

NEW



WX TEAM

One platform – up to every challenge



Weller®

OUR WX TEAM

Five pros – any challenge.



OUR WX TEAM

The Weller WX team of products is here to solve all of your problems – from issues with soldering and desoldering to the use of hot air in your manufacturing process. The WX team offers full WX tool compatibility, tried-and-tested bench top functions and all essential traceability features.



Safe soldering

Weller WX stations make the manual soldering process safer, a crucial factor in the automotive, aerospace and medical industries. This is provided by temperature and tool locking, and tool-specific temperature settings.



Use as benchtop controller

Integrated USB ports allow WX stations to be connected to and to control soldering fume extractors, pre-heat plates and programmable logic controllers (PLC). The connected tools feed back their parameters and status to the display.



Intelligent tool detection

All connected tools and accessories are detected automatically by the stations and their name(s) shown on the display.



Multifunctional USB port

Firmware updates and parameter settings are quick and easy using USB sticks. User-friendly PC interface.



Integrated memory

Parameters such as standby temperatures and automatic off time can easily be stored in the soldering iron. Parameters only need to be stored once; the soldering iron can then use them with any WX station.



ESD safe

All WX devices are ESD-safe.



Traceability

All WX stations are traceable and can be integrated into an existing traceability process.



Very short learning curve

Multilingual menus are available in 18 languages including: English, Spanish, French, German, Italian and Mandarin Chinese. Selection is easy with the intuitive menu selection.



Robotics connectivity

An RS-232 serial protocol connection is available on the WX platform stations for use with robotic soldering systems.

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WX SOLDERING STATIONS

A new era of soldering.

TWO STATIONS – MANY ADVANTAGES

The powerful, dependable and user-friendly WX1 and WX2 stations redefine the world of soldering. Maximum process reliability for manual soldering tasks is provided for the automotive, aerospace and medical technology industries. The WX1 and WX2 are intuitive and easy to operate thanks to their touch screens and language options. With these stations, any soldering process can be effortlessly programmed and there is a choice between 1 and 2 channel stations.



ADVANTAGES AT A GLANCE



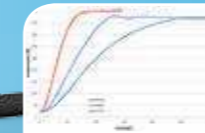
Visual process control through LED signal function

Blue LED ring light on most models
(light on = heater on, light off = heater off)



Tailor-made performance

Weller heating technologies deliver precise performance on demand.



Quick heating time

WX soldering irons heat within seconds
(heat-up time varies by model)

± 2°C

Temperature stability/accuracy

All WX Soldering tools have a temperature stability of ± 2°C / ± 4°F and a temperature accuracy of ± 9°C / ± 17°F, IPC standard which exceeds the IPC J-STD001E requirements.



Intuitive operation

The robust touch screen is a capacitive touch panel made of real glass. It is anti-static and temperature-resistant. The turn-and-click wheel with enter pad allows intuitive operation.



WX Soldering station
Compatibility



Soldering and related accessories

WXP65 Soldering iron
WXP120 Soldering iron
WXP200 Soldering iron
WXMP-MS Micro soldering iron
WXMT-MS Micro desoldering tweezers
WXHP120 Preheat plate
WXS200 Solder bath



Peripheral heating accessories

WHP1000 Preheat plate
WHP3000 Preheat plate



Peripheral fume extraction accessories

Zero-Smog® 4V Fume extractor
Zero-Smog® 6V Fume extractor

WXD2 DESOLDERING STATION

Remove solder with the fastest desoldering irons in the world.



THIS DESOLDERING SYSTEM IS IN A LEAGUE OF ITS OWN!

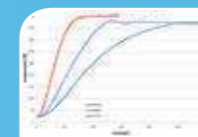
With a heating time of 35 seconds, the WXDP120 and WXDV120 desoldering irons set a new standard for high-performance desoldering. Thanks to the dual channel soldering station and WXD2 desoldering station, coupled with the high-power pencil (WXPD120) or inline (WXDV120) desoldering irons, you can tackle jobs you never knew were possible.

ADVANTAGES AT A GLANCE



Fast-action Venturi system

The fast-action Venturi system produces a controlled vacuum via an external compressed air source. A filtered (clean/dry) compressed air supply of 58–87 PSI / 4–6 bar is required.



High performance desoldering

With 120 watts of power and 35 second heat up time, the WXDV120 and the WXDP120 desoldering tools can easily handle tasks that were difficult in the past. High mass and large ground plane PC boards are no match for the new 120 watt tools.



Less cleaning required

The XDSL tiptlet design creates less need for cleaning and more time on the job. The once tedious and time-consuming task of cleaning the tiptlet is less of a requirement than for tools of the past.



Quicker cleaning

Thanks to the bayonet lock design, the spring-loaded collection chamber can be easily and quickly cleaned, saving on operator downtime and improved productivity.



Increased cost savings

Increased power (120w) and lower operating temperatures combined with the programmable standby feature can add extended life to the XDSL series tiptlets.



User-friendly handle design

The co-molded handle with integrated switch allows for fast and efficient operation. The solder collector helps to prevent the tool from twisting in the hand during use.



Vacuum Off delay time

The programmable Vacuum Off delay time can assist in helping to prevent unnecessary tiptlet clogging. The Vacuum On delay feature allows the solder to reflow before the vacuum initiates.



WXD2 Desoldering station
Compatibility



Soldering and related accessories

WXP65 Soldering iron
WXP120 Soldering iron
WXP200 Soldering iron
WXMP-MS Micro soldering iron
WXMT-MS Micro desoldering tweezers
WXHP120 Pre-heating plate
WXS200 Solder bath



Desoldering

WXDP120 Desoldering iron
WXDV120 Desoldering iron



Peripheral heating accessories

WHP1000 Preheat plate
WHP3000 Preheat plate



Peripheral fume extraction accessories

Zero-Smog® 4V Fume extractor
Zero-Smog® 6V Fume extractor

WXA2 HOT AIR STATION

The perfect solution for hot air rework and soldering applications.



HOT AIR REWORK AND SOLDERING IN A SINGLE STATION.

The WXA2 hot air station is ideal for complex hot air rework or traditional soldering. The variable airflow allows control from 1 to 20 l/min to meet most hot air rework applications. And of course the entire range of WX series soldering irons can be used with the WXA2 (maximum combined wattage cannot exceed 255 watts).

ADVANTAGES AT A GLANCE



Adjustable airflow control

A clean, dry (oil and moisture-free) compressed air supply of 4–6 bar/58–87 PSI is required to operate the WXA series hot air station. The volume of airflow is measured in LPM and is displayed as a percentage of the maximum airflow (0–20 l/m).



Flexible operating features

The WXA2 has 3 separate operating modes.

Operating mode level 1 – the air flow continues for as long as the handle switch is depressed.

Operating mode level 2 – depressing the handle switch once, the air flow is controlled by a timer for up to 300 seconds.

Operating mode level 3 – air flow is activated when the handle switch is depressed and deactivated when the handle switch is depressed a second time.



Finger and foot switches

The air flow is controlled using the finger switch in the handle. It can also be controlled by a foot switch (optional).



Maximum flexibility

The comprehensive nozzle selection makes the WXHAP 200 Hot air soldering pencil suitable for a wide range of applications. Dual, flat, quad and round nozzles are available.



ESD safe and static free

All WX series stations and tools are ESD safe. The WXHAP200 hot air pencil also provides static free air flow thanks to the unique deionizing circuit used in the tool.



Inert gas option

Nitrogen can also be used to produce an inert gas environment for challenging rework applications.



WXA2 Hot air station
Maximum flexibility



Soldering and related accessories

WXP65 Soldering iron
WXP120 Soldering iron
WXP200 Soldering iron
WXMP-MS Micro soldering iron
WXMT-MS Micro desoldering tweezers
WXHP120 Preheat plate
WXS200 Solder bath



Hot air

WXHAP200 Hot air soldering pencil



Peripheral heating accessories

WHP1000 Preheat plate
WHP3000 Preheat plate



Peripheral fume extraction accessories

Zero-Smog® 4V Fume extractor
Zero-Smog® 6V Fume extractor

*Note: when using the WXHAP200 hot air pencil or the WXP200 high performance soldering iron, only the WXMP-MS series can be used simultaneously (max. 255 watts)

WXR3 REWORK STATION

Everything – and more.



WXR3 REWORK STATION

The WXR3 Rework Station is the perfect solution for all soldering, desoldering and hot air jobs, as it can handle the most demanding tasks and standard jobs with ease. The station can also be integrated into a traceability process.

ADVANTAGES AT A GLANCE



Power and class

The WXR3 is a state-of-the-art 3 channel rework system with 600 watts of total power. The WXR3 can be used for all applications using the compliment of WX series soldering irons, desoldering irons and hot air pencil.



Totally self-contained

2 internal pumps provide the sources for hot air, desoldering vacuum and a vacuum pickup tool for a completely self-contained rework system.



User-friendly

The LCD display provides information at a glance. All parameters, connected tools and peripheral devices are monitored simultaneously on the display. Parameter setting and other special functions can also be accessed through the menu on the WXR3 rework system.



WRK rework kit

The WRK rework kit can be used for soldering and desoldering of both large and small SMT components.



WVP vacuum pickup tool

The WVP vacuum tool can be used to safely and simply place components where needed.



Intelligent power management

Its intelligent power management function allows the available power to be distributed to the connected tools as required. Up to three 200w high performance tools can be operated simultaneously on the WXR3 base unit for a total of 600 watts.



Choose from 2 models

The Weller WX series are available in an in-line (WXDV120) or in a pencil design (WXDP120) for operator comfort and ease.



WXR3 Rework station
Compatibility



Soldering and related accessories

- WXP65 Soldering iron
- WXP120 Soldering iron
- WXP200 Soldering iron
- WXMP-MS Micro soldering iron
- WXMT-MS Micro desoldering tweezers
- WXHP120 Preheat plate
- WXSB200 Solder bath



Desoldering

- WXDP120 Desoldering iron
- WXDV120 Desoldering iron



Hot air

- WXHAP200 Hot air soldering pencil



Peripheral heating accessories

- WHP1000 Preheat plate
- WHP3000 Preheat plate




















Peripheral fume extraction accessories

- Zero-Smog® 4V Fume extractor
- Zero-Smog® 6V Fume extractor

WX TOOL SELECTION

AND COMPATIBILITY MATRIX

		200 W (255 W)	200 W (255 W)	200 W (255 W)	200 W (255 W)	420 W (600 W)
						
		WX1 Soldering power unit with 1 channel	WX2 Soldering power unit with 2 channels	WXD2 Desoldering power unit with 2 channels	WXA2 Hot air power unit with 2 channels	WXR3 Rework power unit with 3 channels
	WXP65 65W SOLDERING IRON Small, fast soldering iron with 65 watts. Qualified for fine solder jobs with high heating demand. Power response heating element technology. T0052921299 (set)	+	+	+	+	+
	WXP120 120W SOLDERING IRON All purpose with 120 watts. For soldering applications from small to large components with high temperature demand. Power response heating element technology. T0052920299 (set)	+	+	+	+	+
	WXP200 200W SOLDERING IRON High power soldering iron. Ideal for applications with a high temperature demand, e.g. LED backpanels, HF shieldings, solar panels or automotive glass applications. Power response heating element technology. T0052920699 (set)	+	+	+	+	+
	WXMP-MS 40W (55W MAX.) MICRO SOLDERING IRON Fine, slim soldering iron. Ideal for microscope work. High performance by integrated active soldering tip. Active tip heating element technology. T0052921799 (set)	+	+	+	+	+
	WXMT-MS 2 X 40W MICRO DESOLDERING TWEEZERS Slim tweezers. Ideal for soldering and desoldering of very small SMD componets. Active tip heating element technology. T0051320399 (set)	+	+	+	+	+
	WXDP120 120W DESOLDERING IRON High power desoldering iron. Heat-up time 35 sec. It makes the most difficult desoldering challenge easy. Integrated solder collector. T0051320299 (set)			+		+
	WXDV120 120W DESOLDERING IRON High power desoldering iron. Heat-up time 35 sec. It makes the most difficult desoldering challenge easy. Disposable solder collector chamber. T0051320599 (set)			+		+
	WXHAP200 200W HOT AIR PENCIL Hot air pencil for soldering SMD devices. The WXHAP200 hot air pencil also provides static-free air flow thanks to the unique deionizing circuit used in the tool. T0052712099 (set)				+	+
	WRK HOT AIR NOZZLE SET WITH STAND T0051515599					+
	WVP VACUUM PICK-UP PENCIL T0052918499					+
	WXHP120 120W PREHEATING PLATE Preheating plate, 120 W with 30 % more heat output, for multilayer applications and high mass circuit boards, heating surface 80 x 50 mm. T0052702999	+	+	+	+	+
	WXSB200 200W SOLDERING BATH Soldering bath for lead timing and component preparation. T0052704399	+	+	+	+	+

NEW

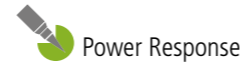
Overview WX Sets

WXR Rework stations



WXR3001 Set NEW

WXR3 power unit with WXHAP200 hot air pencil (200w / 24v), WXDP120 desoldering iron (120w / 24v), WXP65 soldering iron (65w / 24v), WVP vacuum pick-up, PDN pliers, WDH30, WDH70, WDH10 safety rests



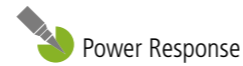
Power Response

Order no.
WXR3001



WXR3002 Set NEW

WXR3 power unit with WXHAP200 hot air pencil (200w / 24 v), WXDP120 desoldering iron (120w / 24 v), WXP120 soldering iron (120w / 24v), WVP vacuum pick-up, PDN pliers, WDH30, WDH70, WDH10 safety rests



Power Response

Order no.
WXR3002



WXR3003 Set NEW

WXR3 power unit with WXHAP200 hot air pencil (200w / 24v), WXDV120 desoldering iron (120w / 24v), WXP65 soldering iron (65w / 24v), WVP vacuum pick-up, PDN pliers, WDH30, WDH40, WDH10 safety rests



Power Response

Order no.
WXR3003

WXD Desoldering stations



WXD2010

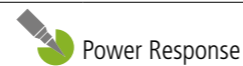
WXD2 power unit, WXDP120 high-power desoldering iron (120w / 24 v), WDH70 safety rest and PDN pliers desoldering tiptlet

Order no.
WXD2010



WXD2020

WXD2 power unit, WXDP 120 high-power desoldering iron (120w / 24v) and WDH70 safety rest, WXP120 soldering iron with WDH10 safety rest and PDN pliers desoldering tiptlet



Power Response

Order no.
WXD2020

WXA Hot air station



WXA2010 Set

WXA2 hot air unit, WXHAP200 (200w / 24v) hot air pencil and WDH30 safety rest

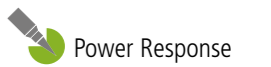
Order no.
WXA2010

WX Soldering stations



WX1010

WX1 power unit with WXP120 soldering iron (120w / 24v) and WDH10 safety rest



Power Response

Order no.
WX1010



WX1011

WX1 power unit with WXMP-MS soldering iron (55w / 12v) and WDH51 safety rest



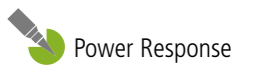
Active Tip

Order no.
WX1011



WX1012

WX1 power unit with WXP65 soldering iron (65w / 24v) and WDH10 safety rest



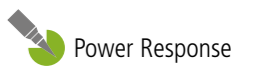
Power Response

Order no.
WX1012



WX2020

WX2 power unit with 2 x WXP120 soldering irons (120w / 24v) and 2 WDH10 safety rests



Power Response

Order no.
WX2020



WX2021

WX2 power unit with WXMP-MS micro soldering iron (55w / 12v) and WDH51 safety rests, WXMT-MS micro desoldering tweezers (2 x 40w / 12v) and WDH60 safety rest



Active Tip

Order no.
WX2021

Weller offers the best tools for every soldering challenge.

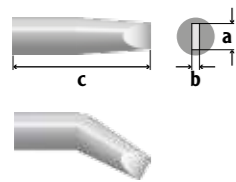


- Fast and easy tip change
- Exceptionally short heat up time
- Energy saving with standby function
- Excellent response time

WXMP-MS micro soldering iron set with RT3-MS tip and WDH51 safety rest

Ideal for delicate and temperature sensitive applications and for use under a microscope; uses ultra fine tips with fastest heat response and best temperature-control; cartridge tips.
40w, 12v (55w with RT 11) | Max. temperature 450°C / 850°F | Order no. T0052921799

Chisel



RT	a mm	b mm	Order no.
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 530°	0.8	0.4	T0054460599

RT MS	a mm	b mm	Order no.
RT 1SCMS	0.4	0.15	T0054461599
RT 1SCNWMS*	0.3	0.1	T0054462671
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	T0054460373

Sloped



Type	a mm	Order no.
RT 6 45°	1.2	T0054460699

* Non-wettable

Type	a mm	Order no.
RT 6MS 45°	1.2	T0054462099

MS tips: separate ground



Maximum flexibility and productivity.
No soldering tip calibration required.

Conical



Type	Øa mm	Order no.
RT 1	0.2	T0054460199
RT 1 NW*	0.1	T0054462599
RT 2	0.8	T0054460299

Type	Øa mm	Order no.
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

Gull wing



Type	a mm	b mm	Order no.
RT 10GW	1.2	2.0	T0054461099

Type	Ø a mm	b mm	Order no.
RT 10GWMS	1.2	2.0	T0054462499

Knife



Type	Ø a mm	Order no.
RT 7 45°	2.2	T0054460799

Type	Ø a mm	Order no.
RT 7MS 45°	2.2	T0054462199

MS tips: separate ground

Measuring tip

Type	Order no.
RT Measuring tip	K1101

MS handles and MS soldering tips have to be used together.
MS soldering tips are for use with MS series handles only (WXMP-MS).
MS tips provide a separate ground.

MS handles for RT MS soldering tips:
T0052921399 WXMP-MS soldering iron
T0052921799 WXMP-MS soldering iron with WDH 51 safety rest



- Fast and easy tip change
- Exceptionally short heat up time
- Energy saving with standby function
- Excellent response time

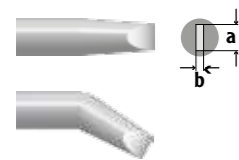


- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time

WXMT-MS micro desoldering tweezers set with tweezers tips RTW2-MS and WDH60 safety rest

Slim tweezers. Ideal for soldering and desoldering very small SMD components.
2 x 40w | 12v | Max. temperature 450°C / 850°F | Order no. T0051320399

Chisel



RTW				RTW-MS			
Type	Ø a mm	b mm	Order no.	Type	Ø a mm	b mm	Order no.
RTW2 45°	0.7	0.4	T0054465299	RTW2MS 45°	0.7	0.4	T0054465799
RTW3 45°	3.0	1.0	T0054465399	RTW3MS 45°	3.0	1.0	T0054465899
RTW4 45°	6.0	1.0	T0054465499	RTW4MS 45°	6.0	1.0	T0054465999
RTW9	3.0	1.0	T0054466699	RTW9MS	3.0	1.0	T0054466999
RTW11	6.0	1.0	T0054466799	RTW11MS	6.0	1.0	T0054467099
RTW10	10.0	1.0	T0054466899	RTW10MS	10.0	1.0	T0054467199
RTW8	1.3	0.4	T0054466499	RTW8MS	1.3	0.4	T0054466599
				RTW7NWMS*	0.8	0.4	T0054466371

Conical



Type	Ø a mm	Order no.	Type	Ø a mm	Order no.
RTW1 45°	0.4	T005 44 651 99	RTW1MS 45°	0.4	T005 44 655 99
RTW6NW* 45°	0.2	T005 44 656 99	RTW6NWMS* 45°	0.2	T005 44 656 71

* Non-wettable

MS tips: separate ground

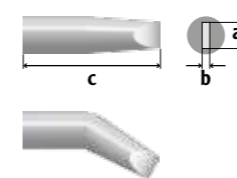
MS handles and MS tweezer cartridges have to be used together.
MS tweezer cartridges are for use with MS handles only.
MS tips provides separate ground.

MS handles for RTW-MS (WXMT-MS) soldering tips:
T0051317999 WXMT-MS tweezer, no tip cartridge
T0051320399 WXMT-MS tweezer with RTW2MS tips and WDH60 safety rest

WXP65 soldering iron set with XNTA tip and WDH10 safety rest

Small fast soldering iron. Suitable for fine soldering jobs with a high heat demand.
65w | 24v | Max. temperature 450°C / 850°F | Order no. T0052921299

Chisel



XNT				Type	Ø a mm	b mm	c mm	Order no.	
XNT 1SCNW*	0.3	0.1	27.0	T0054488199	XNT C	3.2	0.8	27.0	T0054485899
XNT 1SC	0.4	0.15	27.0	T0054486299	XNT D	4.0	0.8	28.0	T0054485399
XNT H	0.8	0.4	28.0	T0054485999	XNT HX 45°	0.8	0.4	36.5	T0054487399
XNT K	1.2	0.4	28.0	T0054486099	XNT 4X 45°	1.2	0.4	34.6	T0054487499
XNT A	1.6	0.4	28.0	T0054485199	XNT AX	1.6	0.8	28.0	T0054486499
XNT 6	1.6	0.4	29.5	T0054485699	XNT BX	2.4	0.8	36.5	T0054488299
XNT B	2.4	0.8	27.0	T0054485799	XNT MX	3.2	0.8	37.5	T0054488399

Sloped



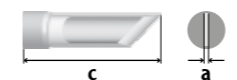
Type	a mm	Order no.	Type	a mm	Order no.
XNT 4	1.2	T0054485599	XNT CC 45°	3.2	T0054488699
XNT AA 45°	1.6	T0054488499	XNT F 45°	1.2	T0054488799
XNT BB 45°	2.4	T0054488599			

Conical



Type	Ø a mm	c mm	Order no.	Type	Ø a mm	c mm	Order no.
XNT 1	0.5	27.0	T0054485099	XNT S	0.4	37.5	T0054486899

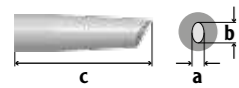
Knife



Type	Ø a mm	c mm	Order no.
XNT KN	2.0	33.0	T0054486399

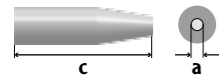
* Non-wettable

Gull wing



XNT		b mm	c mm	Order no.
XNT GW 1		2.0	33.0	T0054485499
XNT GW 2		1.5	27.5	T0054488099

Round



Type	Ø a mm	c mm	Order no.
XNT 1S	0.2	28.5	T0054485299
XNT 1LX	0.2		T0054487299

Type	Ø a mm	c mm	Order no.
XNT 1X	0.4	28.0	T0054486599
XNT 1SLX 45°	0.4	39.5	T0054487599

SMT

Type	Ø a mm	b mm	c mm	Order no.
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 no.
XNT SMT 03	20.8	0.6	7.1	T0054487899

Accessories

Type	Ø a mm	c mm	Order no.
Measuring tip			K1131
XNT Screw M4		26.0	T0054487999

Type	Order no.
Barrel	T0058765758
Barrel for bent tips	T0058765767

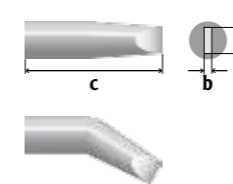


WXP120 soldering iron set with XTB tip and WDH10 safety rest

Versatile 120w iron for demanding applications. Suitable for use on small and large components within applications with a higher heat demand. 120w | 24v | Max. temperature 450°C / 850°F | Order no. T0052920299

- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time

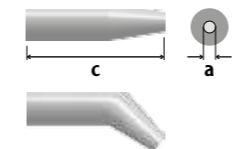
Chisel



XT		Ø a mm	b mm	c mm	Order no.
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
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 SL		2.5	0.8	36.3	T0054473899
XT C		3.2	0.8	36.0	T0054470599

Type	Ø a mm	b mm	c mm	Order no.
XT D	4.6	0.8	34.5	T0054470699
XT CSL	3.2	0.45	36.0	T0054474299
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
XT HX	0.8	0.4	51.5	T0054473799
XT AX 30°	1.6	0,7	51.5	T0054474399
XT BX 30°	2.4	0.8	51.5	T0054474499

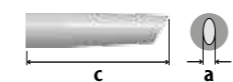
Round



Type	Ø a mm	c mm	Order no.
XT BS	2.4	36.5	T0054471599
XT CS	3.2	36.5	T0054471699

Type	Ø a mm	c mm	Order no.
XT DS	5.0	34.5	T0054471799

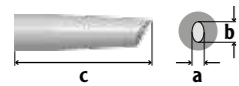
Sloped



Type	a mm	c mm	Order no.
XT F 30°	1.2	36.5	T0054471899
XT AA 60°	1.6	36.5	T0054470899
XT BB 45°	2.4	36.5	T0054470999

Type	a mm	c mm	Order no.
XT CC 45°	3.2	36.5	T0054471099
XT DDH 45°	4.0	40.5	T0054473099
XT AA 60 °	1.6	36.5	T0054470899

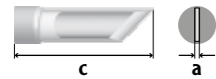
Gull wing



XT				
Type	Ø a mm	b mm	c mm	Order no.
XT GW1	2.3	3.2	36.5	T0054471299
XT GW2	3.5	4.8	36.5	T0054473599

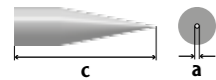
Type	Ø a mm	b mm	c mm	Order no.
XT GW3	0.8	0.9	41.5	T0054473999

Knife



Type	Ø a mm	c mm	Order no.
XT KN 60°	2.0	45.0	T0054471199

Conical



Type	Ø a mm	c mm	Order no.
XT O	1.0	36.5	T0054471499

Soldering head
(SMT blade-style)

Type	a mm	b mm	Order no.
SMT blade soldering head	10.0	4.0	T0054473190
SMT blade soldering head	20.0	4.0	T0054473290
SMT blade soldering head	33.0	4.0	T0054473390
XT soldering head adapter			T0054473499

Accessories

Type	a mm	c mm	Order no.
Measuring tip (for the WXP120)			K1141
XT Adapter M4	36.0		T0054471999
XT Adapter M5	36.0		T0054472099

Type	Order no.
Barrel	WXP120 T0058765711
Barrel for bent tips	WXP120 T0058765766

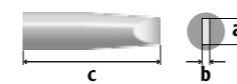


- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time

WXP200 soldering iron set with XHTD tip and WDH31 safety rest

200 watts high power soldering iron. Ideal for those applications with the highest heat demands e.g, LED backpanels or HF shieldings. 200w | 24v | Max. temperature 450°C / 850°F | Order no. T0052920699

Chisel



XHT				
Type	Ø a mm	b mm	c mm	Order no.
XHT C	3.2	1.2	48.0	T0054480499
XHT D	5.0	1.2	48.0	T0054480199

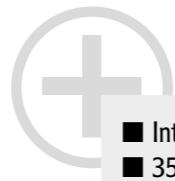
Type	Ø a mm	b mm	c mm	Order no.
XHT E	7.6	1.5	48.0	T0054480299
XHT F	9.3	2.0	48.0	T0054480599

Accessories

Type	a mm	b mm	c mm	Order no.
Barrel				T0058763725



WX compatible



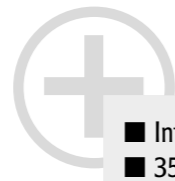
- Intelligent, programmable desoldering iron
- 35 sec. heat up time

WXDP120 desoldering iron set 120W with XDS3 AND XDS5 desoldering tiplets and WDH70 safety rest

The fastest desoldering iron, reaching operating temperature in 35 seconds, it makes the most difficult desoldering challenge easy. Integrated solder collector. 120w | 24v | Max. temperature 450°C / 850°F | Order no. T0051320299



WX compatible



- Intelligent, programmable desoldering iron
- 35 sec. heat up time

WXDV120 desoldering iron set 120W with XDS3 AND XDS5 desoldering tiplets and WDH40 safety rest

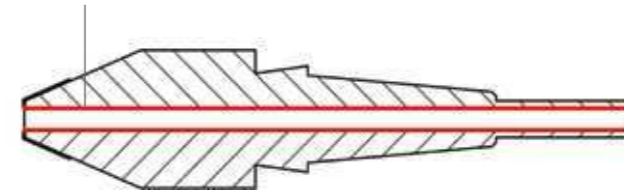
The fastest inline desoldering iron, reaching operating temperature in 35 seconds, it makes the most difficult desoldering challenge easy. Disposable solder collector chamber. 120w | 24v | Max. temperature 450°C / 850°F | Order no. T0051320599

XDSL series desoldering tiplets NEW

For use with the WXDP120 / WXDV120 desoldering iron.



High-quality high-grade stainless-steel liner



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

Model number	Order number	A (ID)	A	B (OD)	B	C (Length)	C
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	

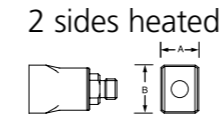


- Extensive range of nozzles to meet every application need
- Powerful 200 Watts design for comfortable and precise operation
- Ideal for working on surface mounted components and suitable for EPA areas.

WXHAP 200 Hot air iron set with R04 AND R06 hot air nozzles and WDH 30 safety rest

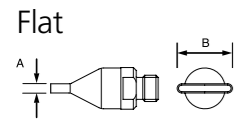
Hot-air iron for soldering SMD devices. The integrated ion trap allows an ionic free air flow.
200 W | 24 V | Max. temperature 550°C / 999°F | Order no. T0052712099

**Hot air nozzle WXHAP 200
2 sides heated (type D,
length X = heated side)**



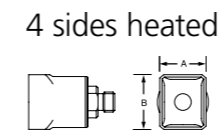
Type	Description	Length X mm	Width Y mm	Order no.
D04	Adapter M6 for HAP 200	10.5	10.5	T0058727779
D06	Flat nozzle	13.0	10.0	T0058727782
D08	Flat nozzle	15.0	10.0	T0058727781
D10	Flat nozzle	18.0	10.0	T0058727784

**Hot-air nozzles
WXHAP 200
Flat nozzle (Typ F)**



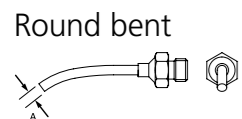
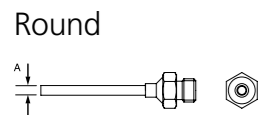
Type	Description	Width A mm	Width B mm	Order no.
	Adapter M6 for HAP 200			T0058761728
F02	Flat nozzle	8.0	1.5	T0058727774
F04	Flat nozzle	10.5	1.5	T0058727773
F06	Flat nozzle	12.0	1.5	T0058727772
FD2	Dual nozzle	1.5	8	T0058727776
FD4	Dual nozzle	1.5	10	T0058727775

**Hot air nozzle WXHAP 200
All 4 sides heated (type Q)**



Type	Description	Length X mm	Width Y mm	Order no.
Q02	Hot air nozzle 4 sides heated	6.0	6.5	T0058727777
Q04	Hot air nozzle 4 sides heated	6.0	9.0	T0058727778
Q06	Hot air nozzle 4 sides heated with pre-heating plate	15.0	10.0	T0058727780
Q08	Hot air nozzle 4 sides heated with pre-heating plate	12.5	15.0	T0058727783
SK709	Hot air nozzle 4 sides heated with pre-heating plate	12.0	12.0	T0058727812
Q10	Hot air nozzle 4 sides heated with pre-heating plate	18.0	18.0	T0058727785
R01	Measuring nozzle for calibration			T0058727808

**Hot-air nozzles
WXHAP 200
Round nozzle (Typ R)**



Type	Description	Ø mm	Distance C mm	Length C mm	Order no.
R02	Round nozzle	0.8			T0058727823
R04	Round nozzle	1.2			T0058727821
R06	Round nozzle	3.0			T0058727822
R10	Round nozzle long	2.0		50	T0058727787
R08	Round nozzle long bent	2.0		50	T0058727786



WX peripheral fume extraction units



Zero-Smog® 4V

Mobile fume extraction unit for large areas, with built-in turbine and pressure regulator for constant volume flow. Up to 4 work places.

Order no.
T0053660299



Zero-Smog® 6V

Mobile fume extraction for large areas, with a built-in turbine. Up to 6 work places.

Order no.
T0053666299



WX peripheral heating plates



WHP1000

Preheating plate 1000w | 120v
Heated surface area: 220 x 150 mm

Order no.
WHP1000



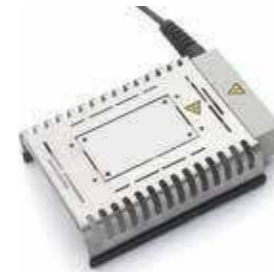
WHP3000, 600 W

Infrared preheating plate 600w | 120v
Heated surface area: 120 x 190 mm

Order no.
WHP3000



WX compatible heating plate



WXHP120

Preheating plate 120 W | 24 V
Heated surface area: 80 x 50 mm

Order no.
T0052702999



WX compatible soldering bath



WXSB200

Soldering bath 200 W | 24 V
Soldering bath size: 58 x 33 x 19 mm

Order no.
T0052704399



WX adapter / accessories



WX Adapter for PC

Order no.
T0058764711



WX Adapter for Zero-Smog® and preheat plates

Order no.
T0058764712



WX Connection cable, 2 m

Order no.
T0058764710



Foot switch WXA | WXD | WXR

Order no.
T0058764746



Features common to all:

- Material touch panels are made of antistatic glass
- Mains supply 120VAC / 60Hz
- USB interface and RS 232 interface
- Temperature stability $\pm 2^{\circ}\text{C}$ ($\pm 4^{\circ}\text{F}$)



WX1
Soldering power unit
170 x 151 x 130 mm (LxWxH)
(6.69 x 5.94 x 5.12 inch)
3.2 kg
Order No. WX1



WX2
Soldering power unit
170 x 151 x 130 mm (LxWxH)
(6.69 x 5.94 x 5.12 inch)
3.2 kg
Order No. WX2



WXD2
Desoldering power unit
170 x 151 x 130 mm (LxWxH)
(6.69 x 5.94 x 5.12 inch)
3.8 kg
Order No. WXD2



WXA2
Hot air power unit
170 x 151 x 130 mm (LxWxH)
(6.69 x 5.94 x 5.12 inch)
3.8 kg
Order No. WXA2



WXR3 NEW
Rework power unit
273 x 235 x 102 mm (LxWxH)
(10.75 x 9.25 x 4.02 inch)
6.7 kg
Order No. WXR3

Power consumption

200w (255w)
420w (600w)

Temperature range (adjustable*)

Sold./Desold. 100°C – 450°C (200°F – 850°F)*
Hot air pencil 100°C – 550°C (200°F – 999°F)*
* Adjustable temperature range varies among tools

Temperature accuracy

Soldering $\pm 9^{\circ}\text{C}$ ($\pm 17^{\circ}\text{F}$)
WXHAP200 Hot air pencil $\pm 30^{\circ}\text{C}$ ($\pm 54^{\circ}\text{F}$)
Desoldering $\pm 9^{\circ}\text{C}$ ($\pm 17^{\circ}\text{F}$)

Temperature stability $\pm 6^{\circ}\text{C}$ ($\pm 10^{\circ}\text{F}$)

Air flow rate

35 l/min
0 – 20 l/min.

Pressure

Inlet pressure 4–6 bar
(58 – 87 psi), oil-free, dry compressed air
Inlet pressure, 4–6 bar (58–87 psi), oil-free,
dry compressed air or nitrogen (N2)

Pump

Intermittant mode: max. hot air 15 l/min
Intermittant mode: max. vac. 0.7 bar,
delivery rate 18 l/min
Max. vacuum 0.5 bar, max. delivery rate 1.7 l/min

	WX1	WX2	WXD2	WXA2	WXR3
Power consumption					
200w (255w)	[Blue bar]				
420w (600w)					[Blue bar]
Temperature range (adjustable*)					
Sold./Desold. 100°C – 450°C (200°F – 850°F)*	[Blue bar]				
Hot air pencil 100°C – 550°C (200°F – 999°F)*					[Blue bar]
Temperature accuracy					
Soldering $\pm 9^{\circ}\text{C}$ ($\pm 17^{\circ}\text{F}$)	[Blue bar]				
WXHAP200 Hot air pencil $\pm 30^{\circ}\text{C}$ ($\pm 54^{\circ}\text{F}$)					[Blue bar]
Desoldering $\pm 9^{\circ}\text{C}$ ($\pm 17^{\circ}\text{F}$)			[Blue bar]		[Blue bar]
Temperature stability $\pm 6^{\circ}\text{C}$ ($\pm 10^{\circ}\text{F}$)	[Blue bar]				
Air flow rate					
35 l/min					
0 – 20 l/min.				[Blue bar]	
Pressure					
Inlet pressure 4–6 bar (58 – 87 psi), oil-free, dry compressed air			[Blue bar]		
Inlet pressure, 4–6 bar (58–87 psi), oil-free, dry compressed air or nitrogen (N2)				[Blue bar]	
Pump					
Intermittant mode: max. hot air 15 l/min				[Blue bar]	
Intermittant mode: max. vac. 0.7 bar, delivery rate 18 l/min			[Blue bar]		
Max. vacuum 0.5 bar, max. delivery rate 1.7 l/min					[Blue bar]



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ATG-1908 | ITEM No. T550938 | 7.5m 3/15 RRD | Specifications subject to change without notice.

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