

# Desolder, solder save money – all with one station.



High Power:  
120 watts!



**WX**

The WXD 2 Soldering and Desoldering Station  
and the WXDP 120 High-Power Desoldering Iron.

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**Weller**<sup>®</sup>

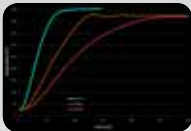
# This desoldering system is in a league of its own!

The WXD 2 Soldering and Desoldering Station and the WXDP 120 High-Power Desoldering Iron.



## 50% more power

New 120 watt High Power silver heating element uses Fast Response technology.



## Ultra-short heating-up time

The desoldering iron will heat from 50 °C to 350 °C in 35 seconds and if the standby mode is in operation, this could be as short as 20 seconds. A blue LED light ring on the tool handle gives visual indication of the temperature condition. It will flash as the tool heats and show a steady light when the operating temperature is reached.



## Huge energy savings

WX tools have an internal motion sensor. This signals to the control unit if the tool is in use or in its safety rest, so that power is only taken when it's needed.



## User-friendly handling

An ergonomic, soft grip handle with an integrated finger switch for applying the vacuum lets both left and right handed operators work comfortably and efficiently. The short distance between the solder cartridge and the handle prevents the tool twisting.



## No more tedious cleaning

The extended shaft in the new XDS series nozzles deposits molten solder directly into the solder cartridge and when the time comes to replace the nozzle the suction path is replaced. Therefore the time consuming task of cleaning the tool is no longer required, production time is increased and costs reduced.



## Extended life

The high power element with fast response means that lower operating temperatures can be used (380 °C) and when this is coupled with the standby mode nozzle life is considerably increased.



## Quick replacement

Thanks to ingenious mountings, the suction nozzle and solder cartridge can be changed quickly and easily – without the risk of burning or tricky replacement work.





### Internal data storage

Key settings are stored directly onto a memory in the hand tools. This enables WX series tools to be interchanged with WX series control units without the need to enter control data into the power unit. Saving time consuming set up.



### Intuitive operation

A straightforward and multi-lingual menu navigation system keeps familiarisation times to a minimum. The turn-and-click wheel allows intuitive operation.



### External compressed air supply

High pressure compressed air passing through a venturi will produce a constant high vacuum.



### Multi connectivity

The maximum power output of 255 W from the WX2 control unit permits the use all WX series tools. 200 W from a single output or 2 x 120 W if dual outputs are used. The WX connection cable can connect the control unit to external devices such as hot plates and fume extraction units.

## Technical data of WXD 2 control unit



### WXD 2 control unit

- Soldering station with 2 channels and Desoldering station
- Multilingual menu navigation and intuitive use
- Connectable tool power up to 255 W

Order number  
T0053426699

Order number  
UK version  
T0053426399

Dimensions L x B x H	170 x 151 x 130 mm (6,69 x 5,94 x 5,12 inch)
Weight	around 3,2 kg
Power supply	230 V   50 Hz
Power consumption	200 W (255 W)
Safety class	I, antistatic casing
Temperature range	Adjustable temperature range varies among tools (50°C – 550°C)
Temperature accuracy	± 9 °C (± 17 °F)
Temperature stability	± 2 °C (± 4 °F)
Casing material	Aluminum base with antistatic black (AMS 70002) coating; Antistatic polyamide synthetic casing
Control panel	Glass with antistatic coating
Dimensions of control panel	74 x 38 mm
Resolution	255 x 127 (128) dots
Background lighting	4 LEDs
Earth connection	4 options made via a 3.5 mm jack plug into a switch box on the rear of the control unit: a) Hard grounded: without plug (original delivery) b) Earth connection: with plug, compensating line on center contact c) Voltage free: with plug d) Soft grounded: with plug and soldered resistor; grounding through the selected resistor
USB port	Front mounted USB port for firmware updates, parameter setting and monitoring

## WX compatible tools












### WXDP 120 Desoldering iron set 120 W, 24 V with excenter fixture and safety rest WDH 70 (set)

- Rapid heat up time (35 sec. only)
- Push and Pull technology: easy change of the solder cartridge
- Programmable and intelligent via the WXD control unit

Order number  
T0051320299

### XDS-Nozzles

	Order number		Order number
XDS 1 / inside ø 1,4mm; outside ø 2,5mm	 T0051325099	XDS 6 / inside ø 0,7mm; outside ø 1,9mm	 T0051325599
XDS 2 / inside ø 3,0mm; outside ø 5,3mm	 T0051325199	XDS 7 / inside ø 1,2mm; outside ø 2,7mm	 T0051325699
XDS 3 / inside ø 1,0mm; outside ø 2,3mm	 T0051325299	XDS 8 / inside ø 1,5mm; outside ø 2,9mm	 T0051325799
XDS 4 / inside ø 1,2mm; outside ø 2,5mm	 T0051325399	XDS 9	 T0051325899
XDS 5 / inside ø 1,8mm; outside ø 3,3mm	 T0051325499		

## WX compatible tools



### WXP 65 soldering iron with safety rest WDH 10 (Set)

- 65 W | 24 V / max. temperature 450°C
- Very fast heat up time, suitable for small, extreme precision soldering
- XNT soldering tip, standard soldering tip XNT A

Order number  
T0052921299

### XNT soldering tip

Order number

Order number

XNT 1 / Soldering tip, Width:  $\varnothing$  0,25 mm



T0054485099

XNT C / Soldering tip, Width: 3,20 x 0,8 mm



T0054485899

XNT 1S / Soldering tip, Width:  $\varnothing$  0,20 mm



T0054485299

XNT D / Soldering tip, Width: 4,0 x 0,8 mm



T0054485399

XNT 1SC / Soldering tip, Width: 0,40 x 0,15 mm



T0054486299

XNT GW / Gullwing



T0054485499

XNT 4 / Soldering tip, Width:  $\varnothing$  1,20 mm



T0054485599

XNT H / Soldering tip, Width: 0,8 x 0,4 mm



T0054485999

XNT 6 / Soldering tip, Width: 1,60 x 0,4 mm



T0054485699

XNT K / Soldering tip, Width: 1,2 x 0,4 mm



T0054486099

XNT A / Soldering tip, Width: 1,60 x 0,4 mm



T0054485199

XNT KN / Soldering tip, Width: 2,0



T0054486399

XNT B / Soldering tip, Width: 2,40 x 0,8 mm



T0054485799



### WXP 120 soldering iron with safety rest WDH 10 (Set)

- 120 W | 24 V / max. temperature 450°C
- For soldering small and large components with high heat demands
- XT soldering tip, standard soldering tip XT B

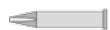
Order number  
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### XT soldering tip

Order number

Order number

XT A / Chisel tip, Width: 1,6 mm, Thickness: 0,7 mm



T0054470399

XT DS / Round tip, Width:  $\varnothing$  5,0 mm



T0054471799

XT AA / 60° Soldering tip, Width:  $\varnothing$  1,6 mm



T0054470899

XT E / Chisel tip, Width: 5,9 mm, Thickness: 1,2 mm



T0054470799

XT AL / Chisel tip, Width: 1,6 mm, Thickness: 1,0 mm



T0054470199

XT F / 30° Round tip bent, Width:  $\varnothing$  1,2 mm



T0054471899

XT B / Chisel tip, Width: 2,4 mm, Thickness: 0,8 mm



T0054470499

XT GW / Soldering tip, Width: 2,3 mm / 3,2 mm



T0054471299

XT BB / 45° Soldering tip, Width:  $\varnothing$  2,4 mm



T0054470999

XT H / Chisel tip, Width:  $\varnothing$  0,8 mm, Thickness: 0,4 mm



T0054471399

XT BS / Round tip, Width:  $\varnothing$  2,4 mm



T0054471599

XT KN / 60° Soldering tip, Width:  $\varnothing$  2,0 mm



T0054471199

XT C / Chisel tip, Width: 3,2 mm, Thickness: 0,8 mm



T0054470599

XT M / Chisel tip, Width: 3,2 mm, Thickness: 1,2 mm



T0054470299

XT CC / 45° Soldering tip, Width:  $\varnothing$  3,2 mm



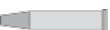
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XT O / Round tip, Width:  $\varnothing$  1,0 mm



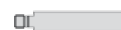
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XT CS / Round tip, Width:  $\varnothing$  3,2 mm



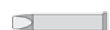
T0054471699

XT adapter M4



T0054471999

XT D / Chisel tip, Width: 4,6 mm, Thickness: 0,8 mm



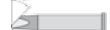
T0054470699

XT adapter M5



T0054472099

XT D45 / 45° Solar Soldering tip, Width: 5 mm



T0054472199

XT Measuring tip



T0054472299

## WX compatible tools



### WXP 200 soldering iron with safety rest WDH 31 (Set)

- 200 W | 24 V / max. temperature 450°C
- Ideal for soldering that requires high heat e.g. for LED back planes
- XHT soldering tip, standard soldering tip XHT D

Order number  
T0052920699

### XHT soldering tip

Order number

Order number

XHT C / Chisel tip, Width 3,2 mm, Thickness: 1,2 mm



T0054480499

XHT E / Chisel tip, Width: 7,6 mm, Thickness: 1,5 mm



T0054480299

XHT D / Chisel tip, Width: 5,0 mm, Thickness: 1,2 mm



T0054480199

XHT / Measuring tip



T0054480399



### WXMP micro soldering iron with safety rest WDH 51 (Set)

- 55 W | 12 V / max. temperature 450°C
- Extremely powerful due to an integrated active soldering tip ideal for working under a microscope
- RT soldering tip

Order number  
T0052920499

### RT soldering tip

Order number

Order number

RT 1 / Needel tip Ø 2,0 mm, 40 W



T0054460199

RT 6 / Round tip 45° sloped 1,2 mm, 40 W



T0054460699

RT 1NW / Needle tip Ø 1,0 mm, chrome  
40 W not wettable for component 0201/0204



T0054462599

RT 7 / Knife tip 45° sloped 2,2 mm, 40 W



T0054460799

RT 1SC / Chisel tip 0,4 x 0,15 mm, 40 W



T0054461299

RT 8 / Chisel tip 2,2 x 0,4 mm, 40 W



T0054460899

RT 1SCNW / Meißelform 3,0 x 1,0 mm, chrome,  
40 W not wettable for component 0201/0204



T0054462699

RT 9 / Chisel tip 0,8 x 0,4 mm, 40 W



T0054460999

RT 2 / Point tip Ø 0,8 mm, 40 W



T0054460299

RT 10GW / Gull wing 1,2 x 2,0 mm, 40 W



T0054461099

RT 3 / Chisel tip 1,3 x 0,4 mm, 40 W



T0054460399

RT 11 / Chisel tip 3,6 x 0,9 mm, 55 W



T0054461199

RT 4 / Chisel tip 1,5 x 0,4 mm, 40 W



T0054460499

RT / Measuring tip



T0054461399

RT 5 / Chisel tip bent 30° 0,8 x 0,4 mm, 40 W



T0054460599



### WXMT Micro tweezers with safety rest WDH 60 (Set)

- 2 x 40 W | 12 V / max. temperature 450°C
- Ideal for soldering and desoldering very small SMD parts
- RTW soldering tip, standard soldering tip RTW 2

Order number  
T0051317899

### RTW soldering tip

Order number

Order number

RTW 1  
Tip set Ø 0,4 mm, 45°, 80 W, 10 mm



T0054465199

RTW 4  
Tip set chisel tip 6 x 1,0 mm, 45°, 80 W



T0054465499

RTW 2  
Tip set chisel tip 0,7 x 0,4 mm, 45°, 80 W



T0054465299

RTW 6NW  
Tip set Ø 0,2 mm, 45° chrome unwettable, for  
soldering and desoldering of micro devices components 0201 / 0402



T0054465699

RTW 3  
Tip set chisel tip 3 x 1,0 mm, 45°, 80 W



T0054465399

## WXD control units



WXD 2010  
Consist of Power unit WXD 2 with WXDP 120 High-Power Desoldering iron and safety rest

Order number  
T0053428699

Order number  
UK version  
T0053428399



WXD 2020  
Consist of Power unit WXD 2, WXDP 120 High-Power Desoldering iron with safety rest as well as WXP 120 soldering iron with safety rest

Order number  
T0053429699

Order number  
UK version  
T0053429399

## WX compatible fume extraction units



Zero Smog 4V  
Portable fume extraction unit for large areas, with a built-in turbine and pressure regulator for constant volume flow

Order number  
T0053660699



WFE 4S  
Mobile fume extraction for large areas, with a built-in turbine

Order number  
T0053649699

WFE 20D  
Fume extraction for tip suction at the soldering tip, with a built-in turbine

Order number  
T0053647699

## WX compatible heating plates



WHP 1000  
Heating plate 1000 W | 230 V, heated surface area: 220 x 150 mm

Order number  
T0053364899

WHP 3000  
Infrared-heating plate 600 W | 230 V, with Easy-Fix circuit board holder, heated surface area: 120 x 190 mm

Order number  
T0053338699



WHP 3000  
Infrared heating plate 1200 W | 230 V, with Easy-Fix circuit board holder, heated surface area: 190 x 245 mm

Order number  
T0053364699

## WX adapter



WX adapter for PC

Order number  
T0058764711

WX adapter for WFE | WHP

Order number  
T0058764712

WX connection cable

Order number  
T0058764710

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