

Weller Rework Systems

Perfect Performance

Weller®

APPLICATION FLEXIBILITY. PRODUCTIVITY. PROCESS CONTROL.



WR3M

Application flexibility.

400 watts of power over 3 independently-controlled channels

Application flexibility with up to 21 tool options

Up to 200 watts of hot air power for efficient lead-free rework

Up to 120 watts of desoldering power for demanding ground plane and multi-layer boards

Up to 200 watts of soldering power for unmatched application versatility

Peripheral control and connectivity to low voltage pre-heating plates and soldering baths

Productivity.

System operational right out of the box with all critical components and tips supplied

Less than 5 seconds hot air time to temperature performance

Continuous productivity with no end of cycle hot air cool down time

Unmatched tool air flow volume of 1-15 L/Min

Sustainability of new tool developments with field accessible firmware update port

No system cooling requirements ensures lowest operational costs

Large, intuitive LCD display shows critical functions for all 3 channels

Rotary vane vacuum pump for long life and quiet operation

Process control.

Included PC software enables PC connectivity and data logging capabilities

Temperature stability of ± 2°C / ± 4°F for superior reliability

ESD safe, meets or exceeds MIL-STD and J-STD 001E industry specifications



WR2

WR3M



1 2 3 4 5 6 7 8

Maximum power supply 400W

1 Active Tip



WMRPMS
RTMS Soldering tips
Order number: T0052919299



WMRTMS
RTWMS Tips
Order number: T0051317599

8 Accessory



WVP
Order number: T0052918499

6 Accessory



WRK
Order number: T0051515599

2 Power-Response



WP65
XNT tips
Order number: T0052921599



WP120
XT tips
Order number: T0052919399



NEW

WP200
XHT tips
Order number: T0052919999

3 Standard-Line



WTA50
WTA Tips
Order number: T0051317199

4 Silver-Line



WP80/WSP80
LT Soldering tips
Order number:
T0052918099 (WP80)
Order number:
WSP80 (WSP80)



WSP150
LHT Soldering tips
Order number: T0052917099

See pages 13-29 for order information.

WR3ME



1 2 3 4 5 6 7

Maximum power supply 400W

WR2



2 3 4 5 7

Maximum power supply 300W

7 Desoldering Iron



DXV80
DX Tiplets
Order number: T0051318099



DSX80
DX Tiplets
Order number: T0051319099



NEW
DSX120
XDS/XDSL Tiplets
Order number: T0051319899

5 Tip Extraction Iron



FE75
LT Soldering tips
Order number: T0052916699

6 Hot Air Iron



HAP200
HAP hot air nozzles
Order number: T0052711699

5



HAP1
HAP Hot air Tiplets
Order number: T0052711899

5 Preheating Plate



WHP80
Order number: T0052702899
24v/80 watts

5 Solder Bath



WSB80
Order number: T0052704099
24v/80 watts



WSB150
Order number: T0052704299
24v/150 watts

See pages 13-29 for order information.

TECHNICAL DATA



WR3M



WR3ME



WR2

Dimension L x W x H	273 x 235 x 102 mm (10.75 x 9.25 x 4.02 in)		
Weight:	6.7 kg (14.77 lbs)	6.7 kg (14.77 lbs)	6.3 kg (13.9 lbs)
Channels	3	3	2
Wattage	400W	400W	300W
Power supply	120V, 60Hz		
Fuse	T500 mA (120V / 50/60 Hz)		
Fuse: overcurrent release	2 A	2 A	1.6 A
Temperature control of channels	Soldering and desoldering irons continuously 50°C - 550°C (150°F - 999°F) **Note:** Temperature control range depends on tool Soldering iron WP80 / WP120: 50°C - 450°C (150°F - 850°F) Soldering iron WP200 / WSP150: 50°C - 550°C (150°F - 950°F) Soldering iron WMRT / WMRP (only WR3M/WR3ME): 100°C - 450°C (200°F - 850°F) Desoldering iron DSX80 / DXV80: 50°C - 450°C (150°F - 850°F) Desoldering iron DSX120: 50°C - 450°C (150°F - 850°F) Hot air irons HAP200 (only WR3M/WR3ME) / HAP 1: 50°C - 550°C (150°F - 950°F)		
Temperature accuracy	± 9°C (± 17°F)		
Temperature stability	± 2°C (± 4°F)		
Tip-to-ground resistance	Meets or exceeds MIL-STD 2000/IPC/J-STD001E		
Tip-to-ground voltage	Meets or exceeds MIL-STD 2000/IPC/J-STD001E		
Pump	(periodic duty 30/30 s)		
Max. vacuum	0.7 bar / 20Hg		
Max. delivery rate	Max. 18 l/min		
Hot Air	Max. 15 l/min		
Display	LCD with backlight		
Temperature control	Station programmable buttons		
ESD safe	Yes		
USB interface	Yes	Yes	No
Order number:	WR3M	WR3ME	WR2

WR5000M NEW

- 700 watts of power over 5 independently-controlled channels
- Specified tips included
- Application flexibility with up to 19 tool options (WR3ME only)
- PC Connectivity and data logging software included (WR3ME only)

Note: Not applicable with WRK kit or WVP vacuum



	Order Number	Model Number	Description	Power
	WR5000M	WR5000M	Five-channel, hot air, desoldering, soldering rework system	700W
1	WR3ME	WR3ME	Power unit, 400w, 120v	
2	WR2	WR2	Power unit, 300w, 120v	
3	T0052921599	WP65	Soldering iron, 24v	65W
4	T0051512199	WDH10	Safety rest for WP65	
	T0054485199	XNTA	Soldering tip for WP65	
5	T0052919299	WMRPMS	Soldering iron, 12v (For use with WR3ME only)	55W max
6	T0051515699	WDH50	Safety rest for WMRPMS	
	T0054460373	RT3MS	Soldering tip for WMRPMS	
7	T0051319899	DSX120	Desoldering iron, 24v	120W
8	T0051515299	WDH30	Safety rest for DSX120	
	T0051325099	XDS1	Desoldering tip for DSX120	
9	T0051317599	WMRTMS	Soldering tweezer, 12v (For use with WR3ME only)	80W
10	T0051514699	WMRTH	Safety rest for WMRTMS	
	T0054465799	RTW2MS	Soldering tip set for WMRTMS	
11	T0052711699	HAP200	Hot air pencil, 24v (For use with WR3ME port 1 only)	200W
12	T0051515299	WDH30	Safety rest for HAP200	
	T0058727821	R04	Hot air nozzle for HAP200	
	T0058727822	R06	Hot air nozzle for HAP200	
			Total tool power	**520W**

WR3000MER NEW

- 400 watts of power over 3 independently-controlled channels
- Specified tips included
- Application flexibility with up to 19 tool options
- PC Connectivity and data logging software included

Note: Not compatible with WRK kit or WVP vacuum pencil.



	Order Number	Model Number	Description	Power
	T0053368270	WR3000MER	WR3ME multi-channel, hot air, desoldering, soldering rework system	400W
1	WR3ME	WR3ME	Power unit, 400w, 120v	
2	T0052914399	WP120	Soldering iron, 24v	120W
3	T0051512199	WDH10	Safety rest for WP120	
	T0054470499	XTB	Soldering tip for WP120	
4	T0051319899	DSX120	Desoldering iron, 24v	120W
5	T0051515299	WDH30	Safety rest for DSX120	
	T0051325099	XDS1	Desoldering tiplet for DSX120	
6	T0052711699	HAP200	Hot air pencil, 24v	200W
7	T0051515299	WDH30	Safety rest for HAP200	
	T0058727821	R04	Hot air nozzle for HAP200	
	T0058727822	R06	Hot air nozzle for HAP200	
			Total tool power	**440W**

WR3000M

- 400 watts of power over 3 independently-controlled channels
- Specified tips included
- Application flexibility with up to 21 tool options
- PC Connectivity and data logging software included



	Order Number	Model Number	Description	Power
	WR3000M	WR3000M	WR3M multi-channel, hot air, desoldering, soldering rework system	400W
1	WR3M	WR3M	Power unit, 400w, 120v	
2	T0052918099	WP80	Soldering iron, 24v	80W
3	T0051516199	WDH10T	Safety rest for WP80	
	LTB	LTB	Soldering tip for WP80	
4	T0051318099	DXV80	Desoldering iron, 24v	80W
5	T0051515399	WDH40	Safety rest for DXV80	
	T0051314299	DX112	Desoldering tiplet for DXV80	
	T0051314399	DX113	Desoldering tiplet DXV80	
6	T0052711699	HAP200	Hot air pencil, 24v	200W
7	T0051515299	WDH30	Safety rest for HAP200	
	T0058727821	R04	Hot air nozzle for HAP200	
	T0058727822	R06	Hot air nozzle for HAP200	
8	T0052918499	WVP	Vacuum pick-up pen	
			Total tool power	**360W**

WR3000SA NEW

- 400 watts of power over 3 independently-controlled channels
- Specified tips included
- Application flexibility with up to 19 tool options
- PC Connectivity and data logging software included

Note: Not compatible with WRK kit or WVP vacuum pencil.



	Order Number	Model Number	Description	Power
	WR3000SA	WR3000SA	WR3ME multi-channel, hot air, desoldering, soldering rework system	400W
1	WR3ME	WR3ME	Power unit, 400w, 120v	
2	T0052918099	WP80	Soldering iron, 24v	80W
3	T0051516199	WDH10	Safety rest for WP80	
	LTB	LTB	Soldering tip for WP80	
4	T0051318099	DXV80	Desoldering iron, inline, 24v	80W
5	T0051515399	WDH40	Safety rest for DXV80	
	T0051314299	DX112	Desoldering tip for DXV80	
	T0051314399	DX113	Desoldering tip for DXV80	
6	T0052711699	HAP200	Hot air pencil, 24v	200W
7	T0051515299	WDH30	Safety rest for HAP200	
	T0058727821	R04	Hot air nozzle for HAP200	
	T0058727822	R06	Hot air nozzle for HAP200	
			Total tool power	**360W**

WR3000TA NEW

- 400 watts of power over 3 independently-controlled channels
- Specified tips included
- Application flexibility with up to 21 tool options
- PC Connectivity and data logging software included

Note: Not compatible with WRK kit or WVP vacuum pencil.



	Order Number	Model Number	Description	Power
	WR3000TA	WR3000TA	WR3ME multi-channel, hot air, desoldering tweezers, soldering rework system	400W
1	WR3ME	WR3ME	power unit, 400w, 120v	
2	T0052918099	WP80	Soldering iron, 24v	80W
3	T0051516199	WDH10	Safety rest for WP80	
	LTB	LTB	Soldering tip for WP80	
4	T0051317599	WMRTMS	Soldering tweezer, 12v	80W
5	T0051514699	WMRTH	Safety rest for WMRTMS	
	T0054465799	RTW2MS	Soldering tip set for WMRTMS	
6	T0052711699	HAP200	Hot air pencil, 24v	200W
7	T0051515299	WDH30	Safety rest for HAP200	
	T0058727821	R04	Hot air nozzle for HAP200	
	T0058727822	R06	Hot air nozzle for HAP200	
			Total tool power	**360W**

WR3000SS NEW

- 400 watts of power over 3 independently-controlled channels
- Specified tips included
- Application flexibility with up to 19 tool options
- PC Connectivity and data logging software included

Note: Not compatible with WRK kit or WVP vacuum pencil.



	Order Number	Model Number	Description	Power
	WR3000SS	WR3000SS	WR3ME multi-channel, desoldering, soldering rework system	400W
1	WR3ME	WR3ME	Power unit, 400w, 120v	
2	T0052918099	WP80	Soldering iron, 24v	80W
3	T0051316199	WDH10	Safety rest for WP80	
	LTB	LTB	Soldering tip for WP80	
4	T0052918099	WP80	Soldering iron, 24v	80W
5	T0051516199	WDH10	Safety rest for WP80	
	LTB	LTB	Soldering tip for WP80	
6	T0051318099	DXV80	Desoldering iron, inline, 24v	80W
7	T0051515399	WDH40	Safety rest for DXV80	
	T0051314299	DX112	Desoldering tiplet for DXV80	
	T0051314344	DX113	Desoldering tiplet for DXV80	
			Total tool power	**240W**

WR3000TS NEW

- 400 watts of power over 3 independently-controlled channels
- Specified tips included
- Application flexibility with up to 19 tool options
- PC Connectivity and data logging software included

Note: Not compatible with WRK kit or WVP vacuum pencil.



	Order Number	Model Number	Description	Power
	WR3000TS	WR3000TS	WR3ME multi-channel, desoldering, soldering rework system	400W
1	WR3ME	WR3ME	Power unit, 400w, 120v	
2	T0052919299	WMRPMS	Soldering iron, 12v	55W (max)
3	T0051515699	WDH50	Safety rest for WMRPMS	
	T0054460373	RT3MS	Soldering tip for WMRMPS	
4	T0051318099	DXV80	Desoldering iron, inline, 24v	80W
5	T0051515399	WDH40	Safety rest for DXV80	
	T0051314299	DX112	Desoldering tiplet for DXV80	
	T0051314399	DX113	Desoldering tiplet for DXV80	
6	T0051317599	WMRTMS	Soldering tweezer, 12v	80W
7	T0051514699	WMRTH	Safety rest for WMRTMS	
	T0054465799	RTW2MS	Soldering tip set for WMRTMS	
			Total tool power	**215W**

WR2000ER NEW

- 300 watts of power over 2 independently-controlled channels
- Specified tips included
- Application flexibility with up to 15 tool options

Note: Not compatible with micro tools, WMRP/WMRPMS, WMRT/WMRTMS or HAP200, WVP, WRK tools



	Order Number	Model Number	Description	Power
	WR2000ER	WR2000ER	WR2 multi-channel, desoldering, soldering rework system	300W
1	WR2	WR2	Power unit, 300w, 120v	
2	T0052921599	WP65	Soldering iron, 24v	65W
3	T0051512199	WDH10	Safety rest for WP65	
	T0054485199	XNTA	Soldering tip for WP65	
4	T0051319899	DSX120	Desoldering iron, 24v	120W
5	T0051515299	WDH30	Safety rest for DSX120	
	T0051325099	XDS1	Desoldering tiplet for DSX120	
			Total tool power	**185W**

WR2000VX

- 300 watts of power over 2 independently-controlled channels
- Specified tips included
- Application flexibility with up to 15 tool options

Note: Not compatible with micro tools, WMRP/WMRPMS, WMRT/WMRTMS, or HAP200, WVP, WRK tools



	Order Number	Model Number	Description	Power
	WR2000VX	WR2000VX	WR2 multi-channel, desoldering, soldering rework system	300W
1	WR2	WR2	Power unit, 300w, 120v	
2	WSP80	WSP80	Soldering iron, 24v	80W
3	T0051512199	WDH10	Safety rest for WSP80	
	LTB	LTB	Soldering tip for WSP80	
4	T0051318099	DXV80	Desoldering iron, inline, 24v	80W
5	T0051515399	WDH40	Safety rest for DXV80	
	T0051314299	DX112	Desoldering tiplet for DXV80	
			Total tool power	**160W**

WR2000

- 300 watts of power over 2 independently-controlled channels
- Specified tips included
- Application flexibility with up to 15 tool options

Note: Not compatible with micro tools, WMRP/WMRPMS, WMRT/WMRTMS, or HAP200, WVP, WRK tools



	Order Number	Model Number	Description	Power
	WR2000	WR2000	WR2 multi-channel, hot air rework system	300W
1	WR2	WR2	Power unit, 300w, 120v	
2	T0052711899	HAP1	Hot air set w/WDH30 safety rest	100W
	T0058727821	R04	Hot air nozzle for HAP1	
			Total tool power	**100W**

WR2000X

- 300 watts of power over 2 independently-controlled channels
- Specified tips included
- Application flexibility with up to 15 tool options

Note: Not compatible with micro tools, WMRP/WMRPMS, WMRT/WMRTMS, or HAP200, WVP, WRK tools



	Order Number	Model Number	Description	Power
	WR2000X	WR2000X	WR2 multi-channel, desoldering rework system	300W
1	WR2	WR2	Power unit, 300w, 120v	
2	T0051318099	DXV80	Desoldering iron, 24v	80W
3	T0051515399	WDH40	Safety rest for DXV80	
	T0051314299	DX112	Desoldering tiplet for DXV80	
			Total tool power	**80W**

WMRP/WMRP-MS

Ideal for microscope work; highest performance via active soldering tip; cartridge type tip.

- Fastest heat up and recovery on the market
- Excellent reaction time with finest tips
- Optimal for soldering under microscope
- Rapid hot tip-change; no tool required

55W Max, 12V

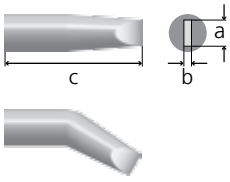


WMRP	T0052917199	Pencil, no tip
WMRPMS	T0052919299	Pencil, no tip
RT3MS	T0051515699	Tip
WDH50	T0051515699	Stand



WMRPSET
WMRP Pencil, RT3 tip + WDH50 stand
T0052919099

CHISEL



RT	Ø a mm	b mm	Order number
RT 1SC	0.4	0.15	T0054461299
RT 1SCNW*	0.3	0.1	T0054462699
RT 3	1.3	0.4	T0054460399
RT 4	1.5	0.4	T0054460499
RT 8	2.2	0.4	T0054460899
RT 9	0.8	0.4	T0054460999
RT 11	3.6	0.9	T0054461199
RT 5 30°	0.8	0.4	T0054460599

RT-MS	Ø a mm	b mm	Order number
RT 1SCMS	0.4	0.15	T0054461599
RT 1SCNWMS*	0.3	0.1	T00544626 71
RT 3MS	1.3	0.4	T0054461699
RT 4MS	1.5	0.4	T0054461899
RT 8MS	2.2	0.4	T0054462299
RT 9MS	0.8	0.4	T0054462399
RT 11MS	3.6	0.9	T0054463199
RT 5MS 30°	0.8	0.4	T0054461999
RT 3XMS 30°	1.3	0.5	T00544603 73

SLOPED



Type	a mm	Order number
RT 6 45°	1.2	T0054460699

Type	a mm	Order number
RT 6MS 45°	1.2	T0054462099

MS tips: separate ground

* non wettable

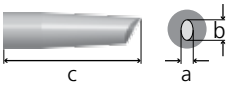
CONICAL



RT	Ø a mm	Order number
RT 1	0.2	T0054460199
RT 1NW*	0.1	T0054462599
RT 2	0.8	T0054460299
RT 15	.75	T0054460271
RT 14	0.4	T0054460171

RT-MS	Ø a mm	Order number
RT 1MS	0.2	T0054461499
RT 1NWMS*	0.1	T0054462571
RT 2MS	0.8	T0054461799
RT 12MS 25°	0.5	T0054463299
RT 13MS 30°	0.4	T0054463399
RT 14MS	0.4	T0054460173
RT 15MS	.75	T0054460273

GULL WING



Type	Ø a mm	b mm	Order number
RT10GW	1.2	2.0	T0054461099

Type	Ø a mm	b mm	Order number
RT10GWMS	1.2	2.0	T0054462499

KNIFE



Type	Ø a mm	Order number
RT 7 45°	2.2	T0054460799

Type	Ø a mm	Order number
RT 7MS 45°	2.2	T0054462199

MS tips: separate ground

MEASURING TIP

Type		Order number
RT Measuring Tip		K1101
RTMS Measuring Tip		K1151

* non-wettable

WMRT/WMRT-MS

Ultra slim tweezers; ideal for soldering and desoldering very small SMD components; cartridge type tips.

- Fastest heat up and recovery on the market
- Excellent reaction time with finest tips
- Optimal for soldering under microscope
- Rapid hot tip-change; no tool required

2 x 40W, 12V

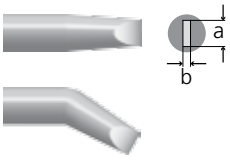


WMRT	T0051317299	Tweezer, RTW2 tip
WMRT-MS	T0051317599	Tweezer, no tip
RTW2-MS	T0054465899	Tip cartridge
WMRTH	T0051514699	Stand

WMRTSET
WMRT tweezer, RTW2 tip, WMRTH stand
T0051317399



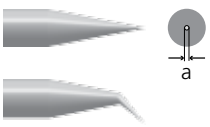
CHISEL



RTW	Ø a mm	b mm	Order number
RTW 2 45°	0.7	0.4	T0054465299
RTW 3 45°	3.0	1.0	T0054465399
RTW 4 45°	6.0	1.0	T0054465499
RTW 9	3.0	1.0	T0054466699 NEW
RTW 11	6.0	1.0	T0054466799 NEW
RTW10	10.0	1.0	T0054466899 NEW
RTW 8	1.3	0.4	T0054466499 NEW

RTW-MS	Ø a mm	b mm	Order number
RTW 2MS45°	0.7	0.4	T0054465799
RTW 3MS 45°	3.0	1.0	T0054465899
RTW 4MS 45°	6.0	1.0	T0054465999
RTW 9MS	3.0	1.0	T0054466999 NEW
RTW 11MS	6.0	1.0	T0054467099 NEW
RTW10MS	10.0	1.0	T0054467199 NEW
RTW 8MS	1.3	0.4	T0054466599 NEW
RTW 7NWMS*	0.8	0.4	T0054466371 NEW

CONICAL



Type	Ø a mm	Order number
RTW 1 45°	0.4	T0054465199
RTW 6NW* 45°	0.2	T0054465699

Type	Ø a mm	Order number
RTW 1MS 45°	0.4	T0054465599
RTW 6NWMS* 45°	0.2	T0054465671

* non wettable

MS tips: separate ground

WP65

Perfect choice where Active-Tip above lacks sufficient power; lower cost, non-cartridge style tips.

- Maximum power and rapid response
- Optimized sensor position
- Energy saving performance

65W, 24V

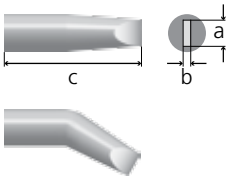


WP65 T0052921599 Pencil, XNTA tip



WP65SET
WP65 pencil with WDH10 stand
T0052921699

CHISEL



XNT	Ø a mm	b mm	c mm	Order number
XNT 1SCNW*	0.3	0.1	27.0	T0054488199 NEW
XNT 1SC	0.4	0.15	27.0	T0054486299
XNT H	0.8	0.4	28.0	T0054485999
XNT K	1.2	0.4	28.0	T0054486099
XNT A	1.6	0.4	28.0	T0054485199
XNT 6	1.6	0.4	29.5	T0054485699
XNT B	2.4	0.8	27.0	T0054485799

Type	Ø a mm	b mm	c mm	Order number
XNT C	3.2	0.8	27.0	T0054485899
XNT D	4.0	0.8	28.0	T0054485399
XNT HX 45°	0.8	0.4	36.5	T0054487399
XNT 4X 45°	1.2	0.4	34.6	T0054487499
XNT AX 45°	1.6	0.8	28.0	T0054486499
XNT BX 45°	2.4	0.8	36.5	T0054488299 NEW
XNT MX 45°	3.2	0.8	37.5	T0054488399 NEW

SLOPED

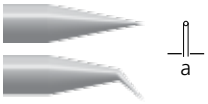


Type	a mm	Order number
XNT 4 45°	1.2	T0054485599
XNT AA 45°	1.6	T0054488499 NEW
XNT BB 45°	2.4	T0054488599 NEW

Type	a mm	Order number
XNT CC 45°	3.2	T0054488699 NEW
XNT F 45°	1.2	T0054488799 NEW

* non-wettable

CONICAL



XNT	Ø a mm	c mm	Order number
XNT 1	0.5	27.0	T0054485099
XNT 1L	0.2	42.8	T0054487199

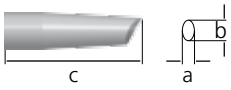
Type	Ø a mm	c mm	Order number
XNT S	0.4	37.5	T0054486899

KNIFE



Type	Ø a mm	c mm	Order number
XNT KN	2.0	33.0	T0054486399

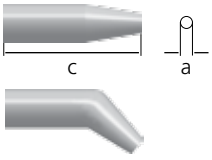
GULL WING



Type	b mm	c mm	Order number
XNT GW 45°	2.0	33.0	T0054485499

Type	b mm	c mm	Order number
XNT GW 1 45°	1.5	27.5	T0054488099 NEW

ROUND



Type	Ø a mm	c mm	Order number
XNT 1S	0.2	28.5	T0054485299
XNT AS	1.6	29.5	T0054486999
XNT L	2.0	37.5	T0054486699
XNT CS	3.2	29.5	T0054487099

Type	Ø a mm	c mm	Order number
XNT M	3.2	37.5	T0054486799
XNT 1LX 45°	0.2	36.5	T0054487299
XNT 1X 45°	0.4	28.0	T0054486599
XNT 1SLX 45°	0.4	39.5	T0054487599

SMT

Type	Ø a mm	b mm	c mm	Order number
XNT SMT 01	10.4	0.6	7.1	T0054487699
XNT SMT 02	16.8	0.6	7.1	T0054487799

Type	Ø a mm	b mm	c mm	Order number
XNT SMT 03	20.8	0.6	7.1	T0054487899

ACCESSORIES

Type	Ø a mm	c mm	Order number
Measuring tip WP65			K1131
XNT Screw M4		26.0	T0054487999

Type	Order number
Barrel	T0058765758
Barrel for bent tips	T0058765767

* non wettable

WSP80/WP80

Universal SMD and THT applications both small and large; lowest cost, non-cartridge style tips in entire range.

- Effective heat transfer via best material silver core
- Fast ramp up and recovery
- Designed for universal applications

80W, 24V

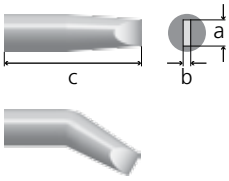


WSP80	WSP80	Pencil, LTB tip
WP80	T0052918099	Pencil, LTB tip
MPR80SET	T0053313199	Pencil, LTH tip, KH25P stand

WP80SET
WP80 pencil, LTB tip, WDH stand
T0052918199



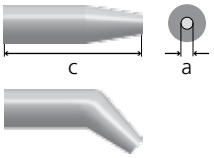
CHISEL



LT	Ø a mm	b mm	c mm	Order number
LT 1SC	0.4	0.15	15.0	T0054449499
LT 1SCNW*	0.3	0.1	15.0	T0054449799
LT A	1.6	0.7	12.5	LT A
LT ASL	1.6	0.45	12.5	T0054451699 NEW
LT B	2.4	0.8	12.5	LT B
LT BSL	2.4	0.45	12.5	T0054451799 NEW
LT H	0.8	0.4	12.5	LT H
LT HSL	0.8	0.4	12.5	T0054451899 NEW
LT C	3.2	0.8	12.5	LT C
LT D	4.6	0.8	12.5	LT D

Type	Ø a mm	b mm	c mm	Order number
LT DLL	4.6	1.2	12.5	T0054444899
LT K	1.2	0.4	20.0	LT K
LT L	2.0	1.0	20.0	LT L
LT M	3.2	1.2	20.0	LT M
LT HX 30°	0.8	0.4	17.5	LT HX
LT ALX 30°	1.6	0.7	17.5	LT ALX
LT BX 30°	2.4	0.8	17.5	T0054444299
LT AX 30°	1.6	0.8	14.1	LT AX
LT 4X 30°	1.2	0.4	17.2	LT 4X
LT MX 30°	3.2	1.2	20.0	T0054446999

ROUND

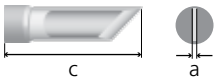


Type	Ø a mm	c mm	Order number
LT 1S	0.2	15.0	LT 1S
LT 1SNW*	0.1	15.0	T0054449699
LT 1SA	0.5	15.0	T0054448899
LT 1	0.25	13.0	LT 1
LT 1LNW*	0.1	25.4	T0054449899

Type	Ø a mm	c mm	Order number
LT 1A	0.5	13.0	T0054448999
LT AS	1.6	12.5	LT AS
LT CS	3.2	12.5	LT CS
LT 1SLX 30°	0.4	22.0	LT 1SLX
LT 1X 30°	0.4	13.0	LT 1X

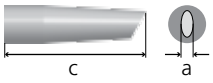
* non-wettable

KNIFE



LT	Ø a mm	c mm	Order number
LT KN	2.0	16.5	LTKN
LT KNSL 45°	2.0	16.5	T0054451999

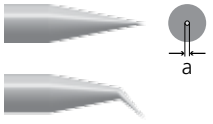
SLOPED



Type	a mm	c mm	Order number
LT 4 45°	1.2	15.0	T0054443999
LT F 45°	1.2	12.5	LTF
LT AA 60°	1.6	12.5	T0054448799
LT BB 60°	2.4	17.0	T0054444499
LT BB 45°	2.4	17.0	T0054448499
LT CC 60°	3.2	17.0	T0054444599
LT CC 45°	3.2	17.0	T0054448589

Type	a mm	c mm	Order number
LT DD 45°	4.0	20.0	T0054447899
LT DD 45° A	4.6	17.0	T0054448699
LT 11CP 45°	1.2	15.0	T0054442171 NEW
LT 22CP 45°	2.0	20.0	T0054440873 NEW
LT 33CP 45°	3.0	20.0	T0054440877 NEW
LT 44CP 45°	4.0	20.0	T0054440881 NEW

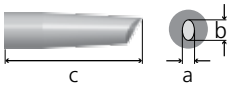
CONICAL



Type	Ø a mm	c mm	Order number
LT 1L	0.2	25.4	LT1L
LT 1LNW*	0.1	25.4	T0054449899 NEW
LT S	0.4	21.0	LTS

Type	Ø a mm	c mm	Order number
LT T	0.6	13.0	T0054448299
LT O	0.8	17.0	T0054448199
LT 1LX 35°	0.2	25.4	LT1LX

GULL WING



Type	Ø a mm	b mm	c mm	Order number
LT GW1 45°	2.3	3.2	17.8	LTGW
LT GW2 45°	3.5	4.8	17.8	T0054451199

ACCESSORIES

Type	a mm	c mm	Order number
Measuring tip WSP80			K181
Measuring tip WP80			K1111
Screw M4 external thread	8.0		T0054444999
ET-LT Adapter			T0058720781

SMT BLADE STYLE

Type	a mm	b mm	c mm	Order number
LTSMT01	10.4	.06 mm	7.1	T0054450199
LTSMT02	16.8	0.6 mm	7.1	T0054450299
LTSMT03	20.8	0.6 mm	7.1	T0054450399

* non wettable

WP120

120-watt, highest-standard performance iron;
perfect choice, lower cost, non-cartridge style tips.

- Highest power and rapid response
- Optimized sensor position
- Meeting highest industry standards

120W, 24V

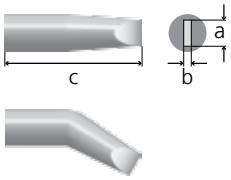


WP120 T0052919399 Pencil, XTB tip

WP120SET
WP120 pencil, XTB tip, WDH10T stand
T0052919499



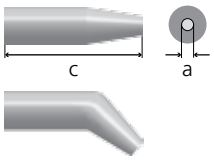
CHISEL



XT	Ø a mm	b mm	c mm	Order number
XT H	0.8	0.4	36.5	T0054471399
XT A	1.6	0.7	36.5	T0054470399
XT AL	1.6	1.0	39.5	T0054470199
XT ASL	1.6	0.45	36.5	T0054474099 NEW
XT M	3.2	1.2	39.5	T0054470299
XT B	2.4	0.8	36.0	T0054470499
XT BSL	2.4	0.45	36.0	T0054474199
XT B SC	2.5	0.8	36.3	T0054473899 NEW
XT C	3.2	0.8	36.0	T0054470599

Type	Ø a mm	b mm	c mm	Order number
XT D	4.6	0.8	34.5	T0054470699
XT CSL	3.2	0.45	36.0	T0054474299 NEW
XT E	5.9	1.2	34.5	T0054470799
XT DL	4.6	0.8	39.5	T0054473699
XT MX	3.2	0.8	53.5	T0054474599 NEW
XT HX	0.8	0.4	51.5	T0054473799
XT AX 30°	1.6	0.7	51.5	T0054474399 NEW
XT BX 30°	2.4	0.8	51.5	T0054474499 NEW

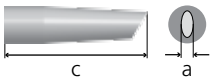
ROUND



Type	Ø a mm	c mm	Order number
XT BS	2.4	36.5	T0054471599
XT CS	3.2	36.5	T0054471699

Type	Ø a mm	c mm	Order number
XT DS	5.0	34.5	T0054471799

SLOPED

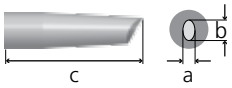


Type	a mm	c mm	Order number
XT F 30°	1.2	36.5	T0054471899
XT AA 60°	1.6	36.5	T0054470899
XT BB 45°	2.4	36.5	T0054470999
XT CC 45°	3.2	36.5	T0054471099

Type	a mm	c mm	Order number
XT DDH 45 45°	4.0	40.5	T0054473099 NEW
XT D 45°	5.0	40.5	T0054472199

* non-wettable

GULL WING



XT	Ø a mm	b mm	c mm	Order number
XT GW1 45°	2.3	3.2	36.5	T0054471299
XT GW2 45°	3.5	4.8	36.5	T0054473599

Type	Ø a mm	b mm	c mm	Order number
XT GW3 45°	0.8	0.9	41.5	T0054473999

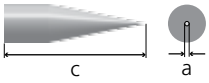
KNIFE

Type	Ø a mm	c mm	Order number
XT KN 60 °	2.0	45.0	T0054471199

SMT BLADE STYLE

a mm	Order number
10 x 4 mm	T0054473190
20 x 4 mm	T0054473290
33 x 4 mm	T0054473390

CONICAL



Type	Ø a mm	c mm	Order number
XT O	1.0	36.5	T0054471499

ACCESSORIES

Type	c mm	Order number
Measuring tip (For the WP120)		K1121
XT Adapter M4	36.0	T0054471999
XT Adapter M5	36.0	T0054472099

Type		Order number
Barrel	WP 120	T0058763709
Barrel for bent tips	WP 120	T0058765802

WP200

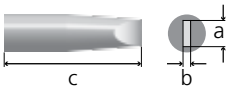
Highest power 200W soldering iron; ideal for highest mass applications e.g. LED back-panels or RF shields.

- Maximum power and rapid response
- Optimized sensor position
- Meeting highest industry standards



WP200 T0052919999

CHISEL



XHT	Ø a mm	b mm	c mm	Order number
XHT C	3.2	1.2	48.0	T0054480499
XHT D	5.0	1.2	48.0	T0054480199

Type	Ø a mm	b mm	c mm	Order number
XHT E	7.6	1.5	48.0	T0054480299
XHT F	9.3	2.0	48.0	T0054480599

WMP

65 watt pencil provides fast heat-up and good thermal recovery

65W, 24V



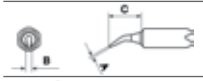
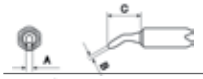
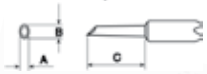
Short tip-to-grip
37mm / 1.46“
Built-in heating element

WMP TWMP Pencil, NT1 tip

WMPSET
T0052917999
WMP pencil, NT1 tip, WDH20 stand



NT SERIES TIPS

			A		B		C	
	Type	Catalog number	in	mm	in	mm	in	mm
	Micro	NT1	0.010	0.25			0.291	7.40
	Micro	NT1S	0.010	0.25			0.333	8.45
	Bent Round	NT1X	0.016	0.40	0.063	1.60	0.321	8.15
	Round	NT4	0.047	1.20			0.390	9.90
	Chisel	NT6	0.063	1.60	0.016	0.40	0.372	9.45
		NTA	0.063	1.60	0.016	0.40	0.331	8.40
		NTB	0.094	2.40	0.031	0.80	0.289	7.35
		NTC	0.126	3.20	0.031	0.80	0.305	7.75
		NTD	0.157	4.00	0.031	0.80	0.305	7.75
		NTH	0.031	0.80	0.016	0.40	0.331	8.40
		NTK	0.047	1.20	0.016	0.40	0.331	8.40
	Fine Chisel	NT1SC	0.130	3.30			0.325	18.00
	Bent Chisel	NTAX	0.075	1.90	0.028	0.70	0.325	18.00
	Gull wing for drag soldering	NTGW	0.106	2.70	0.047	1.20	1.142	29.00
	Tip removal tool	T0058751710						

WSP150

For jobs with extremely high heat requirements and large heat sinks.

150W, 24V



Effective heat transfer
High power and quick response

WSP150 T0052917099

WSP150SET
T0052918999
WSP150, LHTF tip, WDH30 stand



Catalog number	Order number	Style	A	B
LHTD	T0054445299	Chisel	0.197“ (5.0 mm)	0.79“ (2.0 mm)
LHTE	T0054445199	Chisel	0.276“ (7.0 mm)	0.79“ (2.0 mm)
LHTF	T0054445099	Chisel	0.366¨ (9.3 mm)	0.79“ (2.0 mm)
LHTD45	T0054445699	Sloped 45°	0.197“ (5.0 mm)	-
LHTDX	T0054446299	Chisel bent	0.199“(5.0mm)	0.79“ (2.0 mm)
LHTEX	T0054446199	Chisel bent	0.276“(7.0mm)	0.79“ (2.0 mm)
LHTFX	T0054446099	Chisel bent	0.354“(9.0mm)	0.79“ (2.0 mm)

WTA50

Desoldering tweezers for SMD components.

2 x 25W, 24V



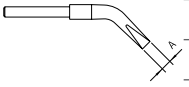
Dual heating elements & independent sensors provide uniform temperature

The tips are attached via set screws

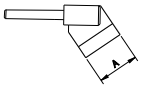
WTA50	T0051317199	Tweezer, WTA1 tips
WTA50SET	T0053313399	WTA50, WTA1 tips, AK51 stand

THERMAL TWEEZER TIPS

WTA series tiplets for WTA50 thermal tweezers tinned with lead-free solder



Catalog number	Order number	A in	A mm
WTA1	T0054414199	0.039	1.00
WTA2	T0054414699	0.118	3.00
WTA3	T0054414799	0.236	6.00



Catalog number	Order number	A in	A mm
WTA4	T0054414399	0.492	12.50
WTA5	T0054414499	0.728	18.50

DXV80

Desoldering irons for through hole rework.

800W, 24V



80W, 24V

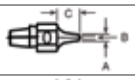
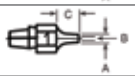
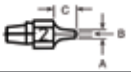
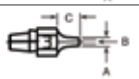
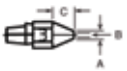
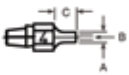
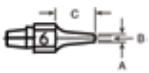
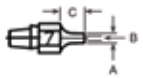
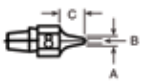
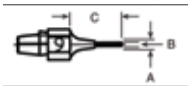
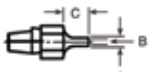
Pencil and inline desoldering tools

Micro finger switch

DXV80	T0051318099	Desoldering iron, DX112 tiplet
DXV80SET	T0051318099	DXV80, DX112 tiplet, WDH40 stand
DSX80	T0051319099	Desoldering iron, DX113HM tiplet
DSX80SET	T0051318399	DSX80, DX112/DX113 tiplets, WDH30 stand

DESOLDERING TIPLETS

DX series tiplets for DSV80/DSX80 desoldering iron

	Cat No.	Order number	A (O.D.) in	A (O.D.) mm	B (I.D.) in	B (I.D.) mm	C in	C mm
	DX110	T0051314099	0.075	1.90	0.028	0.70	0.325	18.00
	DX111	T0051314199	0.098	2.50	0.028	0.70	0.325	18.00
	DX112	T0051314299	0.091	2.30	0.039	1.00	0.325	18.00
	DX113	T0051314399	0.098	2.50	0.047	1.20	0.325	18.00
	DX113HM High Mass Tiplet	T0051315099	0.098	2.49	0.047	1.19	0.906	23.00
	DX114	T0051314499	0.130	3.30	0.071	1.80	0.325	18.00
	DX115	T0051314599	0.075	1.90	0.028	0.70	0.325	18.00
	DX116	T0051314699	0.106	2.70	0.047	1.20	1.142	29.00
	DX117	T0051314799	0.114	2.90	0.059	1.50	0.906	23.00
	DX118	T0051314899	0.059	1.50	0.058	0.71	0.906	23.00
	DX119 Non-Wetting Tiplet	T0051315199	0.043	1.10	0.028	0.71	1.22	31.00
	DX120 Pad Cleaning Tiplet	T0051315299	0.098	2.49	0.043	1.09	0.866	22.00

DSX120 DESOLDERING IRON NEW

Ideal for professional rework applications.

120W, 24V



35-second heat up time
Low-maintenance tiplets

DSX120	T0051319899	Desoldering pencil, XDS1 tiplet
WDH30	T0051515299	Stand

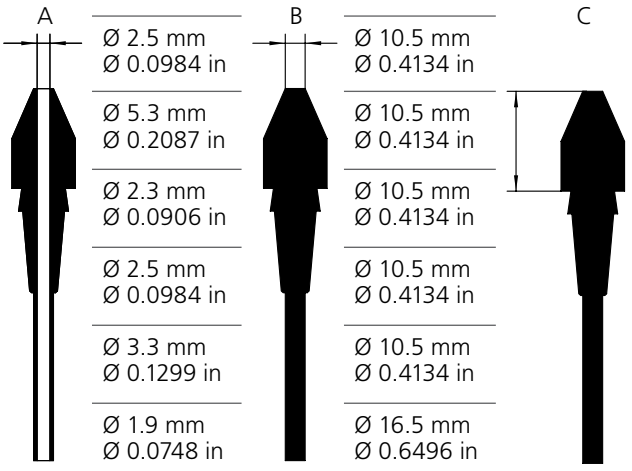
XDS LONG-SHAFT DESOLDERING TIPLETS

For use with the DSX irons



- **Innovative tiplets**
  120-watt low mass silver long shaft heating element with an eccentric oval for easy tiplet exchange
- **Limited cleaning**
  New clog-resistant XDS tiplets reduce the need for frequent cleaning

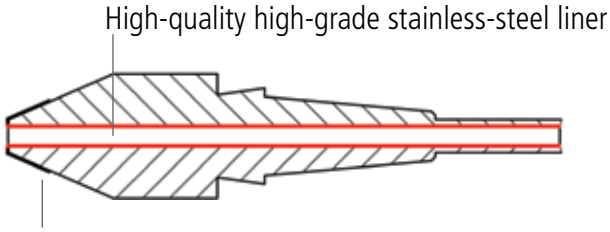
Model number		Order Number	A (ID)	B (OD)	C (Length)
XDS1		T0051325099	Ø 1.4 mm Ø 0.0651 in	Ø 2.5 mm Ø 0.0984 in	Ø 10.5 mm Ø 0.4134 in
XDS2		T0051325199	Ø 3.0 mm Ø 0.1181 in	Ø 5.3 mm Ø 0.2087 in	Ø 10.5 mm Ø 0.4134 in
XDS3		T0051325299	Ø 1.0 mm Ø 0.0394 in	Ø 2.3 mm Ø 0.0906 in	Ø 10.5 mm Ø 0.4134 in
XDS4		T0051325399	Ø 1.2 mm Ø 0.0472 in	Ø 2.5 mm Ø 0.0984 in	Ø 10.5 mm Ø 0.4134 in
XDS5		T0051325499	Ø 1.8 mm Ø 0.0709 in	Ø 3.3 mm Ø 0.1299 in	Ø 10.5 mm Ø 0.4134 in
XDS6		T0051325599	Ø 0.7 mm Ø 0.0276 in	Ø 1.9 mm Ø 0.0748 in	Ø 16.5 mm Ø 0.6496 in
XDS7		T0051325699	Ø 1.2 mm Ø 0.0472 in	Ø 2.7 mm Ø 0.1063 in	Ø 16.5 mm Ø 0.6496 in
XDS8		T0051325799	Ø 1.5 mm Ø 0.0591 in	Ø 2.9 mm Ø 0.1142 in	Ø 10.5 mm Ø 0.4134 in
XDS9		T0051325899 (Measuring tip)	Ø .55 mm Ø 0.0217 in	Ø 2.2 mm Ø 0.0866 in	Ø 11.0 mm Ø 0.4331 in



XDSL SERIES DESOLDERING TIPLETS NEW

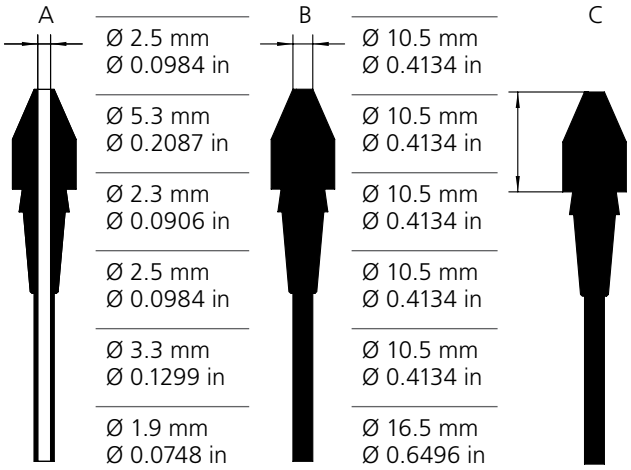
For use with the DSX120 desoldering iron.

- Extended shaft tiplets deposit molten solder directly into the solder collection tube
- Easy change tiplet design
- Stainless-steel tube liner for maximum durability
- Minimize tip cleaning time by changing the tiplet and suction path simultaneously
- Optimized at the lowest temperature, tiplet life is extended up to three times



Desoldering tiplets for DSX120 desoldering irons

Model number		Order number	A (ID)	B (OD)	C (Length)
XDSL1		T0051325999	Ø 1.4 mm Ø 0.0651 in	Ø 2.5 mm Ø 0.0984 in	Ø 10.5 mm Ø 0.4134 in
XDSL2		T0051326099	Ø 3.0 mm Ø 0.1181 in	Ø 5.3 mm Ø 0.2087 in	Ø 10.5 mm Ø 0.4134 in
XDSL3		T0051326199	Ø 1.0 mm Ø 0.0394 in	Ø 2.3 mm Ø 0.0906 in	Ø 10.5 mm Ø 0.4134 in
XDSL4		T0051326299	Ø 1.2 mm Ø 0.0472 in	Ø 2.5 mm Ø 0.0984 in	Ø 10.5 mm Ø 0.4134 in
XDSL5		T0051326399	Ø 1.8 mm Ø 0.0709 in	Ø 3.3 mm Ø 0.1299 in	Ø 10.5 mm Ø 0.4134 in
XDSL6		T0051326499	Ø 0.7 mm Ø 0.0276 in	Ø 1.9 mm Ø 0.0748 in	Ø 16.5 mm Ø 0.6496 in
XDSL7		T0051326599	Ø 1.2 mm Ø 0.0472 in	Ø 2.7 mm Ø 0.1063 in	Ø 16.5 mm Ø 0.6496 in
XDSL8		T0051326699	Ø 1.5 mm Ø 0.0591 in	Ø 2.9 mm Ø 0.1142 in	Ø 10.5 mm Ø 0.4134 in
XDS9		T0051325899 (Measuring tip)	Ø .55 mm Ø 0.0217 in	Ø 2.2 mm Ø 0.0866 in	Ø 11.0 mm Ø 0.4331 in



HAP1/HAP200 HOT AIR PENCILS

Precisely delivers hot air to SMD components.



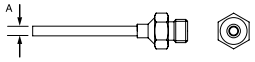
Finger-activated hot air switch
Easy exchange nozzles

HAP200	T0052711699
HAP200SET	T0052711799
HAP1SET	T0052711899

HOT AIR NOZZLES

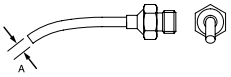
Nozzles for HAP1 and HAP200 hot air pencils

ROUND



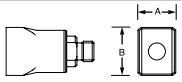
Order number	A in	A mm	B in	B mm
T0058727823	0.031	0.80	--	--
T0058727821	0.047	1.20	--	--
T0058727787	0.098	2.50	--	--
T0058727822	0.118	3.00	--	--

ROUND BENT



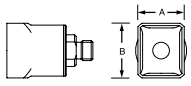
Order number	A in	A mm	B in	B mm
T0058727786	0.079	2.00	--	-

2-SIDES HEATED



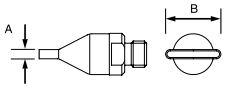
Order number	A in	A mm	B in	B mm
T0058727782	0.394	10.00	0.512	13.00
T0058727781	0.394	10.00	0.591	15.00
T0058727784	0.394	10.00	0.709	18.00
T0058727779	0.413	10.50	0.413	10.50

4-SIDES HEATED



Order number	A in	A mm	B in	B mm
T0058727777	0.236	6.00	0.256	6.50
T0058727778	0.236	6.00	0.354	9.00
T0058727780	0.394	10.00	0.591	15.00
T0058727783	0.492	12.50	0.591	15.00
T0058727785	0.709	18.00	0.709	18.00

FLAT



Order number	A in	A mm	B in	B mm
T0058727774	0.059	1.50	0.315	8.00
T0058727773	0.059	1.50	0.394	10.00
T0058727772	0.059	1.50	0.472	12.00

* HAP200 Requires M6 Nozzle Adapter (Order number 0058761728)

RESOURCES
FOR THE FUTURE.

Weller is a committed supporter of actions that help to protect our environment and to conserve natural resources.

By recycling the copper and iron from used tips, we can make a real contribution towards helping the environment.

Collect your worn out soldering tips, all types from all manufacturers, send them to us, and we will arrange for their environmentally safe recycling.

Not only will your effort benefit the environment but it will also benefit you because for every 2 lbs. of worn out tips you send to us, you will receive a $75.00 voucher to be used against your next purchase of Weller Brand tips.

Get involved with Weller—the environment will profit and so will you.

Send your full TIP RECYCLING BOX to the address on the box or to:

Weller Tools
1000 Lufkin Road
Apex, NC 27539 USA



Tip recycle box
for two pounds of used tips.
Order number: T550729

RESOURCES FOR THE FUTURE

Weller®

YouTube

ACCESSORIES



WDC DRY CLEANER
Order number: T0051512499
Soft solution for cleaning lead-free solder with brass wool. Replacement wools: T0051384099
(2 pcs.)



WDC2 DRY CLEANER
Order number: T0051512599
Soft solution for cleaning lead-free solder with brass wool. For WDH safety rests..Replacement wools: T0051384099
(2 pcs.)



LEAD FREE TIP ACTIVATOR
Order number: T0051303199
For regeneration of solder tips. Proper use will prolong lifetime of tips. Environmentally safe.



CLEANING TOOL
Order number: T0058765773
For cleaning of desoldering tiplets and for tiplet exchange.



SERVICE SET
Order number: T0051312499
Spare filter for desoldering iron DSX80/DSX120



(Tip not included)

TIP RETAINER FOR WSP80 | WP80
Barrel for WSP80
Order number: WS102
Barrel long for WP80 (55mm)
Order number: T0058744846
Barrel short for WP80 (40mm)
Order number: T0058744845



FILTER CARTRIDGE
Order number: T0058741815
Spare cartridge for Desoldering iron DXV80 (5 pcs.)



POLISHING BAR
Order number: WPB1
Polishing bar cleans and renews the surface of a soldering tip. Should be used only when solder tip is cold.



SPONGE
Order number: T0052241999
Dimensions 70 x 55 x 16mm (5 pcs.)



WHP200
Order number: WHP200
120V, 50/60Hz, 200W infrared
150°F - 750°F (50°C - 400°C)
4.72" x 2.36" (120mm x 60mm)
ESD safe



WHP1000
Order number: WHP1000
120V, 50/60Hz, 850W infrared
150°F - 570°F (50°C - 300°C)
6.0" x 8.75" (150mm x 220mm)
ESD safe



WHP3000
Order number: WHP3000
120V, 50/60Hz, 200-600W infrared
150°F - 750°F (50°C - 400°C)
ESD safe



WHP80
Order number: T0052702899
Hot plate 3.2" x 2"
80W, 24V
150°F - 400°F (50°C - 200°C)
3.15" x 1.97" (80mm x 50mm)



WSB80
Order number: T0052704099
80W, solder bath, 24V
150°F - 850°F (50°C - 450°C)
0.79" x 0.98" (20mm x 25mm)



WSB150
Order number: T0052704299
150W, solder bath. 24V
150°F - 850°F (50°C - 450°C)
2.28" x 1.30" x 0.748"
(58mm x 33mm x 19mm)



TIPLET REMOVAL PLIERS
Order number: T0058765801
Ergonomically shaped handles prevent hand fatigue, DX/XDS/XDSL tiplets are easy to change



WVP
Order number: T0052918499
Vacuum pick-up pen
WR3M only

AIR FILTERS FOR WR2/WR3M/WR3ME
(3/pk)
Order number:
T0058759725

AIR FILTERS FOR WR2/WR3M/WR3ME (3/PK)
Order number:
T0058759726

Weller FT FILTER SYSTEMS

WHY FUME EXTRACTION?

Many work environments today, including soldering, adhesives, welding and laser applications, create particles and gases that can be harmful to the work place and the environment. Most people thought that the move to leadfree soldering would be emission friendly. In reality leadfree soldering smoke emissions contain more breathable fine dust particles.

More smaller particles are produced due to the higher working temperatures required and because more flux is used in the soldering process.

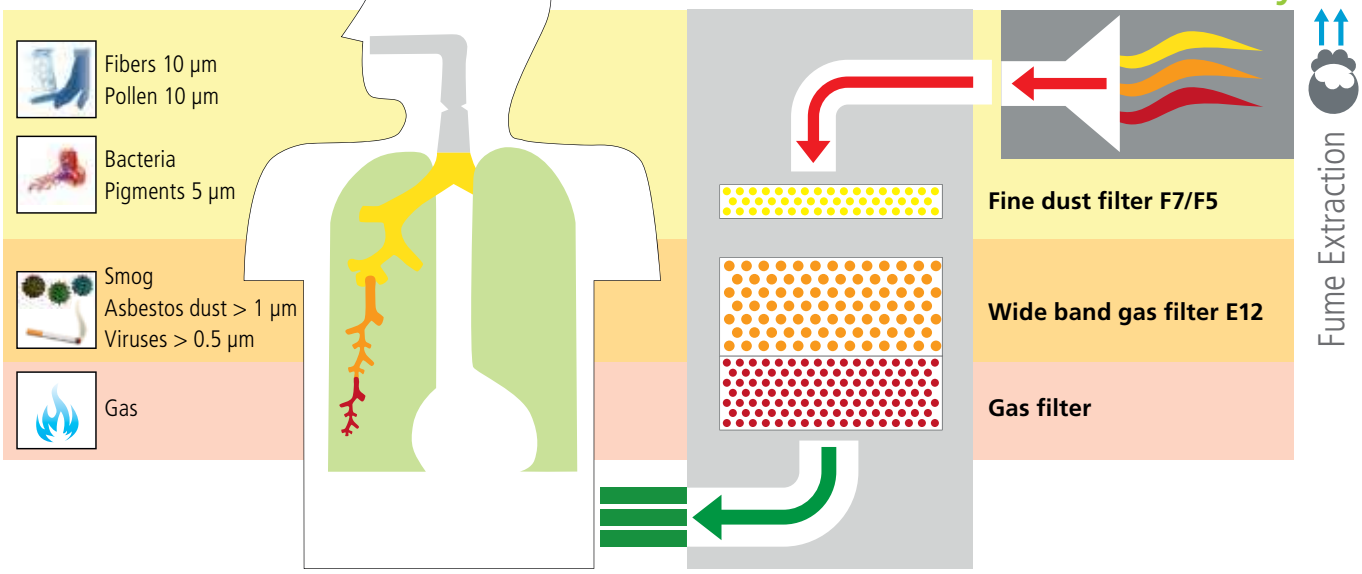
In many countries legal regulations governing clean air in the work place require that hazardous substances are removed from the air in order to avoid harmful effects on people and machines.

It is important to use the correct safety equipment to remove these hazardous substances. Fine particles are more dangerous to inhale than big particles as they get caught more easily and block the alveoli in the lungs.

To protect the operator it is important to use an extraction system that is able to separate these particles and gases and then re-circulates the cleaned air back into the work place. This saves energy and reduces energy costs.

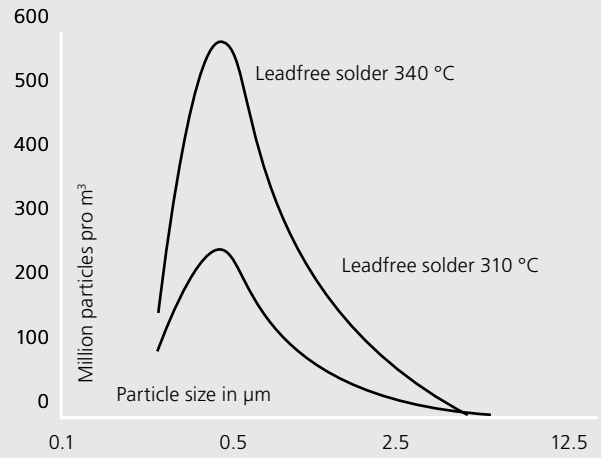
- The smaller the particles are, the deeper they penetrate into the respiratory system.
- The deeper the particles penetrate, the higher the health risks.
- The smallest particles travel via alveoli into the bloodstream.

Fine dust accumulation in the human body



Pollution concentration

Increasing soldering temperature causes higher pollutant concentration of small particles!



Filter classes

Medium filtration efficiency Em % against particle size 0.12 µm



Mobile Fume Extraction Filter Systems

Clean Air Solutions








TECHNICAL DATA	VOLUME EXTRACTION				TIP EXTRACTION	
	WFE2ES	MG100S	ZERO SMOG 4V	ZERO SMOG 6V	WFE2P*	ZERO SMOG 20T
Voltage/Frequency	120V/60Hz	100-240V/50-60Hz	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz
Noise Emission Level	55 dB(A)	54 dB(A)	48 dB(A)	51 dB(A)	45 dB(A)	51 dB(A)
Power Rating	120VA	175 VA	275 VA	460 VA	60 VA	630VA
Maximum Vacuum	1,800 Pa	2,300 Pa	2,700 Pa	2,800 Pa	30,000 Pa	10,000 Pa
Maximum Suction Capacity	220 m³/h	100 m³/h	230 m³/h	615 m³/h	30 l/m	100 m³/h
CFM Equivalent (Approx.)	105 CFM	60 CFM	135 CFM	362 CFM	N/A	N/A
(1) Pre-Filter	F5	N/A	F7	F7	F7	F7
(2) HEPA Filter	E12	E12	E12	E12	E12	E12
(2) HEPA w/Gas Filter Media	NO	YES/Wide Band	YES/Wide Band	YES/Wide Band	YES/Wide Band	YES/Wide Band
(3) HEPA Gas Filter Option	NO	NO	YES	YES	YES	NO
Dimensions LxWxH (mm)	320x320x395	460x610x210	320x320x395	450x450x650	140x295	450x450x695
Weight	9 kg	15 kg	19 kg	40 kg	4.9 kg	45 kg

*Do not use for 24 h continuous operation.

	PRODUCT	CATALOG NUMBER	WX COMPATIBILITY	FILTER STAGES	NUMBER OF OPERATORS	STATION CASTERS INCLUDED
VOLUME EXTRACTION	WFE2ES	WFE2ES	NO	3 Stages	1-2	NO
	WFE2ESKIT1	WFE2ESKIT1	NO	3 Stages	1-2	NO
	MG100S	U-100-100	ESD	2 Stage	1-2	NO / Option: T0053651299
	MG100S KIT1	U-100-1055	ESD	2 Stage	1-2	NO / Option: T0053654299
	ZERO SMOG 4V	T0053660299	YES	3 Stages	1-4	YES
	ZERO SMOG 4V GAS	T0053661299	YES	3 Stages	1-4	YES
	ZERO SMOG 4V KIT1	T0053663299	YES	3 Stages	1-4	YES
	ZERO SMOG 4V KIT2	T0053665299	YES	3 Stages	1-4	YES
	ZERO SMOG 6V	T0053666299	YES	3 Stages	1-6	YES
TIP EXTRACTION	WFE2P	T0053623299	NO	2 Stages	1-2	NO
	ZERO SMOG 20T	T0053670299	YES	3 Stages	1-20	YES



T0058762770
KIT1WF32
Sloped nozzle



T0058762763
KIT1SWF
Sloped nozzle

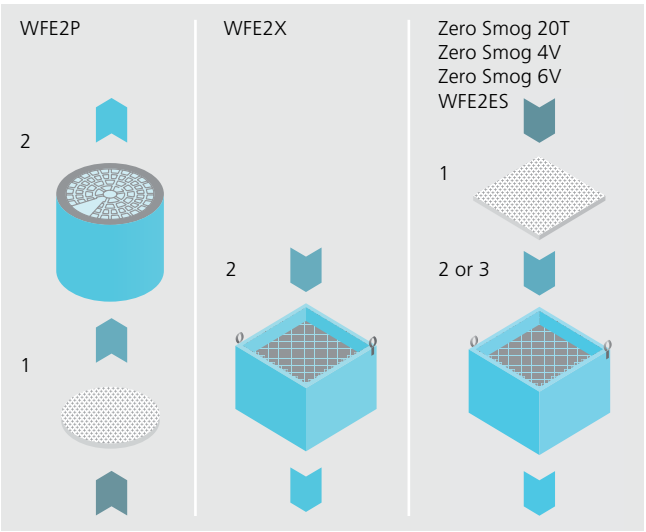


T0053657299
KIT 1 WF
Sloped nozzle



T0053657199
KIT 1 WF
Funnel nozzle

Filter stage process



1 - **FINE DUST FILTER** For standard applications with a small amount of flux and pollution gases with high solid content, WellerFT offers filter classes F5 or F7.

2 - **MAIN COMPACT FILTER** consisting of HEPA filter particles up to 0.3µm. WellerFT offers HEPA (Efficiency Particulate Air) filters of class E12, medium filtration efficiency 99.5%. Wide band gas filter for cleaning harmful fumes and vapors. The WellerFT wide band gas filter consists of 50% active carbon and 50% Puratex.Harmful gases with a high-molecular weight are cleaned by the active carbon. Puratex is suitable for absorbing gases of lower molecular weight. Because of its composition, Puratex is able to convert a large number of chemical pollutants by means of molecular modification into non-polluting gases.

3 - **GAS FILTER (OPTION)** is used for extracting adhesive fumes and solvents. Experience has shown that filtering suspended particles is not so vital in this respect. The gas filter is filled with 50% active carbon and 50% Puratex. The HEPA E12 is omitted.

USA

Apex Tool Group, LLC
1000 Lufkin Road
Apex, NC 27539
Tel: +1 (866) 498 0484
Fax: +1 (919) 387 2639

CANADA

Apex Tools – Canada
7631 Bath Road
Mississauga, Ontario L4T 3T1
Tel: +1 (905) 673 4400
Fax: +1 (905) 673 4408

GERMANY

Weller Tools GmbH
Carl-Benz-Straße 2
74354 Besigheim
Tel: +49 (0)7143 580-0
Fax: +49 (0)7143 580-108

GREAT BRITAIN

Apex Tool Group (UK Operations) Ltd
4th Floor Pennine House
Washington, Tyne & Wear
NE37 1LY
Tel: +44 (0) 191 419 7700
Fax: +44 (0) 191 417 9421

FRANCE

Apex Tool Group S.N.C.
25 Avenue Maurice Chevalier B.P. 46
77832 Ozoir-la-Ferrière Cedex
Tel: +33 (0) 1.64.43.22.00
Fax: +33 (0) 1.64.43.21.62

ITALY

Apex Tool S.r.l.
Viale Europa 80
20090 Cusago (MI)
Tel: +39 (02)9033101
Fax: +39 (02)90394231

SWITZERLAND

Apex Tool Switzerland Sàrl
Rue de la Roselière 12
1400 Yverdon-les-Bains
Tel: +41 (0) 24 426 12 06
Fax: +41 (0) 24 425 09 77

CHINA

Apex Tool Group
A-8 building
No. 38 Dongsheng Road
Heqing Industrial Park, Pudong
Shanghai PRC 201201
Tel: +86 (21)60880288
Fax: +86 (21)60880289

AUSTRALIA

Apex Tools
P.O. Box 366
519 Nurigong Street
Albury, N.S.W. 2640
Australia
Tel: +61 (2)6058-0300
Fax: +61 (2)6021-7403

SOUTH EAST ASIA

Apex Power Tools India Pvt Ltd
Gala No. 1, Plot No. 5
S.No. 234, 235 & 245
India land Global Industrial Park.
(Next to Tata Johnson Control)
Taluka- Mulsi , Phase –I
Hinjawadi Pune (411057)
Maharashtra, India
toolsindia@apextoolgroup.com



weller-tools.com

© 2014 Apex Tool Group, LLC | 1000 Lufkin Road | Apex, NC 27539 | weller-na@weller-tools.com

ATG-1712 | ITEM No.T550921 | 10m 9/14 SP | Specifications subject to change without notice.