

WD2000M

MULTI-FUNCTION DIGITAL SOLDERING STATION WITH PC INTERFACE AND TWO 80 WATT OUTPUTS

THE WELLER ADVANTAGE:

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.

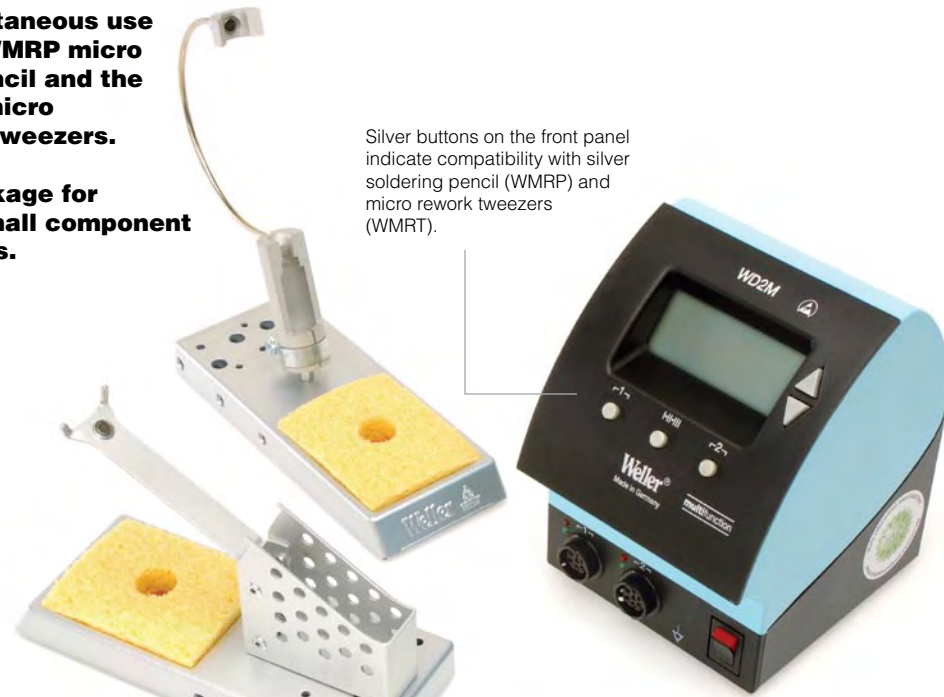
Silver buttons on the front panel indicate compatibility with silver soldering pencil (WMRP) and micro rework tweezers (WMRT).



FEATURES AND BENEFITS:

- Fast heat-up, thermal stability, and fine tips make it perfect for production or rework, in standard or lead-free applications
 - Heating element is built into the soldering tip for super-fast heat-up and recovery
 - When you place the WMRT tweezers in the WMRT Stop+Go rest, the unit is switched off to extend tip life.
- The following functions are built in to the WD2M power unit:**
- Setback time: Allows programming of the number of minutes (1 – 99), before temperature sets back to idle mode.
 - Standby temperature: Allows selection of desired setback temperature, down to 200°F.
 - Temperature lockout: Allows supervisor to easily set a temperature that cannot be changed by the operator.
 - °F/°C switching: Allows the temperature display to read in either °F or °C.
 - Temperature offset: Allows the display temperature to be adjusted +/- 72°F when working with higher mass tips, where the temperature reading can be affected by the mass of the tip.
 - Auto-Off Time: Allows programming the number of minutes of inactivity (1 – 99), before the station powers off automatically.

See page 12 for components and specifications
See page 11 for RT and RTW series tips



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



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.

TIPS

TIP SETS FOR WMRT SOLDERING TWEEZER

| | Model | Description | Dimensions | Order No. |
|--|-------|-------------|--------------|----------------|
| | RTW1 | Conical | 0.2 mm | 45° 0054465199 |
| | RTW2 | Conical | 0.7 x 0.4 mm | 45° 0054465299 |
| | RTW3 | Blade | 3.0 x 0.7 mm | 45° 0054465399 |
| | RTW4 | Blade | 6.0 x 0.7 mm | 45° 0054465499 |

RT SERIES TIPS FOR WMRP MICRO SOLDERING PENCIL

| | Model | Description | Width A | Thickness B | Order No. |
|--|-------|------------------------------|----------|-------------|------------|
| | RT1 | Needle tip | - | - | 0054460199 |
| | RT2 | Point tip | Ø 0.4 mm | - | 0054460299 |
| | RT3 | Chisel shape, straight | 1.3 mm | 0.4 mm | 0054460399 |
| | RT4 | Chisel shape, straight | 1.5 mm | 0.4 mm | 0054460499 |
| | RT5 | Chisel shape, bent, 30° | 0.8 mm | 0.4 mm | 0054460599 |
| | RT6 | Round shape, beveled, 45° | Ø 1.2 mm | - | 0054460699 |
| | RT7 | Knife tip, 45° | 2.2 mm | - | 0054460799 |
| | RT8 | Chisel tip, straight | 2.0 mm | 0.2 mm | 0054460899 |
| | RT9 | Chisel tip, straight | 0.6 mm | 0.2 mm | 0054460999 |
| | RT10 | Gull wing for drag soldering | 2.0 mm | 3.0 mm | 0054461099 |

