

<b>Order code</b>	<b>Manufacturer code</b>	<b>Description</b>
85-0576	0053402399	WD1000 SOLDERING STATION

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003



## New Product information

### WD 1000 Soldering Station

The NEW WD 1000 is the latest addition to the Weller range of microprocessor-controlled soldering stations.

Matching increased technical sophistication to a new modern ergonomic design Weller has produced a station to meet the most stringent of application demands in electronic production, repair, laboratory or R&D environments.

Precise measurement of feedback values in the closed loop control system results in exceptional set temperature accuracy as well as rapid thermal recovery.

In addition to the WSP80 supplied as standard with the WD1000 station the power unit (WD1) will accept any other compatible Weller tool and will automatically apply the appropriate control parameters for that tool.

This station also provides the user with four potential balance options and being manufactured from static dissipative material it meets all current ESD safety requirements.

#### Key characteristics of the WD 1 / WD 1000:

- Large **LCD display** facilitates setting and checking of control parameters.
- Ability to assign three fixed temperatures ( between 50deg and 450deg C) via temperature control buttons.
- Inbuilt functionality within the power unit to allow:
  - Variable temperature set back
  - Temperature offset to allow displayed temperature to match actual tip temperature.
  - Temperature lock out.
  - Remote ID for ISO applications.
- Optional USB interface allows remote control of multiple station functionality.
- Four different angle settings for soldering iron safety rest.





## New Product information

### Technical data:

Dimensions: 134 x 108 x 147 mm (l x w x h)  
Mains voltage: 230V / 50 Hz  
Power input: 95W  
Protection class: I (control unit), III (soldering iron)

Temperature control: 50°C – 450°C  
Temperature accuracy: +- 9°C  
Temperature stability: +- 5°C

Leak resistance of soldering tip: < 2 Ω  
(Tip to ground)

Leak voltage of soldering tip: < 2 mV  
(Tip to ground)

### WD 1000 Soldering Station (Part Number 0053402399) Consists of:

- WD 1 Control Unit (Part Number 0053400399)
- WSP 80 Soldering Iron (Part Number 0052916199)
- WDH 10 Soldering Iron Support (Part Number WDH 10)

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