

## Product information

### WD 1 / WD 1000

The microprocessor-controlled soldering station WD 1/WD 1000 is part of a generation of devices which were developed for industrial production technology, including repair and laboratory areas in a modern ergonomic design.

Top temperature accuracy and optimised, dynamic temperature behaviour when under stress is achieved by fast and precise measured value recording in the closed control loop.

The soldering tools themselves are recognised automatically by the WD 1/WD 1000 and the corresponding control parameter assigned.

Various potential balancing options and an antistatic design of the control unit and soldering iron add to the high quality standard.

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

- The big **LCD display** allows clearly information and simply handling.
- Three fixed temperatures can be assigned with the temperature buttons. You can set the temperatures value as desired.
- The following settings are possible without any accessory unit: custom-designed calibration function, programmable temperature decrease (setback), interlock functions and remote ID for ISO applications.
- You can extend the functional diversity of this unit with a **USB interface for ISO application** for calibration, configuration and precise measured values.
- The antistatic design of the safty rest has got four different settings.



## Product information

### Technical data:

Dimensions: 134 x 108 x 147 mm (l x w x h)  
Mains voltage: 230V / 50/60Hz  
120V / 60Hz (USA)  
Power input: 95W  
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 Ω  
(Tip to ground)

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

### Accessories:

52917899 Soldering iron set WSP 80  
53313199 Soldering iron set MPR 80  
53311399 Soldering iron set LR 82  
52917999 Soldering iron set WMP  
53313399 Desoldering set WTA 50  
52702899 Pre-heating plate WHP 80  
WPHT Switching holder (WMP)  
WPH 81T Switching holder (WSP 80)  
USB Extension module

### Scope of supply:

**WD 1000**  
Control unit  
Mains cable  
Operation instruction  
Safety information  
Jack plug  
Soldering iron WSP 80  
Safety reset WDH 10

**WD 1**  
Control unit  
Mains cable  
Operation instruction  
Safety information  
Jack plug

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