

Perfect Performance

Weller®

Rework Stations



Rework – Soldering, Desoldering and Hot Air

The Repair Professionals with Multi-Channel Flexibility!

Energy Savings & Environmental Protection

- Low running costs with flexible use of tools & process controlled, stable working temperatures
- Energy efficient repair processes with longer tip & nozzle lifetime
- Stand-by mode for desoldering tool
- Energy saving desoldering

Low Investment Costs

- Cost effective soldering process with Automatic tool recognition guarantees safe & simultaneous operation of up to 3 tools
- Fully integrated multi-channel unit saves investment costs & workbench space



WR 3M



WR 2



Flexible Solution for All Soldering & Desoldering Applications

- One power unit for all rework applications: compact, multi-channel unit more cost effective compared to single units
- High flexibility with various connectable tools: Soldering and desoldering irons, hot air irons, preheating plates, wire strippers and solder baths



Safe Soldering & Desoldering Operations

- ESD safe in accordance with all industrial & military standards worldwide



Rework – Soldering, Desoldering and Hot Air



WR 3M

■ max. power supply 400 W



Active Tip



WMPR
RT Soldering tips



WMRT
RTW Tips

Power-Response



WMP
NT Soldering tips



WP 65
XNT Soldering tips



WP 120
XT Soldering tips



WP 200
XHT Soldering tips

Standard-Line



LR 21
LT Soldering tips



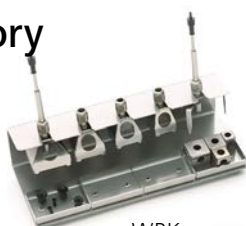
WTA 50
WTA Tips

Accessory



WVP

Accessory



WRK

Silver-Line



WP 80
LT Soldering tips



WSP 150
LHT Soldering tips



MPR 80
LT Soldering tips



WR 2

■ max. power supply 250 W



Desoldering Iron



DXV 80
DX Nozzles



DSX 80
DX Nozzles



DSX 120
XDS Nozzles

FE-Soldering Iron



FE 75
LT Soldering tips



FE 80
HT Soldering tips

Hot Air Iron



HAP 200
Hot air nozzles



HAP 1
Hot air nozzles

Preheating Plate



WHP 80

Stripping Tool



WST 82

Solder Bath



WSB 80



WSB 150

Rework – Soldering, Desoldering and Hot Air



- One station meets the requirements of a rework workplace
- Unique connecting compatibility of all tools
- 3 respectively 2 independent tool channels with automatic tool recognition guarantee the simultaneous operation of 2 to 3 soldering tools.
- Tools are permanently ready for use



Technical Data



WR 3M



WR 2

Dimension L x B x H	273 x 235 x 102 mm	
Weight:	ca. 6,7 kg	
Channels	3	2
Net supply	230 V	230 V
Power supply	400 W	300 W
Protection class	1 Power unit, 3 Soldering irons	
Fuse	T500 mA (230 V / 50/60 Hz)	
Fuse: overcurrent release	2 A	1,6 A
Temperature control of channels	Soldering- and desoldering irons continuously 50°C - 550°C (150°F - 999°F) Temperature control range depends on tool Soldering iron WP 80 / WP 120: 50°C - 450°C (150°F - 850°F) Soldering iron WP 200 / WSP 150: 50°C - 550°C (150°F - 950°F) Soldering iron WMRT / WMRP (only WR 3M): 100°C - 450°C (200°F - 850°F) Desoldering iron DSX 80 / DXV 80: 50°C - 450°C (150°F - 850°F) Desoldering iron DSX 120: 50°C - 450°C (150°F - 850°C) Hot air irons HAP 200 (only WR 3M) / HAP 1: 50°C - 550°C (150°F - 950°C)	
Temperature accuracy	± 9°C	
Temperature stability	± 2°C	
Bleeder	Soldering tip (Tip to ground) IPC-J-001 conform	
Bleeder voltage	Soldering tip (Tip to ground) IPC-J-001 conform	
Pump	(periodic duty 30/30 s)	
Max. vacuum	0,7 bar	
Max. delivery rate	max. 18 l/min	max. 18 l/min
Hot Air	max. 15 l/min	max. 10 l/min
Display	LCD	
Temperature control	Buttons	
ESD safe	yes	yes
Equipotential bonding	Via 3.5 mm pawl socket at the back of device (hard grounded normal state)	
USB interface	yes	no
Order-no.	T005 33 666 99	T005 33 776 99

Rework – Soldering, Desoldering and Hot Air

WR 3000M Set

- Power unit, 3 channels with soldering iron WP 80, desoldering iron DSX 80 and hot air iron HAP 200
- Large allround set for all repair jobs
- Desoldering iron DSX 80 for horizontal applications



Order-no.	Model	Description
T005 33 686 99	WR 3000M Set	Rework station, 3 channels WR 3M

Scope of supply:

1	T005 33 666 99	WR 3M	Power unit, 360 W
2	T005 29 180 99	WP 80	Soldering iron, 80 W with Silver-Line Technology
3	T005 44 405 99	LT B	Standard tip LT B, Chisel 2,4 x 0,8 mm
4	T005 15 161 99	WDH 10T	Safety rest with Stop & Go function and dry cleaner
5	T005 13 190 99	DSX 80	Desoldering iron, 80 W
6	T005 13 150 00	DX 113HM	Nozzle
7	T005 15 152 99	WDH 30	Safety rest for DSX 80 with dry cleaner
8	T005 27 116 99	HAP 200	Hot air iron, 200 W
9	T005 15 152 99	WDH 30	Safety rest for hot air iron HAP 200 with dry cleaner
10	T005 29 184 99	WVP	Vacuum pick-up Software

WR 3000M Set for vertical applications

- Power unit, 3 channels with soldering iron WP 80, desoldering iron DXV 80 and hot air iron HAP 200.
- Desoldering iron DXV 80 for vertical applications



Order-no.	Model	Description
T005 33 683 99	WR 3000M Set	Rework station, 3 channels WR 3M

Scope of supply:

1	T005 33 666 99	WR 3M	Power unit, 360 W
2	T005 29 180 99	WP 80	Soldering iron, 80 W with Silver-Line Technology
3	T005 44 405 99	LT B	Standard tip, Chisel 2,4 x 0,8 mm
4	T005 15 161 99	WDH 10T	Safety rest with Stop & Go functions for WP 80
5	T005 13 180 99	DXV 80	Inline desoldering iron, 80 W
6	T005 15 153 99	WDH 40	Safety rest for desoldering iron DXV 80
7	T005 27 116 99	HAP 200	Hot Air Iron, 200 W
8	T005 15 152 99	WDH 30	Safety rest for hot air irons HAP 200
9	T005 29 184 99	WVP	Vacuum pick-up
10	T005 13 150 00	DX 113HM	Desoldering tip Software

WR 3000MER

- Power unit, 3 channels with soldering iron WP 120, desoldering iron DSX 120 and hot air iron HAP 200
- Large allround set for all repair jobs
- Desoldering iron DSX 120 for horizontal applications



Order-no.	Model	Description
T005 33 688 11	WR 3000MER Set	Rework station, 3 channels WR 3M

Scope of supply:

1	T005 33 666 99	WR 3M	Power unit, 360 W
2	T005 29 193 99	WP 120	Soldering iron, 120 W, 24 V with Power-Response Technology
3	T005 44 704 99	XT B	Standard tip XT B, chisel 2,4 x 08 mm
4	T005 15 121 99	WDH 10	Safety rest with Stop & and dry cleaner
5	T005 13 198 99	DSX 120	Desoldering iron, 120 W, 24 V
6	T005 15 152 99	WDH 30	Safety rest with dry cleaner
7	T005 27 116 99	HAP 200	Hot air iron, 200 W
8	T005 15 152 99	WDH 30	Safety rest with dry cleaner
9	T005 87 658 01	PDN	Pliers Desoldering Nozzle

Accessories for both WR 3000M sets

Order-no.	Description
T005 87 388 50	Adapter for foot switch
T005 13 120 99	1 step foot switch
T005 29 184 99	WVP Vacuum pick-up
T005 87 658 01	PDN Pliers Desoldering Nozzle

HAP 200 Set

- Temperature range from 50°C – 550°
- Hot air flow adjustable
- Activation of hot air flow via finger switch
- For WR 3M only



Order-no.	Model	Description
T005 27 117 99	HAP 200 Set	Hot air iron set 200 W, 24 V

Scope of supply:

1	T005 27 116 99	HAP 200	Hot air iron 200 W / 24 V with hot air nozzle R 06 round Ø 3,0 mm
2	T005 15 152 99	WDH 30	Safety rest
3	T005 87 278 21	R 04	Hot air nozzle round Ø 1,2 mm
	T005 87 617 28		Adapter M6 for HAP 200
	T005 87 278 22	R 06	Hot air nozzle round Ø 3,0 mm

WR 2002 Set

- Power unit, 2 channels with soldering iron WP 80, desoldering iron DSX 80
- Small repair set for all rework applications
- Simultaneous operation of hot air and desoldering iron is not possible.



Order-no.	Model	Description
T005 33 806 99	WR 2002 Set	Rework station, 2 channels WR 2

Scope of supply:

1	T005 33 776 99	WR 2	Power unit
2	T005 29 180 99	WP 80	Soldering iron 80 W with Silver-Line Technology
3	T005 44 405 99	LT B	Standard tip LT B, Chisel 2,4 x 0,8 mm
4	T005 15 121 99	WDH 10	Safety rest with dry cleaner
5	T005 13 150 00	DX 113 HM	Nozzle inner-Ø 1,2 mm
6	T005 13 190 99	DSX 80	Desoldering iron 80 W / 24 V
7	T005 15 152 99	WDH 30	Safety rest with dry cleaner
			Power cable
			Equipotential bonding connector



Soldering and Desoldering Stations

The BEST of the very BEST!



Two Channel, High Power Soldering & Desoldering

- High power soldering & desoldering tools Simultaneous running of two 120 W, intelligent WX tools
- Process parameters are stored directly on the soldering or desoldering tool
- Process controlled, stabile working temperatures
- Flexible & fast modification of workplace possible



Save Energy



ESD

Less Maintenance

- Compressed air system for stable desoldering & high vacuum
- Fast and easy filter change

Ergonomics & Safety

- Single-handed, easy & safe change of solder reservoir via bayonet & cardboard solder cartridge - not hot to handle!
- Fatigue-reduced, gentle work possible and safe handling by the latest ergonomic grip-design

Cost Savings

- Extremely fast heat-up time of desoldering iron in only 40 sec. from 50°C up to 350°C!
- Stand-by mode of desoldering iron saves energy & tip life
- Easy and fast setting of tool parameters with WX technology via ESD safe touch screen

Flexible Solutions for professional soldering & desoldering applications

- One power unit for various rework applications;
Compact set more cost effective compared to single units
- High flexibility with various connectable tools:
Soldering and desoldering irons, hot air irons, preheating plates, wire strippers and solder baths.

Low Investment Costs

- Cost effective soldering process with automatic tool recognition guarantees safe operation of both irons
- Fast & safe soldering and desoldering
- Fully integrated multi-channel unit saves investment costs & workbench space



Soldering and Desoldering Stations

Power-Response

WX
compatible



WXP 65
XNT Soldering tips



WXP 120
XT Soldering tips

WX
compatible



WXP 200
XHT Soldering tips



WXD 2

Soldering bathes

WX
compatible



WXSB 200

Active Tip

WX
compatible



WXMP
RT Soldering tips

WX
compatible



WXMT
RTW Tips

WX Adapter

WX
compatible



WX Adapter
for PC
T005 87 647 11



WX Adapter
for Zero Smog
T005 87 647 12



WX
Connection cable
T005 87 647 10

Options for adapter connections
see page 14.

Desoldering iron

WX
compatible



WXDP 120
XDS Nozzles



WXDV 120
XDS Nozzles



DXV 80
DX Desoldering nozzles



DSX 80
DX Desoldering nozzles



DSX 120
XDS Desoldering nozzles

Fume Extraction

WX
compatible



- Zero Smog 4V
- Zero Smog 6V
- Zero Smog 20T

Preheating plates

WX
compatible



- WHP 1000
- WHP 3000 600 W
- WHP 3000 1200 W
- WXHP 120 120 W



WR 2

Power-Response



Silver-Line



Standard-Line



Hot air iron



Preheating plate



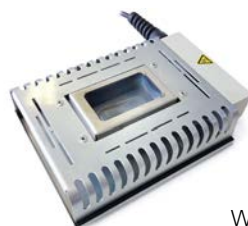
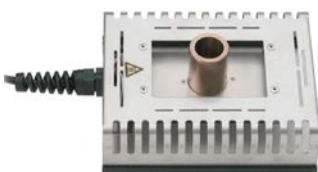
Wire Stripper



FE-Soldering Iron



Solder bathes



Soldering and Desoldering Stations



WXD 2

- Cost effective because only one station is needed
- Less rework by optimal use of tools and the correct working temperature.
Reduction of running costs by longer tip lifetime
- Desoldering iron with stand-by mode
- ESD safe



WR 2

- Only one station that meets all rework requirements
- Unique compatibility
- Many tools are connectable (except WX tools)
- 2 independent channels with automatic tool recognition guarantees simultaneous operation of 2 tools
- ESD safe



Technical Data



WXD 2



WR 2

Dimension L x B x H	170 x 151 x 130 mm	273 x 235 x 102 mm
Weight:	3,8 kg	ca. 6,7 kg
Channels	2	2
Power supply	230 V	230 V
Power supply	200 W (255 W)	300 W
Protection class	1 power unit, 3 Soldering irons	
Fuse	T2 A	
Fuse: overcurrent release	1,6 A	
Temperature accuracy	± 9°C	
Temperature stability	± 2°C	
Bleeder	Soldering tip (Tip to ground) IPC-J-001 conform	
Bleeder voltage	Soldering tip (Tip to ground) IPC-J-001 conform	
Vacuum source via	Venturi Air consumption 35l/min max vacuum 55 kPal (8 psi)	Pump max. pressure 0,7 bar periodic duty 30/30 s
Hot Air	–	max. 15 l/min
Display	LCD	LCD
Temperature control	Touch	Keys
ESD safe	yes	yes
Equipotention bonding	Via 3.5 mm pawl socket (hard grounded normal state)	
USB interface	yes	no
Order-no.	T005 34 266 99	T005 33 776 99

Soldering and Desoldering Stations

New products enlarge the WX family. A new WXD 2 desoldering station and a new WXDP desoldering iron. These tools are ideal for professional rework applications of the latest electronic components in the industrial operation. Typically for the WX stations: soldering and desoldering parameters can be saved easily on the iron. The WXDP 120 heats up within 35 sec. only. With stand-by function.

WXD 2010

- Desoldering station, 2 channels digital and electronically controlled with desoldering iron WXDP 120
- Soldering- and desoldering tools with intelligent WX technology
- Connection to external compressed air supply for high vacuum
- Energy effective: automatic stand-by mode for tools
- Patented, ESD safe glass display. Simple and fast setting of soldering parameter.



Order-no.	Model	Description
T005 34 286 99	WXD 2010 Set	Solder- and Desoldering station, 2 channels 200 W (255 W)

Scope of supply:

1	T005 34 266 99	WXD 2	Power Unit
2	T005 13 201 99	WXDP 120	Desoldering iron 120 W, 24 V
3	T005 15 172 99	WDH 70	Safety rest with dry cleaner
4	T005 13 250 99	XDS 1	Nozzle
	T005 87 658 01	PDN	Desoldering pliers

WXD 2020

- Soldering and desoldering station, 2 channels with WXDP 120 and soldering iron WXP 120



Order-no.	Model	Description
T005 34 296 99	WXD 2020 Set	Solder- and Desoldering station, 2 channels 200 W (255 W)

Scope of supply:

1	T005 34 266 99	WXD 2	Power Unit
2	T005 13 201 99	WXDP 120	Desoldering iron 120 W, 24 V
3	T005 13 250 99	XDS 1	Nozzle
4	T005 15 172 99	WDH 70	Safety rest with dry cleaner
5	T005 29 202 99	WXP 120	Soldering iron
6	T005 44 704 99	XT B	Standard soldering tip, chisel 2,4 x 0,8 mm
7	T005 15 121 99	WDH 10	Safety rest with dry cleaner
	T005 87 658 01	PDN	Desoldering pliers

WR 2000D

- Power unit, 2 channels with desoldering iron DSX 80 and safety rest WDH 30.
- Repair kit for soldering and desoldering



Order-no.	Model	Description
T005 33 796 99	WR 2000D	Desoldering station, 2 channels, 250 W

Scope of supply:

1	T005 33 776 99	WR 2	Power unit
2	T005 13 190 99	DSX 80	Desoldering iron 80 W / 24 V
3	T005 13 150 00	DX 113 HM	Nozzle inner-Ø 1,2 mm
4	T005 15 152 99	WDH 30	Safety rest with dry cleaner
Power cable			
Equipotential bonding (normal state hard grounded)			

WR 2000ER

- Power unit, 2 channels with desoldering iron DSX 80, soldering iron WP 65 and safety rests WDH 10 & WDH 30.
- Repair kit for soldering and desoldering



Order-no.	Model	Description
T005 33 808 99	WR 2000ER	Desoldering station 2 channels, 250 W

Scope of supply:

1	T005 33 776 99	WR 2	Power unit
2	T005 13 198 99	DSX 120	Desoldering iron 120 W / 24 V
3	T005 13 250 99	XDS 1	Nozzle
4	T005 29 215 99	WP 65	Soldering iron 65 W, 24 V
5	T005 44 851 99	XNT A	Soldering tip
6	T005 15 121 99	WDH 10	Safety rest with dry cleaner
7	T005 15 152 99	WDH 30	Safety rest with dry cleaner
Desoldering pliers			
Power cable			
Equipotential bonding (normal state hard grounded)			

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