

322 4697

New from

Weller



Much more than  
hot air

The new Weller WAD 100 hot air station features digital process control for accurate temperature set. The built-in micro processor circuitry automatically recognizes all Weller soldering irons and provides the optimal settings of the connected tools as well as the HAP 1 that comes as standard with the stations. A wide range of nozzles and tools makes the WAD 100 ideal in many soldering and desoldering applications of surface mount devices. The WAD 100 requires a compressed air supply with oil-free, dry air or nitrogen (N<sub>2</sub>). In connection with the Weller WCB 1 or WCB 2 units, the WAD 100 can be further enhanced by programming of settings as well as a PC-interface (only WCB 2).

Technical Data WAD 100

Dimensions (L x W x H): 180 mm x 115 mm x 101 mm  
 Temp. Reg.: Hot Air 50°C - 550°C  
 Soldering Iron 50°C - 450°C  
 Flow Rate: Approx. 0-10 l/min.  
 Protection Class: 1 (control unit) 3 (soldering tool)  
 Compressed air  
 Connection: Compressed air hose of 6 mm (0,24") external diameter  
 Compressed Air: Inlet pressure 400KPA (58 psi) oil-free, dry compressed air or nitrogen (N<sub>2</sub>)



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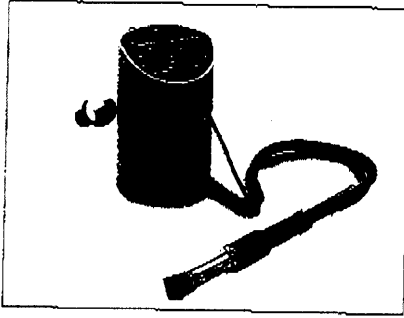
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## Model

## Description



### WHA 300

D, F	5 33 216 99
GB	5 36 213 99
CH	5 36 215 99
DK	5 36 216 80
I	5 36 211 99
IL	5 36 219 99
SA, IND	5 36 216 84

#### Technical Data:

- Built-in Pump
- Stand-by function
- No vacuum function
- Power output: 700 W
- Temperature range: 50°C - 550°C
- Air volume: 10l - 50l/min
- Integrated support

*Allows hot air  
does not remove solder  
reflow desolder -  
place "head" over  
when solder leads  
with tweezers.*

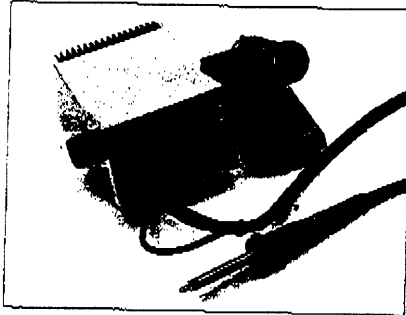
#### Consists of:

- Power unit with integrated tool support
- Hot air pencil
- Hex screwdriver SW 2,5 mm

#### Accessories:

- Foot switch 5 13 120 99
- Nozzle support for 6 nozzles 5 15 048 99
- Nozzle changer 5 15 049 99

Exploded drawing: see page 204.  
Nozzles: see pages 143 - 145



### WAD 100

D, F	5 31 466 99
GB	5 31 463 99
CH	5 31 465 99
DK	5 31 470 99
I	5 31 471 99
IL	5 31 473 99
SA, IND	5 31 474 99

The WAD 100 hot air station features digital process control accurate temperature set. The built-in micro processor automatically recognizes all Weller soldering irons and sets the optimal settings of the connected tools. A wide range of nozzles makes the WAD 100 ideal in many soldering and desoldering applications.

#### Technical Data:

- Compressed air or nitrogen supply required (4 bar, clean, oil-free)
- Temperature range: 50°C - 550°C
- Air volume: 10l / min
- Output: 100 W
- ESD safe

#### Consists of:

- Power unit
- Hot air pencil HAP 1 100 W with finger switch 5 27 115 99
- Support KH 27 5 15 027 99
- Nutdriver Xcelite P8 MM 5 13 809 00
- Compressed air tube, 2 m, outside-ø 6,0 mm

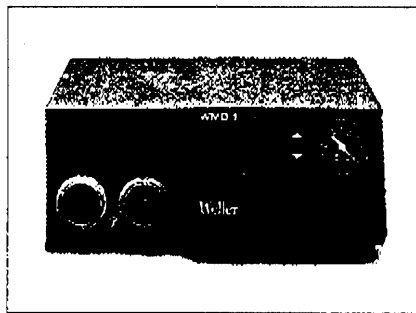
Exploded drawing: see page 198.

Nozzles: see pages 141 - 142

Options: 25, 50, 80 W soldering irons see page 74.

Model

Description



**WMD 1**

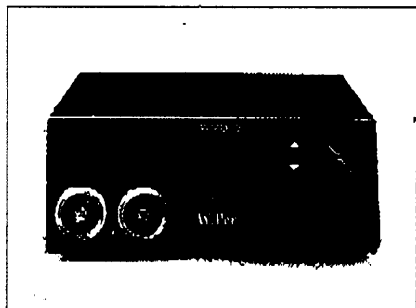
D, F	5 33 226 99
GB	5 33 223 99
CH	5 33 225 99
DK	5 33 226 80
I	5 33 226 81
IL	5 33 225 85

Weller Multi Digital Power unit

Technical Data:

- All temperature controlled soldering irons and HAP 1 can be powered
- Airflow and vacuum are produced by an internal pump
- Digital read-out for read and setting functions
- Auto return to read-temperature mode
- ESD safe
- Temperature range: 50°C - 450°C for all Soldering and Desoldering irons  
50°C - 550°C for hot air pencil (HAP 1)
- Power absorption: 175 W
- Max. power output: 100 W

Exploded drawing: see page 210.



**WMD 3**

D, F	5 33 026 99
GB	5 33 023 99
CH	5 33 025 99
DK	5 33 026 80
I	5 33 026 81
IL	
SA, IND	5 33 026 84

Weller Multi Digital Power unit

Technical Data:

- Provides 3 simultaneous functions (e.g. soldering, desoldering and hot air)
- Built-in pump provides air and vacuum
- Digital read-out
- Lock-out key for set function parameters
- Timer function for stand-by and hot air flow
- Temperature range: 50°C - 450° for all desoldering tools  
50°C - 550°C for hot air pencil (HAP)
- Max. output: 100 W each channel
- Max. vacuum: 0,7 bar
- Hot air: 1 - 10l/min continuously adjustable
- ESD safe

Exploded drawing: see page 211.

For options see survey on page 74