Weller®

WR3M – High-End Rework



COOPER Hand Tools

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Make your choice of connecting tools.	

WR3M – Rework on the highest level

New Design

Weller has taken the rework station to the highest level; with the new WR3M.

The versatile repair station is specifically tailored to the needs and requirements of professional repairs to latest-technology electronic sub-assemblies in industrial production engineering and in the repair and laboratory fields.

3 independent tool channels

with automatic tool detection guarantee the simultaneous operation of 3 soldering tools.

Precise temperature control performance at the soldering tip is guaranteed by the digital control electrotechnology together with superior-quality sensor and heat-transfer technology. High-speed measured-value acquisition provides for maximum temperature precision and optimum dynamic temperature performance in load situations.



High-Speed Micro Tools

All Weller High-Speed Micro Tools such as the WMRP micro soldering pencil and the WMRT micro desoldering tweezers can be connected. But also extremely powerful accessories, such as the new HAP200 hot-air pencil, can be easily connected.

Hot-air pencil HAP200

The HAP 200 provides a directional hot air flow that is adjustable. Electronic temperature control from 150°F to 999°F. Different nozzles available as accessory. Finger switch controls adjustable pump. (For use with WR 3M only.)

HAP 200 Hor air pencil

WP 80 Soldering Iron, 80 W / 24 V

USB port

The WR3M is equipped with a mini USB port. The extensive PC software supplied can be used to update the software on the control unit. Software for monitoring, parameterising and data logging is included in the software package.

Operation simplicity

The big LCD display allows clear information and simple handling.

Innovative special functions such as automatic channel changing, temperature preselection buttons for each channel, Factory Calibration Check.

SUPERIOR LEAD FREE PERFORMANCE



DXV80 Desoldering Iron 80 W / 24 V

Accessories



WRK Rework Set

The newly developed, innovative desoldering system facilitates soldering and desoldering of large SMT components up to 30 x 30 mm. The desoldering system can be connected to the additional vacuum channel (pick up) of the WR 3M.



WVP

Components can be easily and safely moved with the aid of the WVP vacuum pipette. The housing is antistatic and the vacuum nipples are available in 2 different sizes. The desoldering system can be connected to the additional vacuum channel (pick up) of the WR 3M.

Technical data

Dimensions:	L x W x H (inches): 10.75 x 9.25 x 4.02
Weight:	Approximately 14.8 lbs.
Power supply voltage:	120 VAC, 60 Hz
Power consumption:	400 Watts
EQS / ESD Properties	All Tool Handles, Cordsets and Air Flow are Static Free
Fuse:	4 Amp
Temperature control range:	Variable in (1) degree increments from 150°F – 999°F Controllable temperature range is tool-dependent
Temperature accuracy:	± 17°F (Average tip temperature can be offset ± 9°F at idle with no load)
Temperature stability:	± 9°F
Hot Air / Vacuum Pump (duty cycle: 30 seconds on, 30 seconds off)	Max. vacuum 0.7 bar Max. delivery rate 18 l/min Hot air max. 15 l/min
Vacuum Pick-up Pump (duty cycle: 60 seconds on, 30 seconds off)	Max. vacuum 0.5 bar Max. delivery rate 1.7 l/min



DSX80 Desoldering Iron 80 W / 24 V (optional accessory)



WR3M scope of delivery

Order No. WR3M

- WR3M repair station
- Adapter for HAP 200 hot-air pencil
- CD with USB software
- USB cable



WR3000M set scope of delivery

Order No. WR3M

- WR3M Repair Station
- HAP200 Hot-air pencil with WDH30 Safety rest
- DXV80 Desoldering iron with WDH40 Safety rest
- WP80 Soldering iron with WDH10T Stop + go Safety rest
- WVP Vacuum pick up
- WDC2 Dry cleaner
- Adapter for HAP200 Hot-air Pencil
- CD with use software
- USB cable
- Nozzle replacement tool
- 1.2mm and 3.0mm hot gas nozzles
- Nozzle adapter for HAP200
- 2.3mm and 2.5mm desoldering nozzles
- Desoldering cleaning tools, brush, and spare filters
- Color-coded clips for easy tool identification

WR3M – Innovation newly designed







- 3 tool channels with automatic tool detection
- Large LCD display
- Own vacuum channel for pick-up
- USB port
- Innovative special functions
- Comprehensive PC software
- All High-Speed Micro-Tools can be connected
- New powerful hot-air pencil

Weller Flexibility

Refer to the matrix to make your choice of connecting tools for the WR3M.
(See Matrix page 26)

HAP200 Hot air pencil set

HAP200
0052711799



The HAP200, 200 W/24 V, provides a directional hot airflow that is adjustable and static-free. Electronically temperature controlled from 150°F to 999°F. Different nozzles available as accessories. Finger switch controls speed adjustable pump. Hot air pencil set, consisting of HAP 200 with finger switch, WDH 30 Safety rest for pencil, nozzle 1,2 mm and 3,0 mm, key and nutdriver for nozzle changing.
For pencil only, order 0052711699.

DSX80 Desoldering iron set and service kit

DSX80
0051318399



An 80 W/24 V desoldering iron for electronics rework. Electronically temperature controlled. Micro-finger switch controls quick-start, fast action vacuum pump. Different interchangeable tiplets are available as accessories. DSX80 set, consisting of DSX80 Desoldering iron, WDH30 Safety rest, cleaning tool, glass collector, two desoldering nozzles, gasket, anti-bloc paste, filter.
For pencil only, order 0051319099.

HAP1 Hot air pencil set

HAP1
0052711899



The HAP1, 100 W/24 V, provides a directional hot airflow that is adjustable and static-free. Electronically temperature controlled from 150°F to 999°F. Different nozzles available as accessories. Finger switch controls speed adjustable pump. Hot air pencil set, consisting of HAP1 with finger switch, WDH30 Safety rest for pencil, nozzle 1,2 and 3,0 mm, key and nutdriver for nozzle changing.

DXV80 Inline desoldering set

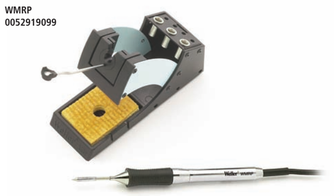
DXV80
0051318299



Connectable to all 80 W desoldering stations. Handle utilizes the replaceable solder collector to hold the extracted solder. Use off thred less DX nozzles. DXV80 set, consisting of DXV80 Desoldering iron, and WDH40 Safety rest for iron.
For pencil only, order 0051318099.

WMRP Soldering pencil set for RT soldering tips

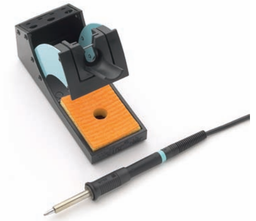
WMRP
0052919099



The RT soldering tips have an extremely short heat-up time. All component parts of the system, such as the sensor and heating element, are designed for optimum heat transfer. This ensures absolute efficiency in the utilization of the power provided by the supply unit. The recovery time is minimized. Changing soldering tips is quick, easy, and, most importantly, requires no tools. WMRP set, consisting of WMRP soldering pencil, RT3 soldering tip and WDH50 Safety rest.
For pencil only, order 0052917199.

WP80 Micro Soldering pencil set

WP80
0052918199



The 80 W micro soldering pencil WP80 persuades with its short tip-to-grip design, being of big advantage for work under microscopes. The distance from grip to the tip is 40 mm only. WP80 set, consisting of WP80 soldering pencil and WDH10 Safety rest.
For pencil only, order 0052918099.

WSP80 Micro soldering pencil set

WSP80
0052917899



A micro soldering pencil, 80 W/24 V. This soldering pencil can be universally used in all situations from extremely delicate soldering to those where there is a greater temperature requirement. WSP80 set, consisting of WSP80 Micro soldering pencil with WDH10 Safety rest.
For pencil only, order WSP80.

MPR80 Peritronic soldering pencil set

MPR80
0053313199



An 80 W Antistatic Peritronic soldering pencil that gives all-round vision when making intricate connections. Antistatic cord and handle. Electronically temperature controlled. Consists of MPR80 Peritronic soldering iron and KH25P Safety rest.

Weller Flexibility

Refer to the matrix to make your choice of connecting tools for the WR3M.
(See Matrix page 26)

WMPT Micro soldering pencil set with stop + go stand

WMP
0053315999



The 65 W micro pencil is up to the task with superior performance for both heat-up and thermal efficiency. Suitable to handle all micro components and fine pitch tasks. The WMP provides an extremely short tip-to-grip distance. The heater is integrated into the handle. When the tip wears out the heating element goes on. WMP set consisting of WMP micro soldering pencil and WDH20T Safety rest with Stop + Go function for WMP. For pencil with WDH20 stand, order 0052917999. For pencil only, order WMP.

WSP150 Soldering iron set

WSP150
0052918999



The WSP150, 150 W/24 V, soldering iron was specially developed for soldering tasks with extremely high heat requirements. The 150 W heater power combined with optimal transfer of heat to the soldering tip guarantees the high performance capability of the soldering pencil. WSP150 set, consisting of WSP150 Soldering pencil, WDH30 Safety rest for iron. For pencil only, order 0052917099.

WMRT Tweezers set

WMRT
0051317399



The new WMRT desoldering tweezers 80 W/24 V enable with their twin parallel adjusted tiplets a significant precise and desoldering of very small SMD components. Placed in the Safety rest WDH60 the tips are automatically switched off for increasing endurance.
For tweezers only, order 0051317299.

WTA50 Tweezers set

WTA50
0053313399



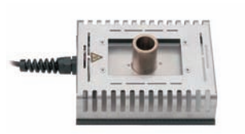
The tweezers are used to desolder SMD components. The tweezers have two moveable heating elements. WTA50 set, consisting of WTA50 Tweezers, AK51 Safety rest for Tweezers.
For tweezers only, order 0051317199.

Weller Flexibility

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(See Matrix page 26)

WSB80 Solder Bath

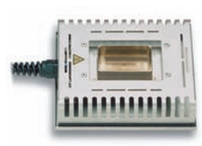
WSB80
0052704099



The WSB80 is a very useful rework preparation tool. The solder bath is temperature controlled continuously from 150˚F to 850˚F via an existing 80 W power unit (sold separately). The solder bath can be used to tin wire ends and clean leads of all extraneous solder particles in preparation for reworking. (Usable with lead free solder.) Compatible with WD1, WD1M, WD2, WD2M, WRS3000, or WR3M power units.

WSB150 Solder Bath

WSB150
0052704299



The WSB150 solder bath is optimally suited to tin coating and preparation of soldering components. It has a temperature range of 150°F – 999°F with heat output of 150 W. To guard against dripping solder residue, the solder bath is placed in a V2A tray, supplied as an optional extra. (Usable with lead free solder.) Compatible with WD2, WD2M, or WR3M power units.

WHP80 (80 W/24 V) Preheating Plate

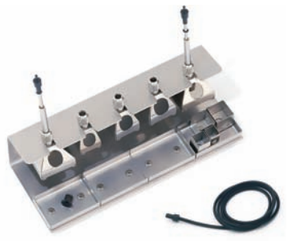
WHP80
0052702899



With a heating surface of 80 x 50 mm, for preheating IC boards prior to micro rework. Compatible with WD1, WD1M, WD2, WD2M, WRS3000, or WR3M power units.

WRK Chip Removal Kit

WRK Chip kit
0051515599



Innovative desoldering system to solder and desolder SMD components up to the size of 30 x 30 mm. Connectable to the additional vacuum channel of the WR3M.

WVP Vacuum Pick-Up

WVP Vacuum pick-up
0052918499



Vacuum pick-up for easy manually handling of SMD components. The housing is antistatic. The vacuum nipples are available in two different sizes.

Hot Air Nozzles

for hot air pencil HAP1 and HAP200



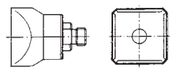
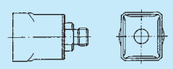
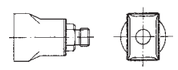
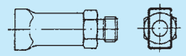
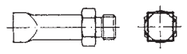
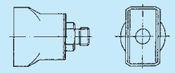
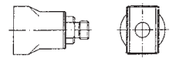
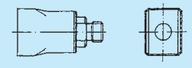
HAP1 (page 10)



HAP200 (page 10)



Adapter
Order No. 0058761728

	Description	Dimensions (mm) x y	Type	Order No.
	Hot air nozzle four sides heated with hot plate	18.0 x 18.0 16.0 x 16.0 12.0 x 12.0	Q10 SK769B SK709	0058727785 0058727816 0058727812
	Hot air nozzle four sides heated with hot plate	12.5 x 15.0	Q08	0058727783
	Hot air nozzle four sides heated with hot plate	15.0 x 10.0	Q06	0058727780
	Hot air nozzle four sides heated with hot plate	6.0 x 9.0	Q04	0058727778
	Hot air nozzle four sides heated with hot plate	6.0 x 6.5	Q02	0058727777
	Hot air nozzles two sides heated with hot plate	10.0 x 18.0	D10	0058727784
	Hot air nozzle two sides heated with hot plate	15.0 x 10.0	D08	0058727781
	Hot air nozzle two sides heated with hot plate	10.0 x 13.0	D06	0058727782
	Hot air nozzle two sides heated with hot plate	10.5 x 10.5	D04	0058727779

Hot Air Nozzles

for hot air pencil HAP1 and HAP200



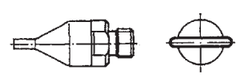
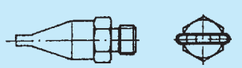
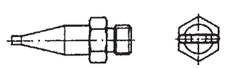
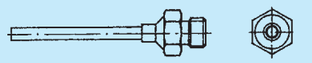
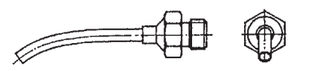
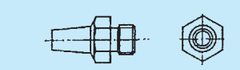
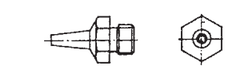
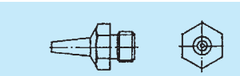
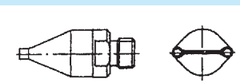
HAP1 (page 10)



HAP200 (page 10)



Adapter
Order No. 0058761728

	Description	Dimensions (mm) x y	Type	Order No.
	Flat nozzle	12.0 x 1.5	F06	0058727772
	Flat nozzle	10.5 x 1.5	F04	0058727773
	Flat nozzle	8.0 x 1.5	F02	0058727774
	Round nozzle long straight	Ø 2.0	R10	0058727787
	Round nozzle long bent	Ø 2.0	R08	0058727786
	Round nozzle	Ø 3.0	R06	0058727822
	Round nozzle	Ø 1.2	R04	0058727821
	Round nozzle	Ø 0.8	R02	0058727823
	Dual nozzle	Ø 1.5 x 10.0	FD4	0058727775
	Dual nozzle	Ø 1.5 x 8.0	FD2	0058727776

Nozzles

Threadless nozzles for desoldering iron
DSX80 and DXV80

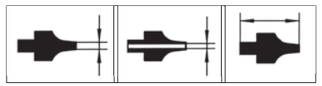
The new X series nozzle feature a threadless fixture system whereby the nozzle is inserted into the head and locked into place by apllying a 1/4 turn. This feature allows the nozzles to be quickly and easily exchanged and also improves the rate of thermal transfer from the head to the nozzle.

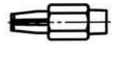


DSX80 (page 10)



DXV80 (page 10)



	Model	Description	mm	mm	mm	Order No.
	DX110	Nozzle	1.9	0.7	23	0051314099
	DX111	Nozzle	2.5	0.7	23	0051314199
	DX112	Nozzle	2.3	1.0	23	0051314299
	DX113	Nozzle	2.5	1.2	23	0051314399
	DX113HM	Nozzle with improved thermal transfer	2.5	1.2	23	0051315099
	DX114	Nozzle	3.3	1.8	23	0051314499
	DX115	Nozzle	1.9	0.7	23	0051314599
	DX116	Nozzle	2.7	1.2	29	0051314699
	DX117	Nozzle	2.9	1.5	23	0051314799
	DX118	Nozzle	1.5	0.7	23	0051314899
	DX119	Needle Tiplet with not wettable stainless steel tube for removal of solder bridges in connection with hot air pencil	1.1	0.7	31	0051315199
	DX120	Nozzle without inside tube, for cleaning of SMD pads	2.5	1.1	22	0051315299
	Conus insert	cleaning tool				0058706794

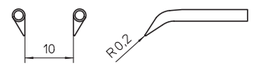
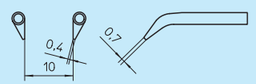
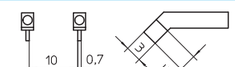
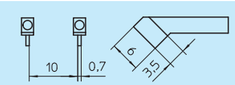
Soldering Tips

Plug-in adjusted Soldering Tip Set for WMRT



WMRT (page 12)



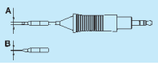
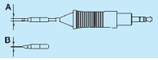
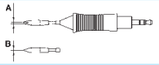
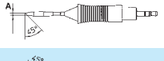
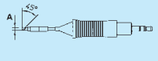
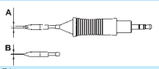
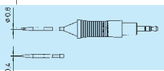
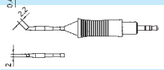
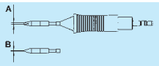
	Type	Description	Width A	Thickness B	Order No.
	RTW 1	Tip set bent 45°	Ø 0.4mm		0054465199
	RTW 2	Tip set bent 45°, Chisel	0.7mm	0.4mm	0054465299
	RTW 3	Tip set bent 45°, Chisel	3mm	1.0mm	0054465399
	RTW 4	Tip set bent 45°, Chisel	6mm	1.0mm	0054465499

Soldering Tips

Soldering tips for WMRP



WMRP (page 10)

	Type	Description	Width A	Thickness B	Order No.
	RT1	Needle tip	Ø 0.2mm		0054460199
	RT1SC	Chisel	0.4mm	0.15mm	0054461299
	RT2	Round tip slim	Ø 0.8mm		0054460299
	RT3	Chisel tip	1.3mm	0.4mm	0054460399
	RT4	Chisel tip	1.5mm	0.4mm	0054460499
	RT5	Chisel tip bent 30°	0.8mm	0.4mm	0054460599
	RT6	Round tip 45° sloped	1.2mm		0054460699
	RT7	Knife tip 45° sloped	2.2mm		0054460799
	RT8	Chisel tip	2.2mm	0.4mm	0054460899
	RT9	Chisel tip	0.8mm	0.4mm	0054460999
	RT10GW	Gull wing	1.2mm	2.0mm	0054461099
	RT11	Chisel tip	3.6mm	0.9mm	0054461199
		Type K Thermocouple Assembly	1.5mm	0.4mm	K1101

Use only Weller® soldering tips. The use of non-Weller® components may void product warranty if the non-Weller® component causes damage to the unit.

Soldering Tips

for WSP80, WP80 and MPR80



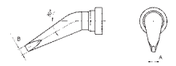
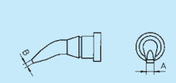
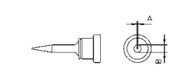
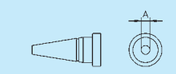
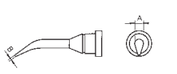
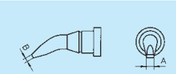
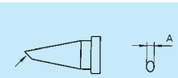
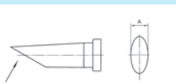
WSP80 (page 11)



WP80 (page 10)



MPR80 (page 11)

	Type	Description	Width A	Thickness B	Length	Order No.
	LT 1SC LT H LT A LT B LT C LT D	Chisel Chisel Chisel Chisel Chisel Chisel	0.4mm 0.8mm 1.6mm 2.4mm 3.2mm 4.6mm	0.14mm 0.4mm 0.7mm 0.8mm 0.8mm 0.8mm	15.0mm 13.5mm 13.5mm 13.5mm 13.5mm 13.5mm	LT1SC LTH LTA LTB LTC LTD
	LT K LT L LT M	Chisel long Chisel long Chisel long	1.2mm 2.0mm 3.2mm	0.4mm 1.0mm 1.2mm	21.0mm 21.0mm 21.0mm	LTK LTL LTM
	LT HX LT ALX LT BX	Chisel bent Chisel bent Chisel bent	0.8mm 1.6mm 2.4mm	0.4mm 0.7mm 0.8mm	18.0mm 18.0mm 18.0mm	LTHX LTALX LTBX
	LT AX LT 4X	Chisel bent Chisel bent 30°	1.6mm Ø 1.2mm	0.8mm 0.4mm	13.5mm 16.5mm	LTAX LT4X
	LT 1S LT 1SA LT 1A	Round slim	Ø 0.2mm Ø 0.5mm Ø 0.5mm		15.0mm 16.0mm 14.0mm	LT1S LT1SA LT1A
	LT 1 LT AS LT CS	Round Round Round	Ø 0.25mm Ø 1.6mm Ø 3.2mm		14.0mm 13.5mm 13.5mm	LT1 LTAS LTCS
	LT 1SLX	Round slim bent 30°	Ø 2.0mm	Ø 0.4mm	20.5mm	LT1SLX
	LT 1X	Round bent 30°	Ø 0.4mm		12.5mm	LT1X
	LT 4	Round sloped 45° slim	Ø 1.2mm		15.0mm	LT4
	LT F	Round sloped 45°	Ø 1.2mm		13.5mm	LTF
	LT BB LT CC	Round sloped 45° long Round sloped 45° long	2.4mm 3.2mm	4.0mm 6.0mm	18.0mm 18.0mm	LTBB LTCC

All Weller "Longlife" tips are designed for working with leadfree application

Use only Weller® soldering tips. The use of non-Weller® components may void product warranty if the non-Weller® component causes damage to the unit.

Soldering Tips

for WSP80, WP80 and MPR80



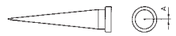
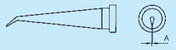
WSP80 (page 11)



WP80 (page 10)



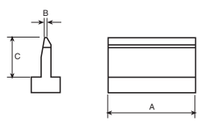
MPR80 (page 11)

	Type	Description	Width A	Thickness B	Length	Order No.
	LT 1L LT S	Conical long Conical long	Ø 0.2mm Ø 0.4mm		26.4mm 21.0mm	LT1L LTS
	LT 1LX	Conical long bent	Ø 0.2mm		26.4mm	LT1LX
	LT GW	Gull wing 45°	Ø 2.3mm	3.2mm	18.8mm	LTGW
	LT KN	Knife tip	6.2mm		16.0mm	LTKN
		Type K Thermocouple Assembly	2.4mm	0.8mm	13.5mm	K181
		Type K Thermocouple Assembly for WP80	2.4mm	0.8mm	13.5mm	K1111

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SMT soldering tip for reworks on SMT compontents

	Type	Description	Width A	Thickness B	Length C	Order No.
	LT SMT01 LT SMT02 LT SMT03	Blade Blade Blade	10.4mm 16.8mm 20.8mm	0.6mm 0.6mm 0.6mm	7.1mm 7.1mm 7.1mm	LTSMT01 LTSMT02 LTSMT03

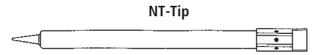
Soldering Tips

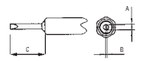
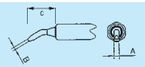
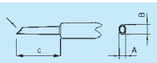
for micro soldering pencil WMP



WMP (page 11)

NT-Tip



	Description	Width A	Thickness B	Length C	Type/Order No.
	Chisel tip	0.4mm 0.8mm 1.2mm 1.6mm 1.6mm 2.4mm 3.2mm 4.0mm	0.15mm 0.4mm 0.4mm 0.4mm 0.4mm 0.8mm 0.8mm 0.8mm	14.0mm 8.4mm 8.4mm 9.5mm 7.4mm 7.8mm 8.2mm 8.6mm	NT1SC NTH NTK NTA NT6 NTB NTC NTD
	Chisel tip, bent Round tip, bent 45°	1.6mm Ø 0.4mm	0.4mm	8.2mm 8.6mm	NTAX NT1X
	Round tip	Ø 0.25mm	–	7.4mm	NT1
	Round tip slim	Ø 0.25mm	–	8.5mm	NT1S
	Round tip, sloped 45°	Ø 1.2mm	–	9.9mm	NT4
	Gull wing	2.0mm	3.0mm	13.4mm	NTGW
	Type K Thermocouple Assembly	2.4mm	0.8mm	7.8mm	K191

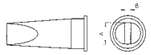
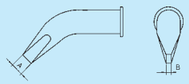
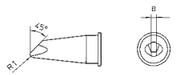
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Soldering Tips

for soldering iron WSP150



WSP150 (page 11)

	Type	Description	Width A	Thickness B	Order No.
	LHT C LHT D LHT E LHT F	Chisel	3.2mm 5.0mm 7.0mm 9.3mm	1.2mm 1.8mm 1.8mm 1.8mm	0054445599 0054445299 0054445199 0054445099
	LHT DX LHT EX LHT FX	Chisel bent	5mm 7mm 9mm	2mm 2mm 2mm	0054446299 0054446199 0054446099
	LHT D 45°	Sloped 45° for solar panel production	5mm	–	0054445699

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Additional Safety Rests

Safety rests with Stop+Go Function

The safety rests with Stop+Go function have an integrated micro switch which is activated when the soldering iron is picked up or put down. The operator can decide between an immediate or delayed (20 min) temperature reduction (SETBACK) to 150°C (300°F) and program the power unit accordingly.
For digital Soldering units only.



WMPT Soldering Set (0053315999)

Consisting of WMP Soldering Iron and WDH 20T Safety rest with Stop + Go function.

Standard Safety rests

complete with sponge

WDH10 (0051512199)



Safety rest for WP80 Micro soldering pencil and WSP80 Micro soldering pencil

WDH20 (0051512299)



Safety rest for WMP Micro soldering pencil

WDH30 (0051515299)



Safety rest for HAP200 Hot air pencil, HAP1 Hot air pencil, DSX80 Desoldering iron, and WSP150 Soldering iron

WDH40 (0051515399)



Safety rest for DXV80 Desoldering iron

WDH50 (0051515699)



Safety rest for WMRP Micro soldering pencil with Stop + Go function

WMRTH (0051514699)



Safety rest for WMRT with Stop + Go function

WDH10T (0051516199)



Safety rest for WP80 and WSP80 Micro soldering pencil with Stop + Go function

WDH20T (0051516299)



Safety rest for WMP Micro soldering pencil with Stop + Go function

KH25P (0051503399)



Safety rest for MPR80 Peritronic soldering pencil

AK51 (0051504299)



Safety rest for WTA50 Tweezer

Accessories

WDC Dry Cleaner (0051512499)



Soft solution for cleaning from lead free solder with metal wool. Replacement wools 0051382499 (2 pcs.)

WDC2 Dry Cleaner (0051512599)



Soft solution for cleaning from lead free solder with metal wool. For WDH safety rests. Replacement wools 0051382499 (2 pcs.)

Tip Activator (0051303199)



For regeneration of oxidized tips, works fast and easy with low temperature. Environmentally safe, no halides, lead, rosin or residue. Regular use will prolong life time of the tips.

Cleaning Tool (0051350099)



For cleaning of desoldering nozzles and for nozzle exchange.

Service Set (0051312499)



Spare filter for Desoldering iron DSX80 (available as of the third quarter 2007)

Barrel for Soldering Iron WSP80 and WP80



Barrel for WSP80	0058744710
Barrel long for WP80 (55mm)	0058744846
Barrel short for WP80 (40mm)	00 8744845

Cartridge (0058741815)



Spare cartridge for Desoldering iron DXV80 (5 pieces)

Polishing Bar (WPB1)



Grindstone for removal of compact oxid films

Sponge (0052241999)



Dimensions 70 x 55 x 16mm (5 pcs.)

Matrix

Weller brings to the market an extended generation of versatile soldering / desoldering and hot air tools. Performance has been increased with soldering irons and desoldering irons up to 200 W.

The Weller WR3M station easily connects to a variety of new and existing Weller tools and accessories to provide even greater flexibility. The matrix below makes selection easy, and puts you firmly in control of all your workbench needs.

		Order No.	Soldering Tip Included	 WR3M
	HAP200 Hot Air Pencil (WDH30 Safety rest for HAP200)	0052711799	None	■
	HAP1 Hot Air Pencil (WDH30 Safety rest for HAP1)	0053311499	R 06	■
	WMP Micro Soldering Pencil 65 W (WDH20 Safety rest for WMP)	0053315999	NT 1	■
	DSX80 Desoldering Iron 80 W (WDH30 Safety rest for DSX80)	0053313899	DX 113HM	■
	DXV80 Desoldering Iron 80 W (WDH40 Safety rest for DXV80)	0051318299	DX 113HM	■
	WMRP Soldering Pencil (WDH50 Safety rest for WMRP)	0052918399	RT 3	■
	WP80 Micro Soldering Pencil 80 W (WDH10 Safety rest for WP80)	0052918199	LTB	■
	WSP150 Soldering Iron 150 W (WDH30 Safety rest for WSP150)	0053313599	LHTF	■
	WSP80 Micro Soldering Pencil 80 W (WDH10 Safety rest for WSP80)	0053312599	LTB	■
	MPR80 Antistatic Peritronic soldering pencil set (KH25P Safety rest for MPR80)	0053313199	LTB	■
	WMRT Tweezer (WDH60 Safety rest for WMRT)	0051317399	RTW 2	■
	WSB80 Solder Bath	0052704099	N/A	■
	WTA50 Tweezer (AK51 Safety rest for WTA50)	0053313399	WTA 1	■
	WSB150 Solder Bath	0052704299	N/A	■
	WHP80 Preheating Plate	0052702899	N/A	■

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Nicholson® Plumb® H.K.Porter® Weller® Wire-Wrap® Wiss® Xcelite®

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