

# Weller®

## Weller Rework Stations WMD1D / WMD1A

The multi application ability of this station makes it ideal for use in situations where the maximum amount of flexibility is required.

The station has an in built air pump to provide air for the hot air pencil and also vacuum for the desoldering tools, and can be used to rework both surface mounted and through hole components.

The WMD1S control unit is common to both stations, and incorporates a microprocessor controlled system to regulate the solder and desolder processes. The processor can also identify which tool is being used and calibrate the output automatically without the need for manual adjustment. All of the accessories listed below can be driven from the control unit.

By use of the WCB1 and WCB 2 control boxes, additional functions can be programmed into the base unit such as, temperature lock, set back time, temperature offset, °C / °F, factory setting reset.

Two versions are available:

### WMD 1D Desoldering Station

Consists of:

- Control unit WMD 1S
- Desoldering set DS80UNC, 80 Watt

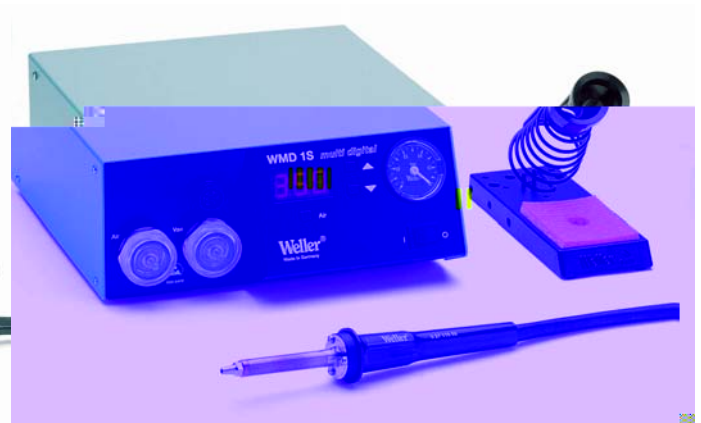


**Order No. WMD 1D:**  
**Product Code 332976**

### WMD 1A Hot Air Station

Consists of:

- Control unit WMD 1S
- Hot air pencil HAP 1, 100 Watt



**Order No. WMD 1A:**  
**Product Code 332959**

For more information please contact:

### Cooper Tools Pty Limited

519 Nurigong St  
Albury NSW 2640  
Tel.: (02) 60580300  
Fax: (02) 60217403  
E-mail: [coopertools@coopertools.com](mailto:coopertools@coopertools.com)

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## Weller Repair Station WMD 1S

### Technical Data:







Dimensions (LxWxH):	240 x 270 x 105 mm
Mains voltage:	230 V 50 Hz
Power input:	175 W
Safety class:	1 and 3
Fuse:	T800mA 5 x 20
Temperature control:	Soldering / Desoldering iron: 50°C – 450°C
	Hot air pencil: 50°C – 550°C
	WSP 150: 50°C – 550°C
max. air:	20 l/min (hot air 10 l/min)
max. vacuum:	0,7 bar

The stations meet ESD requirements.

### Accessories:

		Product Code
5 33 125 99	80W Soldering iron set WSP 80	335484
5 13 191 99	80W Desoldering tool DS 80 UNC	-
5 33 127 99	80W Desoldering set DSV 80 UNC	333214
5 33 133 99	Desoldering tweezer set WTA 50	333810
5 33 135 99	150W Soldering iron set WSP 150	-
5 33 114 99	Hot air pencil HAP 1 (100W)	333420
5 27 040 99	Solder bath WSB80	335150
5 27 042 99	Solder bath WSB150	332979
5 25 030 99	Pre heating plate WHP 80	333403
5 31 181 99	Control box WCB 1	333802
5 31 180 99	Control box WCB 2	333816

## DS Series Tips to suit DS80UNC Desolder Tools









































	<b>DS110</b>	0.63	1.52	12.7	<b>333250</b>
	<b>DS111</b>	0.63	2.28	12.7	<b>333251</b>
	<b>DS112</b>	0.91	1.93	12.7	<b>333252</b>
	<b>DS113</b>	1.16	2.48	12.7	<b>333253</b>
	<b>DS114</b>	1.80	3.25	12.7	<b>333254</b>
	<b>DS115</b>	0.63	1.52	19.05	<b>333255</b>
	<b>DS116</b>	1.14	2.48	19.05	<b>333256</b>
	<b>DS117</b>	0.63	2.28	19.05	<b>333257</b>

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## Hot Air Nozzles to suit HAP1 Hot Air Pencil

		<b>F02</b>	Flat nozzle	8 x 1.5mm	58727774	<b>e</b>	<b>335144</b>
		<b>F04</b>	Flat nozzle	10 x 1.5mm	58727773	<b>e</b>	<b>335227</b>
		<b>F06</b>	Flat Nozzle	12 x 1.5mm	58727772	<b>e</b>	<b>335141</b>
		<b>R01</b>	Calibrating Nozzle		58727808		<b>336411</b>
		<b>R10</b>	Straight Nozzle	2.5mm diam.	58727787	<b>e</b>	<b>336424</b>
		<b>R02</b>	Nozzle	0.8mm diam.	58727823	<b>e</b>	<b>334110</b>
		<b>R04</b>	Nozzle	1.2mm diam.	58727821	<b>e</b>	<b>334346</b>
		<b>R06</b>	Nozzle	3.0mm diam.	58727822	<b>e</b>	<b>334111</b>
		<b>R08</b>	Bent Nozzle	2.5mm diam.	58727786	<b>e</b>	<b>336423</b>
		<b>FD2</b>	Dual Nozzle	1.5mm diam x 8mm	58727776	<b>e</b>	<b>396580</b>
		<b>FD4</b>	Dual Nozzle	1.5mm diam. x 10mm	58727775	<b>e</b>	<b>335231</b>
		<b>Q02</b>	Nozzle	6 x 6.5mm	58727777	<b>e</b>	<b>336403</b>
		<b>Q04</b>	Nozzle	6 x 9mm	58727778	<b>e</b>	<b>336404</b>
		<b>Q06</b>	Nozzle	7.5 x 10mm	58727780	<b>e</b>	<b>336406</b>
		<b>Q08</b>	Nozzle	12.5 x 15mm	58727783	<b>e</b>	<b>336409</b>
		<b>Q10</b>	Nozzle	18 x 18mm	58727785	<b>e</b>	<b>336410</b>
		<b>D04</b>	Nozzle	10.5 x 10.5mm	58727779	<b>e</b>	<b>336405</b>
		<b>D06</b>	Nozzle	10 x 13mm	58727782	<b>e</b>	<b>336408</b>
		<b>D08</b>	Nozzle	15 x 10mm	58727781	<b>e</b>	<b>336407</b>
		<b>D10</b>	Nozzle	10 x 18mm	58727784	<b>e</b>	<b>333658</b>

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