

# Weller WMA1 Repair Station

500-835



## Technical Data:

Dimensions	240 x 270 x 105mm (W x D x H)
Line Voltage	230V 50Hz
Power Input	175W
Safety Class	1 and 3
Fuse	5mm Dia. x 20mm, 800mAT located at power entry module
Control Tolerance	Soldering/Desoldering Iron $\pm 2\%$ of final value Hot Gas Pencil $\pm 30^\circ\text{C}$
Temperature Control with Zero Voltage Cross Over Switching	Soldering/Desoldering Iron $150^\circ - 450^\circ\text{C}$ Hot Gas Pencil $150^\circ - 550^\circ\text{C}$
Pump	Max vacuum 0.7 bar, max flow 20 l/min, max flow HGP 10 l/min
Potential Balance	Via 3.5mm switch jack socket on back of unit

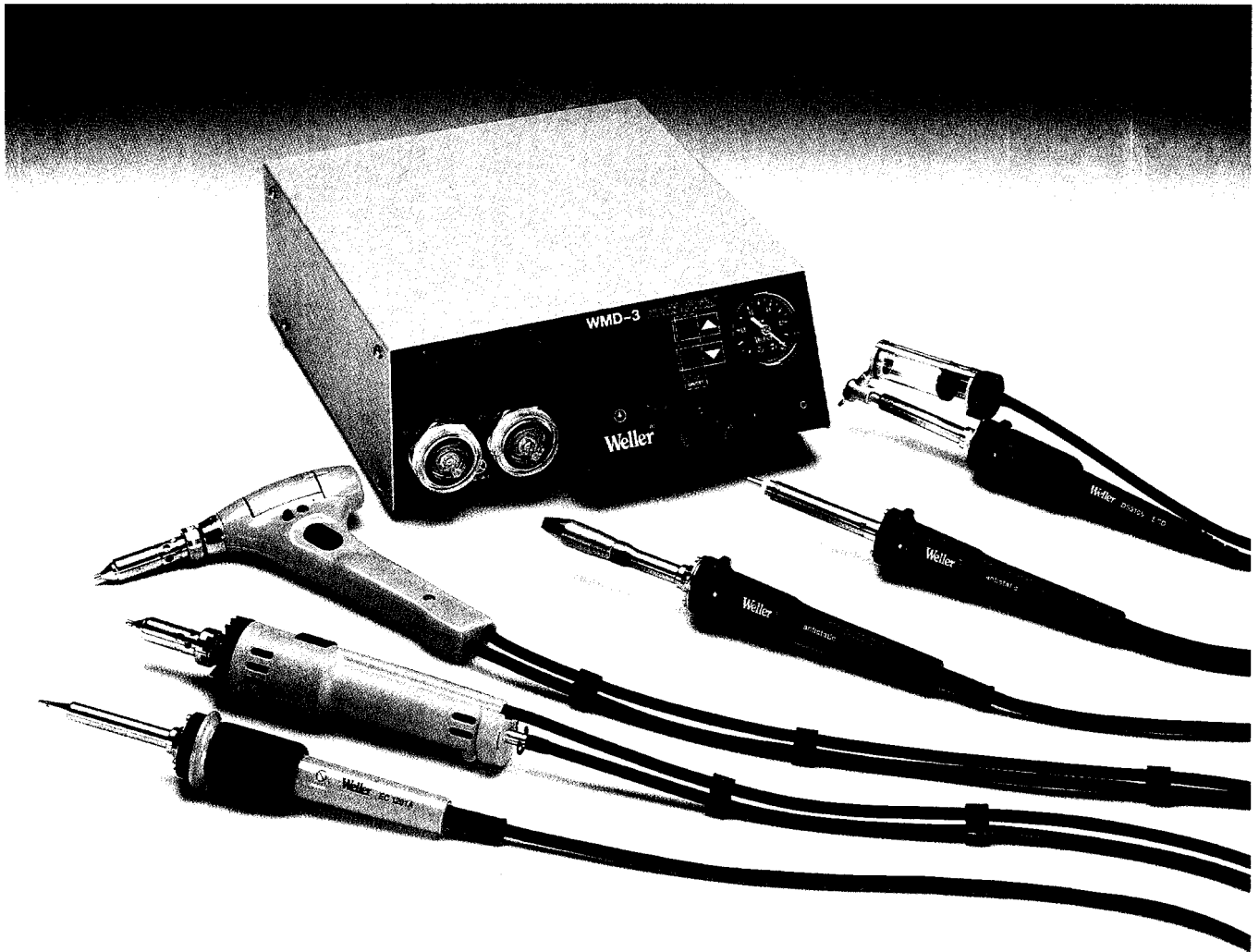
The Weller WMA1 is designed to handle a variety of rework and repair functions. A selector switch allows the user to choose either the hot gas pencil which is supplied with the unit or one of the other tools in the options list for soldering, desoldering and hot gas. This station has its own internal pump and is ESD safe.

Cat. No.	W	V	Description
WMA1		230	Repair Station

Accessories	Comments		
HGP	100	24	Supplied
BH21	Bench Holder		Supplied

Accessories: See Optional Tools.

# Weller WMD3 Rework System



## Technical Data:

Dimensions	240 x 270 x 105mm (W x D x H)
Line Voltage	230V 50Hz
Power Input	300W
Safety Class	1 and 3
Fuse	5mm Dia. x 20mm, 1.6AT located at power entry module
Control Tolerance	Soldering/Desoldering Iron $\pm 2\%$ of final value Hot Gas Pencil $\pm 30^\circ\text{C}$
Temperature Control with Zero Voltage Cross Over Switching	Soldering/Desoldering Iron $50^\circ - 450^\circ\text{C}$ Hot Gas Pencil $50^\circ - 550^\circ\text{C}$
Pump	Max vacuum 0.7 bar, max flow 20 l/min, max flow HGP 10 l/min
Potential Balance	Via 3.5mm switch jack socket on back of unit

The Weller WMD3 provides simultaneous controlled soldering, desoldering and hot gas functions through a built in micro processor that allows temperature, hot gas, time and temperature set-back to be programmed.

The display can be switched through the functions to indicate the selected values. An operator lock-out feature prevents any unauthorised changes.

Cat. No.	V	Description
WMD3	230	Rework Station

Accessories: See Optional Tools.

**Note:** All hand tools must be ordered, as WMD3 is supplied without tools.

# Weller Bench Holders for Optional Tools

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Cat. No.	For Series
BH21	EC1201B and HGP

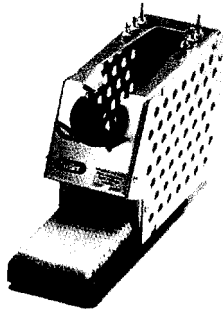
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Cat. No.	For Series
BH41	EC1301B

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Cat. No.	For Series
BH2DS	DS3105B

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Cat. No.	For Series
BH58	DS58 and DS59

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Cat. No.	For Series
BH81	LR82

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# Optional Tools for use with Weller WMA1 and WMD3

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## HGP Hot Gas Pencil

For use with WMD3, WMA1. 100Watt Hot Gas Pencil with finger switch control of air and ESD safe.

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## EC1301B Miniature Soldering Iron

20Watt 24V temperature controlled ESD safe soldering iron.

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## EC1201B Soldering Iron

45Watt 24V temperature controlled, ESD safe.

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## LR82 Soldering Iron

80Watt 24V ESD safe with large tip for use on large ground planes and similar applications.

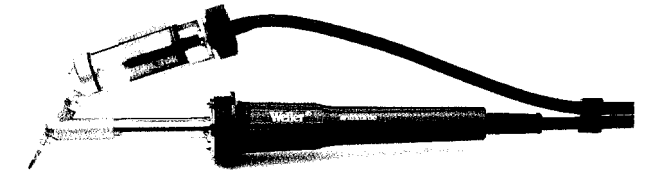
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## DS3105B Desoldering Iron

50Watt 24V temperature controlled ESD safe with replaceable heating element, sensor and desoldering head.

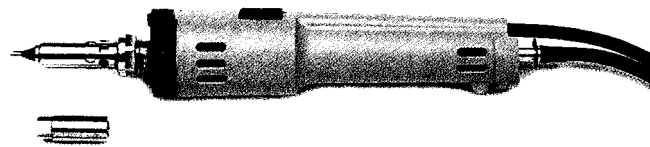
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## DS80A Desoldering Iron

80Watt 24V with combined heater sensor head for improved thermal efficiency. ESD safe.

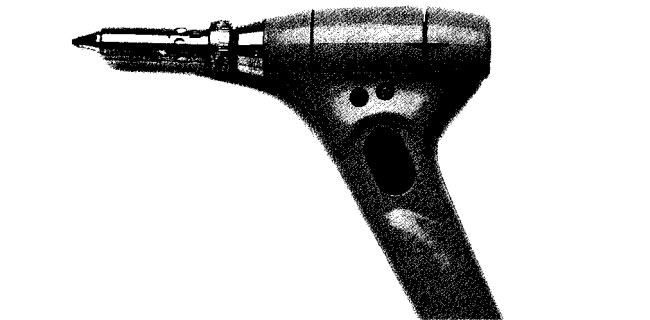
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## DS58 Desoldering Iron

Ceramic element inline, ESD safe, copper tip for better thermal capacity, shorter tip to grip.

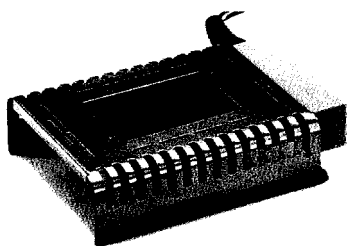
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## DS59 Desoldering Iron

Ceramic element inline, pistol grip ESD safe, copper tip for better thermal capacity, shorter tip to grip.

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## EC-HP50

50Watt 24V temperature adjustable.

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