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Find the *Cooper Hand Tools / Weller MT1500* at our website: ***Click HERE***

MT1500 Microtouch™ Soldering Station

MT1502



MT1501

The Weller Advantage

- An intigrated heater and tip design gives you immediate heat for faster soldering. Heats up to set temperature in as little as 3 seconds
- The Touch Mode extends tip life and reduces operating costs by automatically powering down the pencil upon placing in the stand, and quickly adjusts to set temperature when the handle is touched again
- Unconditional five year warranty on the station and hand piece to ensure your complete satisfaction

MT1500 includes: *MT1501* soldering pencil (no tip), and *MT1502* stand, and leather tip-changing pad.

Additional Product Features and Benefits:

- Quick tip change system requires no tools, saves you time and money
- Superior thermal recovery improves performance in all applications
- Three operating modes increases flexibility:
  Continuous - tip stays at set temperature until turned off
  Idle - station automatically sets back the temperature too 400°F (204°C) after 1 minute of inactivity
  Touch Mode - station automatically powers the tool down upon release of handle and almost instantly adjusts to desired temperature when handle is touched again
- Iron is fitted with a non-burnable silicon rubber cord for safety
- UL and cUL listed
- ESD safe to protect sensitive components
- Use MT series tips found on page 11

Station	MT1500	Pencil	PES51
Voltage	120V (input); 24V/12V/6V (output) **	Iron Cord Length	4 ft. (1.22 m)
Power Consumption	150W	Supplied Tip	Tip Not Included
Temperature Range	400°F - 800°F (204°C - 454°C)	Iron Stand	MT1502
Footprint	6 5/8 X 4 1/8 X 3 7/8 IN (16.8 X 20.6 X 9.8 CM)		
Weight	8.2 lb. (3.72 kg)		
Temperature Accuracy	+/- 9°F (6°C)		
Temperature Stability	+/-10°F (6°C)		
ESD Safe?	Yes		

**** Tip Specific**

Applications:

- Production, rework, and repair of through hole and SMT boards. Lead-free solder applications. Heavy ground planes and multi-layer boards.



The MT1500 can handle the most demanding applications.



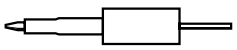
The MT1500 soldering pencil at work on a SMT component.

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MT Series Tips for MT1501 Soldering Pencil

Tip Dimension Legend:

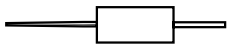
A = Tip Diameter
B = Tip Thickness
C = Tip Reach



Screwdriver

Cat. No.	A in.	A mm	B in.	B mm	C in.	C mm
MT211	0.045	1.14	0.015	0.38	1.00	25.40
MT212*	0.045	1.14	0.015	0.38	1.00	25.40
MT301	0.047	1.19	0.015	0.38	0.02	0.51
MT604	0.060	1.52	0.025	0.64	0.39	9.78
MT601	0.070	1.78	0.023	0.58	0.39	9.78
MT602	0.100	2.54	0.030	0.76	0.39	9.78
MT610	0.200	5.08	0.030	0.76	0.35	8.89

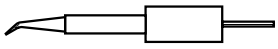
*** Non-wetting**



Conical

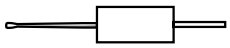
Cat. No.	A in.	A mm	B in.	B mm	C in.	C mm
MT302	0.015	0.38	--	--	0.02	0.51
MT303	0.015	0.38	--	--	0.32	8.13
MT606	0.016	0.41	--	--	0.53	13.46
MT613	0.020	0.51	--	--	0.52	13.21
MT609	0.023	0.58	--	--	0.60	15.24
MT202	0.030	0.76	--	--	1.00	25.40
MT203†	0.030	0.76	--	--	1.00	25.40
MT204*	0.030	0.76	--	--	1.00	25.40

*** Non-wetting**
† Mil-Spec



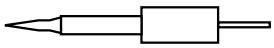
Bent Conical

Cat. No.	A in.	A mm	B in.	B mm	C in.	C mm
MT605	0.016	0.41	--	--	0.56	14.22
MT603	0.020	0.51	--	--	0.60	15.24



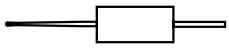
Chisel

Cat. No.	A in.	A mm	B in.	B mm	C in.	C mm
MT611	0.060	1.52	0.010	0.25	0.61	15.49
MT614	0.100	2.54	0.015	0.38	0.19	4.38



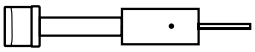
Bevel

Cat. No.	A in.	A mm	B in.	B mm	C in.	C mm
MT607	0.020	0.51	0.010	0.25	0.53	13.50
MT608	0.040	1.02	0.020	0.51	0.56	14.22



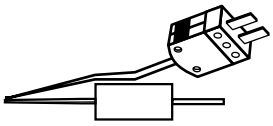
Micro

Cat. No.	A in.	A mm	B in.	B mm	C in.	C mm
MT221	0.031	0.79	--	--	1.00	25.40



SMT Blade

Cat. No.	A in.	A mm	B in.	B mm	C in.	C mm
MT617	0.410	10.41	0.022	0.56	0.28	7.11
MT1205	0.820	20.83	0.022	0.56	0.28	7.11



Calibration

Cat. No.	A in.	A mm	B in.	B mm	C in.	C mm
MT220	0.030	0.76	--	--	--	--
MT620	0.063	1.59	0.023	0.58	0.39	9.78

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