

Tooling

Hand Assembly Tools



- Hand Tool – ideal for maintenance, repair or prototyping.
- Low Volume

Hand Tool MRT

Part No.	Connector Spacing
MRT-100F	.100" (2.54mm)
MRT-156F	.156" (3.96 mm)



- Terminates discrete wire into end and through connectors.
- Operator friendly
- Robust construction
- Low Volume

Manual Tool MMIT

Part No.	Connector Spacing	Weight
MMIT-100F	.100" (2.54 mm)	.3 lbs. (0.15 kg)
MMIT-156F	.156" (3.96 mm)	.3 lbs. (0.15 kg)



- Lightweight – easy to use.
- Automatically indexes to next circuit position.
- Medium Volume

Manual Tool MCT

Part No.	Description	Weight
MCT*	Manual Hand Tool	.6 lbs. (0.28 kg)

* For use with interchangeable nose sections – CTD.
Order nose sections separately. (See page 18)

Tooling

Hand Assembly Tools



- Operates on 85 PSI air pressure.
- Includes filter regulator and hose.

Pneumatic Tool PCT

Part No.	Description	Weight
PCT*	Pneumatic Hand Tool	.7 lbs. (0.31 kg)
PCT BM*	Bench Mount with Foot Pedal	5.0 lbs. (2.25 kg)

* For use with interchangeable nose sections – CTD.
Order nose sections separately.



- For End connectors – type CE, CEH, CEP
- For single wire.
- For use with discrete wire.
- Use with MCT, PCT or PCTBM Tools.

Interchangeable Nose Section CTD

Part No.	Spacing	Tool
CTD-100F	.100" (2.54 mm)	MCT, PCT
CTD-156F	.156" (3.96 mm)	MCT, PCT

Tooling

Termination Tools



- for use with discrete wire
- controlled cycle head automatically indexes to next circuit position
- connectors can be loaded at any point in feed track
- operated by foot pedal

Manual Tool

Part No.	Description
ECT	Motor, track and foot pedal
ECT-100F	.100" (2.54 mm) termination nose and track insert
ECT-156F	.156" (3.96 mm) termination nose and track insert



- automatic track fed machine
- connectors are loaded onto the track and automatically fed into termination area
- for MAS-CON end connectors with 2.54 mm spacing
- quick termination of flat cable
- operated by foot pedal
- Operates on 85 PSI air

Manual Tool

Spacing	.100" (2.54 mm)
Part No.	CTM28F-100FA



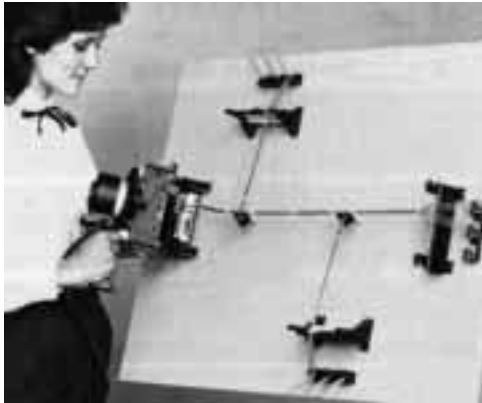
- for use with MAS-CON End connectors on reels
- connectors on reels are automatically fed into the termination apress
- supplied with foot pedal and hose assembly
- Operates on 85 PSI air

Pneumatic Reel Fed Tool CTM

Spacing	.100" (2.54 mm)	.156" (3.96 mm)
Part No.	CTM28F-100FR	CTM24F-156FR

Tooling

On-Board Harness System for High Volume Requirements



Connectors in 2.54 mm and 3.96 mm spacing. Lightest tool in the industry. Connectors are snapped into the fixtures, the harness is constructed by inserting wires into retention fingers of each circuit, apply the PPHT tool to each fixture and mass terminate in one operation. For use with discrete wire and flat cable applications.

Pneumatic harness board hand tool for MAS-CON End and Through – PPHT

Part No.	Spacing	Description	Color	Weight
PPHT-100F	.100" (2.54 mm)	Pneumatic Hand Tool	Red	2.9 lbs (1.3 kg)
PPHT-156F	.156" (3.96 mm)		White	2.9 lbs (1.3 kg)



Harness board fixtures hold connectors in place and provide locking posts for the PPHT tool during termination. The two piece fixture/base concept provides maximum utilization of your harness system investment.

- FE** – End Connector, cuts off wire flush
- FT** – Through Connector, no cut off
- FC** – Through Connector, selection cut off

Harness Board Fixtures

Description	for End connectors cut off		For Through connectors no cut off		For Through connectors select cut off	
	.100" (2.54 mm)	.156" (3.96 mm)	.100" (2.54 mm)	.156" (3.96 mm)	.100" (2.54 mm)	.156" (3.96 mm)
Fixture with base	PPHT-100FE	PPHT-156FE	PPHT-100FT	PPHT-156FT	PPHT-100FC	PPHT-156FC



Extra bases (two provided with each fixture). Boards can be prepared with these low cost bases in place and stored. Each board is then ready for instant installation of fixtures to meet current production requirements.

Bases for Mounting Fixtures

Part Number	Packaging Qty
CP11029C01	1 each