

## Weller Soldering station WD 2M



# Weller Info No. 4

### Weller WD 2M control unit

Weller sets the benchmark with an innovative control unit!

The microprocessor controlled WD2M unit further enhances Weller's reputation as a provider of flexible and innovative hand soldering systems. The control unit has a wide range of control functions built into its menu which have been developed to meet the needs of today's electronic manufacturing, service/repair and laboratory operations.



- The **modern, compact design** of the WD2M unit means that it takes up a minimum of valuable workbench space. The large easy to read LCD display and stable safety stands used with the tools associated with this control unit make for ease of use.
- The WD2M has **high speed regulation** and is able to drive the WMRP micro soldering iron and WMRTH micro thermal tweezers as well as all other Weller electronically controlled soldering tools up-to a maximum rating of 150 watts. Rapid acting closed loop temperature control and efficient thermal energy transfer from the heating element to the soldering iron tip guarantee temperature stability.
- **Dual outputs** provide simultaneous and independent use of two tools.
- **Automatic tool recognition**, a unique Weller innovation identifies the tool in use and applies the appropriate control parameters to the output eliminating the need for recalibration after tool changes.
- The new safety rests incorporating the stop+go function guarantee **extended tip life**. Placing a tool in the stand will switch the tool off, removing the tool from the stand will drive the tool back to the selected operating temperature in only few moments.
- The **USB interface** allows connection to a PC. When used in conjunction with the monitor software the unit allows easy documentation of process temperatures and setting changes.
- Software updates will be supplied free of charge.



**Technical Data WD 2M**

Dimensions (L x B x H mm):	134 x 108 x 147
Mains voltage:	230 V or 120 V / 50/60 Hz
Power input:	160 W
Protection class:	I (control unit), III (soldering iron)
Temperature control:	50 °C – 450 °C (150 °F – 850 °F)
Temperature accuracy:	± 9 °C (± 17 °F)
Temperature stability:	± 5 °C (± 9 °F)
Leak resistance of soldering tip:	< 2 mV (tip-to-ground)



WMRP Kit

**Order-Numbers**

WD 2M control unit is available separately, soldering tool kits with safety rest with Stop + Go function to be ordered additionally.



WMRT Kit

**Order-no. Control unit WD 2M:**

**005 34 106 99** WD 2M, 2 Channel power unit digital, 160 W / 230 V  
**WD2M** WD 2M, 2 Channel power unit digital, 160 W / 120 V

**Order-no. Micro-soldering pencil kit WMRP: 005 29 190 99**

Micro-soldering pencil WMRP, soldering tip RT 3, Stop+Go safety rest WDH 50

**Order-no.: Micro-desoldering tweezers kit WMRT: 005 13 173 99**

Micro-desoldering tweezers, soldering tip RTW 2, Stop+Go safety rest WMRTH

All Weller Soldering tools up to 160 W are connectable to the WD 2M.



Weller offers further WD stations:

- WD 1 control unit with 1 tool channel
- WD 2 control unit with 2 tool channels
- WD 1M control unit with 1 tool channel and High-Speed-Regulation
- WD 2M control unit with 2 tool channels and High-Speed-Regulation

and a wide range of soldering station sets.

Further information on [www.weller.eu](http://www.weller.eu) and in our current pricelist EPL 2007.

**Published by**

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