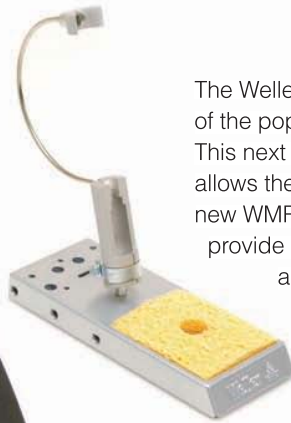


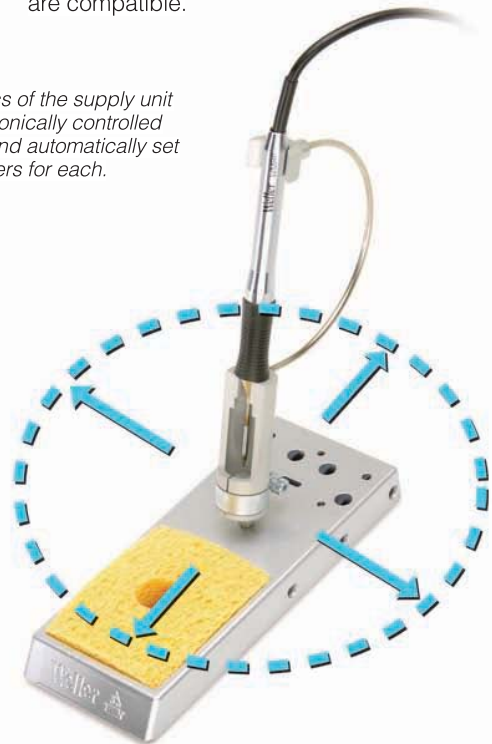
Multi-function | PC interface

High speed regulation for micro soldering tools



The Weller WD1000M and WD2000M are an extension of the popular WD1000 and WD1001 soldering stations. This next generation product features a technology that allows the use of the WMRP micro soldering pencil and the new WMRT micro desoldering tweezers. The electronics provide high speed regulation for these new tools, with advanced technology for high reliability and micro electronic applications. In addition, standard Weller soldering tools such as the WP80 80-watt soldering pencil are compatible.

The digital control electronics of the supply unit detect all other Weller electronically controlled soldering tools up to 80W, and automatically set the optimal control parameters for each.



WMRH | Ergonomic masterpiece

The WMRH safety rest has been designed with the latest ergonomic considerations in mind. The special geometry of the holder actually relieves the wrist of a substantial amount of strain. The holder can be adjusted with a ball-and-socket joint at the base.



Simple PC Connection

A USB connector on the rear of the station allows data logging, ISO verification and station control via an external PC. Free software is included.



WMRP Soldering Pencil

The small and lightweight construction makes work both easy and comfortable.



Stop and Go Tool Holder

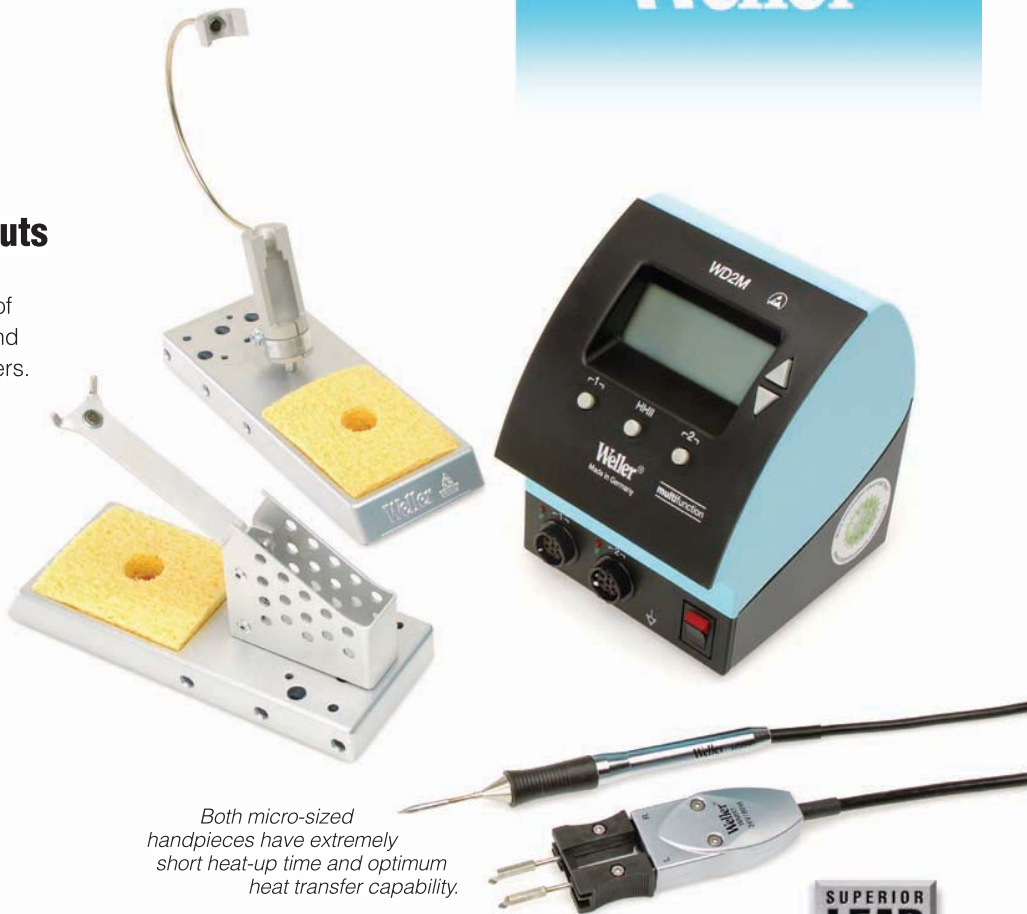
The built-in Stop+Go function in the safety rest reduces the temperature of the tip when the pencil is inserted for longer life.

Weller®

WD2000M | 2-80 Watt outputs

The WD2000M allows simultaneous use of both the WMRP micro soldering pencil and the new WMRT micro desoldering tweezers. An ideal package for reworking small component circuit boards.

Silver buttons on the front panel indicate compatibility with silver soldering pencil (WMRP) and rework tweezers (WMRT).



Both micro-sized handpieces have extremely short heat-up time and optimum heat transfer capability.

**SUPERIOR
LEAD
FREE
PERFORMANCE**

WMRTH | featuring Stop+Go

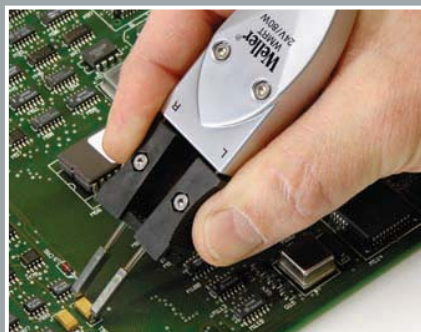
When you place the WMRT tweezers in the WMRTH Stop+Go rest, the unit is switched off to extend tip life. When you remove the tweezers from the stand, you can begin working again almost immediately due to the super-fast heat-up.

See page 8 for features on the WMRP soldering pencil and the WMRT Micro desoldering tweezers



Dual Outputs

The WD2000M control unit has dual outputs. Two-channels will run up to two 80 watt tools simultaneously.



WMRT Desoldering Tweezers

Quickly and easily desolders SMD chip packages as small as 0201.



Stop and Go Tool Rest

The built-in Stop+Go function in the safety rest reduces the temperature of the tips when the tweezers is inserted.

WMPRP | WMRT

Micro-sized handpieces

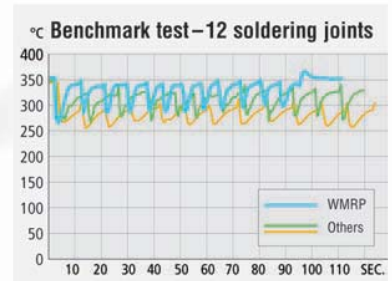
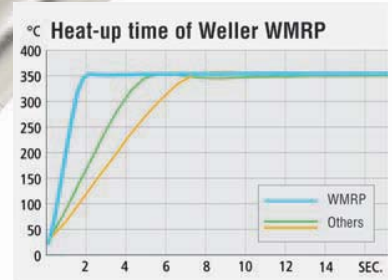
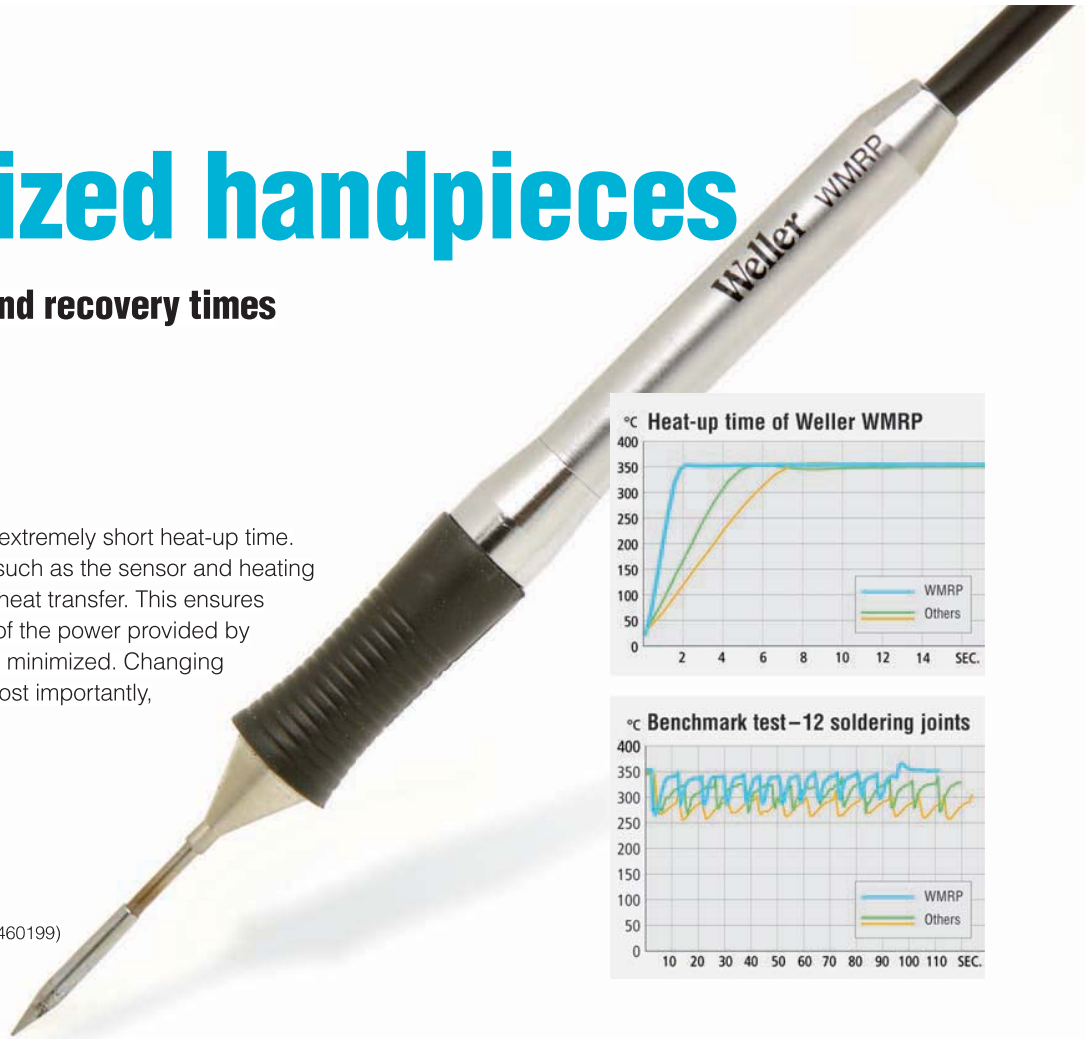
Boasting fast heat-up and recovery times

WMPRP Quick and versatile

The WMPRP soldering pencil has an extremely short heat-up time. All component parts of the system, such as the sensor and heating element, are designed for optimum heat transfer. This ensures absolute efficiency in the utilization of the power provided by the supply unit. The recovery time is minimized. Changing soldering tips is quick, easy, and, most importantly, requires no tools.

Specifications:

WMPRP Pencil	
Power Consumption	40W
Voltage	24 V
Cord Length	4 ft. (1.22 m)
Supplied Tip	RT1 (Order No. 0054460199)



WMRT Left and right tweezer legs individually controlled

The micro design employs the use of tip cartridges with a twin parallel design, so the tips are always in alignment. With the WMRT, you are able to desolder very small SMD components down to 0201.

Specifications:

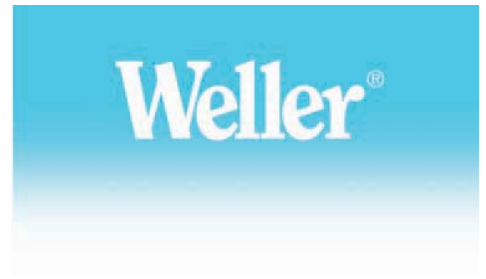
WMRT Tweezer	
Power Consumption	80W
Voltage	24 V
Cord Length	4 ft. (1.22 m)
Supplied Tip	RTW2 (Order No. 0054465299)

WMRT | Featuring fast, easy tip cartridge changes

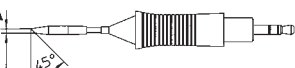
Tip changes can be made quickly without a tip changing tool or grip pad. Easy plug in-plug out design.







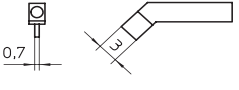

TIPS



RT SERIES TIPS FOR WMRP MICRO SOLDERING PENCIL

	Model	Description	Width A	Thickness B	Order No.
	RT 1	Needle tip	–	–	0054460199
	RT 2	Point tip	Ø 0.4 mm	–	0054460299
	RT 3	Chisel shape, straight	1.3 mm	0.4 mm	0054460399
	RT 4	Chisel shape, straight	1.5 mm	0.4 mm	0054460499
	RT 5	Chisel shape, bent, 30°	0.8 mm	0.4 mm	0054460599
	RT 6	Round shape, beveled, 45°	Ø 1.2 mm	–	0054460699
	RT 7	Knife tip, 45°	2.2 mm	–	0054460799

TIP SETS FOR WMRT SOLDERING TWEEZER

	Model	Description	Dimensions	Order No.
 	RTW 1	Conical	0.2 mm	45° 0054465199
 	RTW 2	Conical	0.7 x 0.4 mm	45° 0054465299
 	RTW 3	Blade	3.0 x 0.7 mm	45° 0054465399
 	RTW 4	Blade	6.0 x 0.7 mm	45° 0054465499

Four configurations to give you the most efficient solution:



WD1M SINGLE CHANNEL POWER UNIT

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	85W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 17° F (± 9° C)
Temperature stability	± 9° F (± 5° C)



WD2M DUAL CHANNEL POWER UNIT

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	160W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 17° F (± 9° C)
Temperature stability	± 9° F (± 5° C)



WD1000M WD1M SINGLE CHANNEL POWER UNIT WITH WMRP MICRO SOLDERING PENCIL AND WMRH SOLDERING PENCIL STAND

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	85W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 17° F (± 9° C)
Temperature stability	± 9° F (± 5° C)
Stand	WMRH (Order No. 0051514599)
Pencil	WMRP (Order No. 0052917199)



WD2000M WD2M DUAL CHANNEL POWER UNIT WITH WMRP MICRO SOLDERING PENCIL AND WMRH SOLDERING PENCIL STAND, PLUS WMRT MICRO THERMAL TWEEZER AND WMRT STAND

Specifications:

Voltage	120 V (input); 24 V (output)
Footprint	5.27" x 4.25" x 5.77" (134 x 108 x 147 mm)
Power consumption	160W
Temperature range	150° F - 850° F (50° C - 450° C)
ESD safe	Yes
Temperature accuracy	± 17° F (± 9° C)
Temperature stability	± 9° F (± 5° C)
Stands	WMRH (Order No. 0051514599) WMRTH (Order No. 0051514699)
Pencils	WMRP Micro Soldering Pencil (Order No. 0052917199) WMRT Micro Tweezers (Order No. 0051317399)