

## Micro Soldering



### WD 2000M – High speed temperature regulation for micro soldering applications

'M' denotes the multifunctional capability of Weller®'s WD 2000M soldering station. With its impressive high speed temperature regulation capability the WD 2M control unit is able to drive Weller®'s micro tools, the WMRP soldering pencil and the WMRT hot tweezers. The control unit's two channels allow two tools, of up to 80 W each, to be driven simultaneously. This makes the WD 2000M the ideal package for reworking small SMD components on heavily populated lead free circuit boards. It is particularly suited to work in laboratories, micro repair operations, working under microscopes and prototyping.

#### The WD 2000M comprises:

##### WD 2M Control Unit

- Large easy to read LCD display
- Temperature Lockout function on both channels – prevents setting high temperatures which can burn the flux and oxidise the solder joint
- Temperature Setback facility – saves energy by allowing stand-by temperatures and times to be set
- 3 Programmable Temperature Preset Buttons – allows the easy handling of different soldering operations
- USB Port – allows data logging, ISO verification and station control via PC link (free software supplied)

##### WMRP – Micro Soldering Iron

- Small size and lightweight construction makes the iron easy and comfortable to use
- Exceptionally short heat up time combined with minimal heat recovery time
- Fast and easy tip removal without the need for tools
- Short tip to grip for greater precision

##### WMRT – Micro Tweezers

- Twin parallel high speed heating elements
- Tip cartridge design ensures the tips are always in alignment and are easy to change even when hot
- Easy desoldering of very small SMD components down to 0201

##### Stop + Go stand

- Supplied for WMRP and WMRT tools these stands have automatic temperature Setback and rapid temperature Reset functionality
- Extends tip life and saves energy

##### Tip cleaning kit, extend life time of your tip

- WDC, dry cleaning by using special metal wool removing oxidation and surplus solder. After cleaning, a fine layer of solder remain avoiding unwettability of the tip
- Tip activator for regeneration of oxidized tips
- Stainless steel brush for removing burned residues
- Grindstone for removing compact oxide films in cold conditions