screwdriver 1/4"(inch)
Pro-Soft Screwdriver 3.0x75mm (3.0x3.0")
Pro-Soft Screwdriver #0x75mm (#0x3.0")
Pro-Soft Screwdriver 5.0x100mm (5.0x4.0")
Pro-Soft Screwdriver #1x100mm (#1x4.0")
Pouch Down Tool with 110 Blades
Ball Peen Hammer
Wire Stripping Tool for 0.5, 1.2,1.6,2.0mm
Utility Knife (3 Blades Self Loading)
Measuring Tape (3M/10FT)
Desoldering Pump
7 pcs Folding Type Hex Key Set (inch)
3 1/2 Compact Digital Multimeter
Multi-Modular Cable Tester
Utility Component Storage Box
All Purpose Snip
Aluminum Frame Tool Case W/1 Pallet

- Case size: 458x330x150mm (18.0"x13.0"x5.9")
- Individual packing: Color box




CrimpPro Crimp Frame Only

Interchangeable Ratcheting Crimper, force saving up to 30%



Wire Stripping Tool

For stripping 0.5, 1.2, 1.6, 2.0mm wire



Ceramic Soldering Iron Tool

Ceramic heating element, thermal recovery fast.




All Purpose Snip

Dual color TPR handle.



Pro-Soft Screwdriver

Combine stripping, cutting and crimping.



Pliers

Dual color, non-slip TPR handles, excellent performance and long service life

• NOTE : For quality reason. we reserve the right to change the above specifications without notice.

▶ 500-020 **Communication Maintenance Kit**



Contents
Network cable tester (patch cord not included)
Side cutter 125mm (4.92")
Long nose plier 138mm (5.43")
RJ-45 die set
RJ-11 die set
RG-58, RG-59/62, BNC/TNC die set
RJ-22 die set
RG-58, RG-59/62 AU BNC/TNC die set
Supercrimp crimp tool frame
Desoldering pump
Quick heat ceramic soldering iron 110W
6" Curved forceps
Multi-network cable tester
Round cable cutter
Rotary coaxial stripper
Desoldering braid
Precision wire stripper
Punch down tool with 110/66 blades
Mini flash light
7 pcs folding type hex key set (inch)
Blowing brush
Extension blade 7" (175mm)
● Nut blade: 1/4", 3/8", 3/16", 7/16", 11/32", 5/16"
Super torque ratchet handle
8 pcs screwdriver blades: ⊕ #0, #1, #2 ⊖ 3, 5, 6mm ⊕ T10, T15
● Driver blade T6
● Driver blade T7
● Driver blade T8
● Driver blade T9
Wrist strap 10FT
Inspection mirror
3- 3/4 autorange digital multimeter
2pcs pallets
ABS tool carrying case w/1 pallet

• Case size: 435x310x145mm (17.1"x12.2"x5.7")
• Individual packing: Color box

3 3/4 auto range Digital multimeter

Auto range/
Frequency/
Capacitance/
Temperature

Precision Wire Stripper

Precision wire stripping and gripping.

Ceramic Soldering Iron

Ceramic heating element, thermal recovery fast.

Ergo-Lunar Crimp Frame Only

Pro-Crimper Ratcheting Crimper features 40-50% force saving.

Multi-network cable tester

Auto scanning the wires continuity, miss-wiring and polarization of network cables.

Impact & Punch Down Tool

Ergonomic punch down tool increased HI/LOW forces.



PK-14019A

Communication Maintenance Kit



Contents
Long nose plier 135mm (5.3")
Diagonal cutting plier 115mm (4.5")
Dual color side cutting plier 165mm (6.5")
Dual color long nose plier 165mm (6.5")
Adjustable wrench 6"
3 3/4 Autorange digital multimeter
Tone probe kit
7 pcs hex key set (inch) or (metric)
Punch down tool 110 blade
All Purpose Snip
Butt set
In-line modular adapters 4/6/8 pin 3 in 1
Electrician's knife
⊕ Pro-soft screwdriver 3.0 x75mm (3.0")
⊕ Pro-soft screwdriver #0 x75mm (3.0")
⊕ Pro-soft screwdriver 6.0 x100mm (4.0")
⊕ Pro-soft screwdriver #2 x100mm (4.0")
⊕ Pro-soft screwdriver 5.0 x100mm (4.0")
⊕ Pro-soft screwdriver #1 x100mm (4.0")
⊕ Pro-soft screwdriver 3/16" (inch) or 5mm (metric)
⊕ Pro-soft screwdriver 1/4" (inch) or 6mm (metric)
Deluxe aluminum frame tool case

- Case size(O.D): 440x340x165mm (17.3"x13.4"x6.5")
- Individual packing: Plain box + Color label

3 3/4 auto range Digital multimeter



Auto range/
Frequency/
Capacitance/
Temperature

Tone & Probe Kit



Locating telephone/twisted pair wire and all voice and data cables.


Butt Set



Features high impedance monitor for data safe operation, allowing use in toughest environment

Pliers

Dual color TPR handles



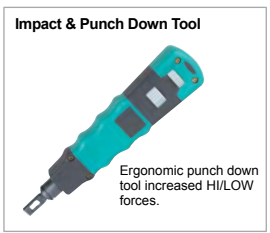
• NOTE : For quality reason. we reserve the right to change the above specifications without notice.

▶ 902-242 **Deluxe Telecom Installation Kit**



Contents
All purpose snip
Double end socket can wrench
8 pcs folding hex key set
Electrician's knife
6" Long nose plier black oxide finish
Dual color diagonal cutting plier (110mm/4.33")
Micro cutting plier
6" Adjustable wrench
Probe-pic spudder
Electrician's scissors
⊖ Pro-soft screwdriver 6.0x100mm (4.0")
⊕ Pro-soft screwdriver #2x100mm (4.0")
⊖ Pro-soft screwdriver 5.0x100mm (4.0")
⊕ Pro-soft screwdriver #1x100mm (4.0")
Double-end screwdriver
Precision hand drill
23 pcs 1/4" driver socket set
All-in-one toner & probe kit
In-line modular adapters 4/6/8 pin 3 in 1
Punch down tool with 110/66 blades
Heavy duty curved-claw hammer W/Fiberglass handle
Fish tape (50FT)
Velcro cable tie-5" assortment (15 pcs/pack)
10 pcs electronic combination wrench (Inch)
Utility component storage box
Pro-crimper (frame only)
Die set for 902-085 8P8C/RJ45 plug & cable O/D around 5.2ø
Die set for 902-085 RG 58, 59, 62, 174
Die set for 902-085 CATV F connectors RG 59, 6
Hi-reliability tape measure 3M/10Ft
6" straight forceps
2 pallets
Aluminum frame tool case with second pallet

- Case size: 461x331x156mm (18.2"x13"x6.1")
- Individual packing: Color box





PK-4023EI

Master Telecom Installation and Service Kit

TOOL KITS



Contents
Desoldering wick with 2.0mm
Blowing brush
Rotary Coaxial Stripper
2 pallets
7" Extension blade (175mm)
Driver blade T6
Driver blade T7
Driver blade T8
Driver blade T9
8 pcs screwdriver blades
⊕ #0, #1, #2 ⊖ 3, 5, 6mm ⊕ T10, T15
Wrist strap 10FT
● Nut blade: 1/4", 3/8", 3/16", 7/16", 11/32", 5/16"(inch)
Super torque ratchet handle
5" cutting pliers
5.5" long nose pliers
8" lineman's pliers (215mm/8.46") black oxide finish
Professional 3 3/4 auto-ranging digital multimeter
All purpose snip
6" Adjustable wrench
8.7" fiber optic crimping tool
8 pcs folding hex key set
10" Adjustable wrenches
Double end socket can wrench
Utility knife(3 blades self loading)
Punch down tool with 110/66 blades
4P/6P/8P Telecom crimping tool
Testing screwdriver
Utility component storage box
Soldering iron 110V
Precision wire stripper (AWG22/20/18/16/14/12/10)
All-in-one toner & probe kit
Data diver
Tool case W/1 pallet

- Case size (O.D): 463x331x171mm (18.2"x13.0"x6.7")
- Individual packing: Color box

3 3/4 auto range Digital multimeter



Auto range/
Frequency/
Capacitance/
Temperature

All-In-One Toner & Probe Kit



VDV Tester(Voice/Data/Video)

Fiber Optic Crimping Tool



For crimping ST, SC & FC fiber optic connectors, RG58, RG174 & Belden 8218

Data Diver



Features LCD display, Talk/monitor function, line polarity and power saving

• NOTE : For quality reason. we reserve the right to change the above specifications without notice.

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