



WXTEAM



One platform – up to every challenge

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ELECTRONICS

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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.

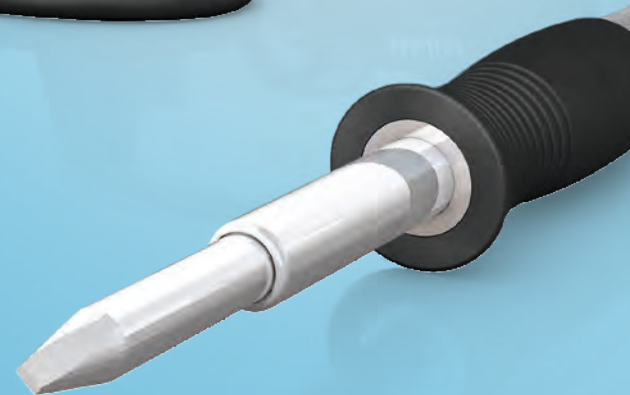
TWO STATIONS – MANY ADVANTAGES

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.

WX 2



WX 1



ADVANTAGES AT A GLANCE



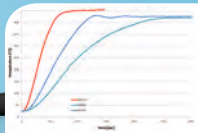
Visual process control through LED signal function

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 $\pm 2^{\circ}\text{C}$ / $\pm 4^{\circ}\text{F}$ and a temperature accuracy of $\pm 9^{\circ}\text{C}$ / $\pm 17^{\circ}\text{F}$, 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
WXPP / WXPP-MS Pico Soldering Irons
WXMP / WXMP-MS Micro Soldering Irons
WXUP-MS Ultra Soldering Irons
WXMT-MS Micro desoldering tweezers
WXHP120 Preheat plate
WXSBB200 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!

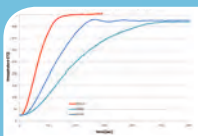
With a heating time of 35 seconds, the WXD120 and WXDV120 desoldering irons set a new standard for high-performance desoldering. Thanks to the dual channel soldering station and WXD2 desoldering station, coupled with the high-power pencil (WXP120) or inline (WXDV120) desoldering irons, you can tackle 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
WXPP / WXPP-MS Pico Soldering Irons
WXMP / WXMP-MS Micro Soldering Irons
WXUP-MS Ultra Soldering Irons
WXMT-MS Micro desoldering tweezers
WXHP120 Pre-heating plate
WXSB200 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
WXPP / WXPP-MS Pico Soldering Irons
WXMP / WXMP-MS Micro Soldering Irons
WXUP-MS Ultra Soldering Irons
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.



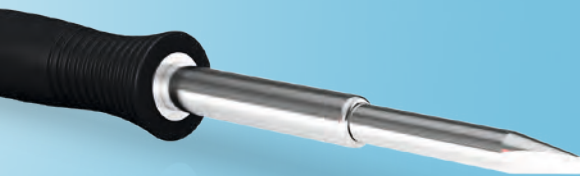
Totally self-contained

2 internal pumps provide the sources for hot air, desoldering vacuum and a vacuum pick up 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
WXPP / WXPP-MS Pico Soldering Irons
WXMP / WXMP-MS Micro Soldering Irons
WXUP-MS Ultra Soldering Irons
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

TRACEABILITY

Traceable Process Control.

The following workflow diagram depicts a serial number with bar code integrated PCB production using the Weller WX station. The workflow includes the interactivity of the operator and the dialog of the Traceability System with the WX-Station.

TRACEABILITY WORKFLOW

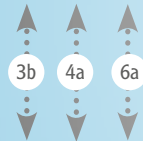
CUSTOMER



2

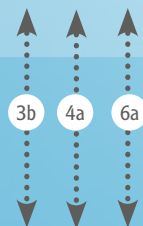
TRACEABILITY SYSTEM

ERP MES CONTROL SYSTEM



XML
Unit Data

WELLER



TRACEABILITY INTERFACE
RS 232, USB

EQUIPMENT



4b



TRACEability

Weller *qualified*



1. Begin processing of product:
Scan PCB or product to be soldered.
2. Transmission of data to the Traceability System.
- 3.a. Prepare WX station: the Traceability System delivers process parameter selection data.



- 3.b. Parameterization of the WX station
Process parameter lock out: Auto tool temperature set and lock out.



- 4.a. Optional Control: Process control:
Error or O.K.
- 4.b. Visual process control via Weller LED ring light on the iron.

5. Begin soldering of product with
WX station (Equipment).

- 6.a. Monitor during soldering process:
Success control.

- 6.b. unitData: Transmission of soldering
process data. (XML-File).

unit Data

OUT



WX TOOL SELECTION

AND COMPATIBILITY MATRIX

WXP 65 SET | 65 W SOLDERING IRON Soldering iron for fine soldering work with increased heat demand. T0052920999N

WXP 80 SET | 80 W SOLDERING IRON For universal soldering tasks. T0052920999N

WXP 90 SET / 90 W Hybrid Soldering Iron heating and recovery times and optimum heat transfer.

WXP 120 SET | 120 W SOLDERING IRON for soldering work, from small to large components with high heat demand.

WXP 200 | 200 W SOLDERING IRON The ideal for Soldering work with increased heat demand, e.g. for high power components. T0052920999N

WXPP PICO SOLDERING IRON / 40 W High precision soldering iron, also available as MS version, handpiece. T0052922699, also available as MS version, handpiece.

WXMP SET | 40 W (55W MAX.) MICRO-SOLDERING IRON for standard components, wide range of geometries and sizes. T0052922699

WXUP-MS ULTRA SOLDERING IRON / 15 W for small components. LED soldering, solar technology, multi-layer boards. T0052922699

WXMT SET | 2 X 40 W MICRO DESOLDERING IRON for soldering and desoldering work with increased heat requirements, e.g. for high power components. T0052922699

WXDP 120 SET | 120 W DESOLDERING IRON for the most difficult soldering challenges. With integrated collection container. T0052922699

WXDV120 SET | 120 W DESOLDERING IRON for difficult to cope with. Integrated tin collection container in the handle. T0052922699

WXHAP 200 SET | 200 W HOT AIR IRON For high power components. The ion trap ensures that the hot air flowing out is free of static charge. T0052922699

WRK | REFLOWSET T0058761730N

WVP | VAKUUM PICK-UP T0052918499N


WXHP 120 | 120 W PREHEATING PLATE for high power, for applications on multilayer and large mass products. T0052918499N

WXSB 200 | 200 W SOLDER BATH Soldering bath for the preparation of strands... T0052918499N

ZERO SMOG® 4V Extraction unit for volume extraction for up to 4 workstations. T0052918499N

YouTube

Weller
FT ZERO SMOG Series

		200 W (255 W)	200 W (255 W)	200 W (255 W)	420 W (600 W)
		 WX1 1-channel soldering station T0053417699N	 WX2 2-channel soldering station T0053420699N	 WXD2 3-channel soldering, desoldering and hot air station T0053426699N	 WXR3 3-channel soldering, desoldering and hot air station T0053500699N
Active Tip 	Power Response 	Silver Line 			
Small, fast soldering iron with 65 Watt suitable for LED backplanes. T0052921299N		✓	✓	✓	✓
		✓	✓	✓	✓
Power Soldering iron with extremely short heat transfer. T0052922599N		✓	✓	✓	✓
Universal All-rounder with 120 Watt, can be used for high heat requirements. T0052920299N		✓	✓	✓	✓
One of the most powerful soldering iron among the WX tools. Suitable for LED backplanes or HF shielding. T0052920599N		✓	✓	✓	✓
High performance for smallest components without soldering tip.		✓	✓	✓	✓
ACTIVE TIP IRON High performance active tips for micro and nano soldering. T0052920499N MS version available.		✓	✓	✓	✓
120 W Designed for heavy duty applications and large boards. Handpiece without soldering tip. T0052923099N		✓	✓	✓	✓
ACTIVE TIP TWEEZERS Powerful micro desoldering tweezers. Ideal for desoldering, for LED backplanes OR HF SHIELDING. T0051317899N		✓	✓	✓	✓
IRON Fastest desoldering iron in the world. Heats up in 35 seconds. Suitable for horizontal working position. T0051320299N				✓	✓
IRON Fastest Inline Desoldering Iron. Creates tasks that are easy to handle - for vertical working position. T0051320599N				✓	✓
For soldering surface-mounted components. T0052712099N					✓
					✓
					✓
Small preheat plate, 120 W with increased heating for printed circuit boards, 80 x 50 mm. T0052702999N		✓	✓	✓	✓
T0052704399N		✓	✓	✓	✓
For various applications. T0053660699N		✓	✓	✓	✓

Overview WX Sets



WXR Rework stations



WXR3001 Set

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

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

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

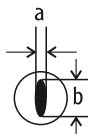
Order no.
WX2021

RT Pico

- + High performance tips for the smallest components:
0402 down to 01005
- + Short tip-to-grip distance
- + MIL-SPEC / IPC standard (potential free, MS versions)



CHISEL










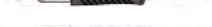
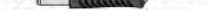



For use with



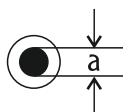
Soldering Iron: WXPP
WXPP MS







Station: WX

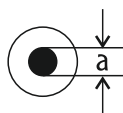
Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 002 S		40	WXPP	WSR 208	17.0 0.669	0.2 / 0.1 0.008 / 0.004	T0050103999
RTP 002 S MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	16.3 0.642	0.2 / 0.1 0.008 / 0.004	T0050102199
RTP 002 S NW		40	WXPP	WSR 208	17.0 0.669	0.2 / 0.1 0.008 / 0.004	T0050104099
RTP 002 S NW MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	16.3 0.642	0.2 / 0.1 0.008 / 0.004	T0050102299
RTP 004 S		40	WXPP	WSR 208	17.0 0.669	0.4 / 0.2 0.016 / 0.008	T0050104199
RTP 004 S MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	16.3 0.642	0.4 / 0.2 0.016 / 0.008	T0050102399
RTP 008 S		40	WXPP	WSR 208	17.0 0.669	0.8 / 0.3 0.031 / 0.012	T0050104299
RTP 008 S MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	16.3 0.642	0.8 / 0.3 0.031 / 0.012	T0050102499
RTP 010 S		40	WXPP	WSR 208	17.0 0.669	1.0 / 0.3 0.039 / 0.012	T0050104399
RTP 010 S MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	16.3 0.642	1.0 / 0.3 0.039 / 0.012	T0050102599
RTP 013 S		40	WXPP	WSR 208	17.0 0.669	1.3 / 0.3 0.051 / 0.012	T0050104499
RTP 013 S MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	16.3 0.642	1.3 / 0.3 0.051 / 0.012	T0050102699




BEVEL CUT



Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 004 B		40	WXPP	WSR 208	17.0 0.669	0.4 0.016	T0050103799
RTP 004 B MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	16.3 0.642	0.4 0.016	T0050101999
RTP 012 B		40	WXPP	WSR 208	17.0 0.669	1.2 0.047	T0050103899
RTP 012 B MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	16.3 0.642	1.2 0.047	T0050102099

CONICAL



Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 001 C		40	WXPP	WSR 208	18.5 0.728	0.1 0.004	T0050103199
RTP 001 C MS	MIL-SPEC VERSION AVAILABLE 	40	WXPP MS	WSR 208	17.9 0.705	0.1 0.004	T0050101399
RTP 001 C NW		40	WXPP	WSR 208	18.5 0.728	0.1 0.004	T0050103299

SOLDERING IRONS

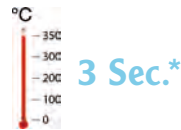
WXPP
40 W
T0052922699



WXPP MS
40 W
T0052922899



Heat up time



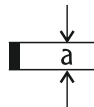
*from 50°C to 350°C / 120°F to 620°F

Component size



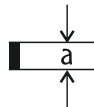
Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 001 C NW MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	17.9 0.705	0.1 0.004	T0050101499
RTP 002 C		40	WXPP	WSR 208	17.0 0.669	0.2 0.008	T0050103399
RTP 002 C MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	16.3 0.642	0.2 0.008	T0050101599
RTP 004 C		40	WXPP	WSR 208	17.0 0.669	0.4 0.016	T0050103499
RTP 004 C MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	16.3 0.642	0.4 0.016	T0050101699
RTP 001 C X		40	WXPP	WSR 208	21.3 0.839	0.1 0.004	T0050103599
RTP 001 C X MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	20.6 0.811	0.1 0.004	T0050101799
RTP 002 C X		40	WXPP	WSR 208	21.3 0.839	0.2 0.008	T0050103699
RTP 002 C X MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	20.6 0.811	0.2 0.008	T0050101899

GULLWING



Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 020 G		40	WXPP	WSR 208	16.6 0.654	2.0 0.079	T0050104899
RTP 020 G MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	15.9 0.626	2.0 0.079	T0050103099

KNIFE



Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 010 K		40	WXPP	WSR 208	16.3 0.642	1.0 / 0.2 0.039 / 0.008	T0050104599
RTP 010 K MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	15.9 0.626	1.0 / 0.2 0.039 / 0.008	T0050102799
RTP 010 K NW		40	WXPP	WSR 208	16.6 0.654	1.0 / 0.2 0.039 / 0.008	T0050104699
RTP 010 K NW MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	15.9 0.626	1.0 / 0.2 0.039 / 0.008	T0050102899
RTP 025 K		40	WXPP	WSR 208	18.0 0.709	2.5 / 0.3 0.098 / 0.012	T0050104799
RTP 025 K MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	17.3 0.681	2.5 / 0.3 0.098 / 0.012	T0050102999

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

Make no compromise in high-end soldering.

Find your perfect RT Pico tips here:

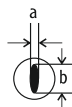
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RT Micro

- + High performance active tips for micro and standard components
- + Covers the widest range of geometries and sizes
- + MIL-SPEC / IPC standard (potential free, MS versions)
- + Please note the new names of some RT Micro active tips



CHISEL



For use with



Soldering Iron: WXMP
WXMP MS
WMRP
WMRP MS

+



Station: WX

or



Station: WT

New name	Old name		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTM 003 S	RT 15C03		40	WXMP	WSR 200	19.0 0.748	0.3 / 0.15 0.012 / 0.006	T0054461270N
RTM 003 S NW	RT 15CNW		40	WXMP	WSR 200	19.0 0.748	0.3 / 0.1 0.012 / 0.004	T0054462699N
RTM 003 S NW MS	RT 15CNWMS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	19.0 0.748	0.3 / 0.1 0.012 / 0.004	T0054462671N
RTM 004 S	RT 15C		40	WXMP	WSR 200	19.0 0.748	0.4 / 0.15 0.016 / 0.06	T0054461299N
RTM 004 S MS	RT 15CMS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	19.0 0.748	0.4 / 0.15 0.016 / 0.06	T0054461599N
RTM 006 S MS		MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	23.0 0.906	0.6 / 0.4 0.024 / 0.016	T0050100499
RTM 008 S	RT 9		40	WXMP	WSR 200	23.0 0.906	0.8 / 0.4 0.031 / 0.016	T0054460999N
RTM 008 S MS	RT 9MS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	23.0 0.906	0.8 / 0.4 0.031 / 0.016	T0054462399N
RTM 008 S X	RT 5 30°		40	WXMP	WSR 200	23.0 0.906	0.8 / 0.4 0.031 / 0.016	T0054460599N
RTM 008 S X MS	RT 5MS 30°	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	23.0 0.906	0.8 / 0.4 0.031 / 0.016	T0054461999N
RTM 010 S			40	WXMP	WSR 200	18.0 0.709	1.0 / 0.3 0.039 / 0.012	T0050100599
RTM 010 S MS		MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.0 0.709	1.0 / 0.3 0.039 / 0.012	T0050100699
RTM 013 S	RT 3		40	WXMP	WSR 200	19.0 0.748	1.3 / 0.4 0.051 / 0.016	T0054460399N
RTM 013 S MS	RT 3MS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	19.0 0.748	1.3 / 0.4 0.051 / 0.016	T0054461699N
RTM 013 S X	RT 3X 30°		40	WXMP	WSR 200	28.0 1.102	1.3 / 0.5 0.051 / 0.019	T0054460371N
RTM 013 S X MS	RT 3XMS 30°	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	28.0 1.102	1.3 / 0.5 0.051 / 0.019	T0054460373N
RTM 015 S	RT 4		40	WXMP	WSR 200	18.0 0.709	1.5 / 0.4 0.059 / 0.016	T0054460499N
RTM 015 S MS	RT 4MS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.0 0.709	1.5 / 0.4 0.059 / 0.016	T0054461899N



SOLDERING IRONS

WXMP
40 W (55W)
T0052920399N



WXMP MS
40 W (55W)
T0052921399N



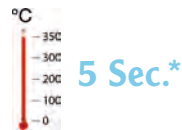
WMP
40 W (55W)
T0052917199N



WMP MS
40 W (55W)
T0052919299N



Heat up time



*from 50°C to 350°C / 120°F to 620°F

Component size



New name	Old name		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTM 018 S			40	WXMP	WSR 200	18.0 0.709	1.8 / 0.4 0.071 / 0.016	T0050100799
RTM 018 S MS		MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.0 0.709	1.8 / 0.4 0.071 / 0.016	T0050100899
RTM 022 S	RT 8		40	WXMP	WSR 200	18.0 0.709	2.2 / 0.4 0.087 / 0.016	T0054460899N
RTM 022 S MS	RT 8MS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.0 0.709	2.2 / 0.4 0.087 / 0.016	T0054462299N
RTM 032 S			55	WXMP	WSR 200	17.5 0.689	3.2 / 0.9 0.126 / 0.035	T0050100999
RTM 032 S MS		MIL-SPEC VERSION AVAILABLE 	55	WXMP MS	WSR 200	17.5 0.689	3.2 / 0.9 0.126 / 0.035	T0050101099
RTM 036 S	RT 11		40	WXMP	WSR 200	18.0 0.709	3.6 / 0.9 0.141 / 0.035	T0054461199N
RTM 036 S MS	RT 11MS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.0 0.709	3.6 / 0.9 0.141 / 0.035	T0054463199N

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MS tips provide a separate ground.

Make no compromise in high-end soldering.

Find your perfect RT Micro tips here:

www.weller-tools.com/nocompromise

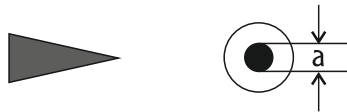
RT Micro

BEVEL CUT



New name	Old name		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTM 004 B			40	WXMP	WSR 200	18.5 0.728	0.4 0.016	T0050100299
RTM 004 B MS		MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.5 0.728	0.4 0.016	T0050100399
RTM 012 B	RT 6 45°		40	WXMP	WSR 200	18.0 0.709	1.2 0.047	T0054460699N
RTM 012 B MS	RT 6MS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.0 0.709	1.2 0.047	T0054462099N

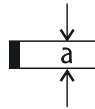
CONICAL



New name	Old name		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTM 001 C NW	RT 1NW		40	WXMP	WSR 200	19.0 0.748	0.1 0.004	T0054462599N
RTM 001 C NW MS	RT 1NWMS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	19.0 0.748	0.1 0.004	T0054462571N
RTM 002 C	RT 1		40	WXMP	WSR 200	19.0 0.748	0.2 0.008	T0054460199N
RTM 002 C MS	RT 1MS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	19.0 0.748	0.2 0.008	T0054461499N
RTM 002 C L			40	WXMP	WSR 200	18.7 0.736	0.2 0.008	T0050100099
RTM 002 C L MS		MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.7 0.736	0.2 0.008	T0050100199
RTM 004 C X MS	RT 12 MS 30°	MIL-SPEC VERSION AVAILABLE 	40	WXMP	WSR 200	26.0 1.024	0.4 0.016	T0054463399N
RTM 005 C X MS	RT 12 MS 25°	MIL-SPEC VERSION AVAILABLE 	40	WXMP	WSR 200	26.0 1.024	0.5 0.019	T0054463299N
RTM 008 C	RT 2		40	WXMP	WSR 200	18.0 0.709	0.8 0.031	T0054460299N
RTM 008 C MS	RT 2MS	MIL-SPEC VERSION AVAILABLE 	40	WXMP MS	WSR 200	18.0 0.709	0.8 0.031	T0054461799N

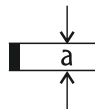


GULLWING



New name	Old name		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTM 020 G	RT 10GW	•	40	WXMP	WSR 200	20.0 0.787	2.0 / 1.2 0.079 / 0.047	T0054461099N
RTM 020 G MS	RT 10GWMS	•	40	WXMP MS	WSR 200	20.0 0.787	2.0 / 1.2 0.079 / 0.047	T0054462499N

KNIFE



New name	Old name		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTM 025 K			40	WXMP	WSR 200	19.0 0.748	2.5 / 0.3 0.098 / 0.012	T0050101199
RTM 025 K MS		MIL-SPEC VERSION AVAILABLE	40	WXMP MS	WSR 200	19.0 0.748	2.5 / 0.3 0.098 / 0.012	T0050101299
RTM 022 K	RT 7 SK1480		40	WXMP	WSR 200	19.0 0.748	2.2 0.087	T0054460772N
RTM 030 K	RT 7 45°		40	WXMP	WSR 200	19.0 0.748	3.0 0.018	T0054460799N
RTM 030 K MS	RT 7MS 45°	MIL-SPEC VERSION AVAILABLE	40	WXMP MS	WSR 200	19.0 0.748	3.0 0.018	T0054462199N

MEASURING TIP

New name	Old name		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTM Measuring tip	RT Measuring tip	•	40		WSR 200	26.0 1.024		T0054461399N

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

Make no compromise in high-end soldering.

Find your perfect RT Micro tips here:

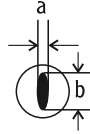
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RT Ultra

- + Designed for heavy duty applications and large components
- + Thermal Core Technology for optimized heat transfer
- + MIL-SPEC / IPC standard



CHISEL



For use with



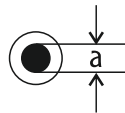
Soldering Iron: WXUP MS



Station: WX

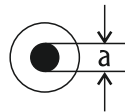
Model			Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 015 S MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	28.0 1.102	1.5 / 0.4 0.059 / 0.016	T0050105899
RTU 022 S MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	28.0 1.102	2.2 / 0.6 0.087 / 0.024	T0050105999
RTU 032 S MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	27.5 1.083	3.2 / 0.8 0.126 / 0.031	T0050106099
RTU 032 S L MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	34.0 1.339	3.2 / 0.8 0.126 / 0.031	T0050106199
RTU 050 S MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	27.5 1.083	5.0 / 1.2 0.197 / 0.047	T0050106299
RTU 076 S MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	28.0 1.102	7.6 / 1.5 0.299 / 0.059	T0050106399
RTU 093 S MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	28.0 1.102	9.3 / 2.0 0.366 / 0.079	T0050106499

BEVEL CUT



Model			Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 020 B MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	29.0 1.142	2.0 0.079	T0050105599
RTU 035 B MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	29.0 1.142	3.5 0.138	T0050105699
RTU 050 B MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	30.0 1.181	5.0 0.197	T0050105799

CONICAL



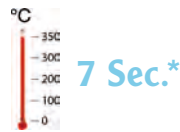
Model			Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 004 C MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	27.5 1.083	0.4 0.016	T0050104999
RTU 008 C MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	29.0 1.142	0.8 0.031	T0050105099
RTU 016 C MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	27.5 1.083	1.6 0.063	T0050105199

SOLDERING IRON

WXUP MS
150 W
T0052923099



Heating up time



*from 50°C to 350°C / 120°F to 620°F

Component size

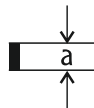


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Model			Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 004 C X MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	39.2 1.543	0.4 0.016	T0050105299
RTU 008 C X MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	39.2 1.543	0.8 0.031	T0050105399
RTU 016 C X MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	39.2 1.543	1.6 0.063	T0050105499

GULLWING



Model			Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 020 G MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	28.0 1.102	2.0 / 1.3 0.079 / 0.051	T0050106599

BLADE



Model			Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 100 K MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	27.0 1.063	10.0 / 1.5 0.394 / 0.059	T0050106699
RTU 160 K MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	27.0 1.063	16.0 / 1.5 0.630 / 0.059	T0050106799
RTU 200 K MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	27.0 1.063	20.0 / 1.5 0.787 / 0.059	T0050106899
RTU 330 K MS	MIL-SPEC VERSION AVAILABLE		150	WXUP MS	WSR 200	27.0 1.063	33.0 / 1.5 1.299 / 0.059	T0050106999

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

Make no compromise in high-end soldering.

Find your perfect RT Ultra tips here:

www.weller-tools.com/nocompromise



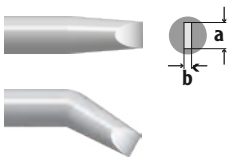
- Fast and easy tip change
- Exceptionally short heat up time
- Energy saving with standby function
- Excellent response time



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	Ø a mm	b mm	Order no.
RTW2 45°	0.7	0.4	T0054465299
RTW3 45°	3.0	1.0	T0054465399
RTW4 45°	6.0	1.0	T0054465499
RTW9	3.0	1.0	T0054466699
RTW11	6.0	1.0	T0054466799
RTW10	10.0	1.0	T0054466899
RTW8	1.3	0.4	T0054466499

RTW-MS	Ø a mm	b mm	Order no.
RTW2MS 45°	0.7	0.4	T0054465799
RTW3MS 45°	3.0	1.0	T0054465899
RTW4MS 45°	6.0	1.0	T0054465999
RTW9MS	3.0	1.0	T0054466999
RTW11MS	6.0	1.0	T0054467099
RTW10MS	10.0	1.0	T0054467199
RTW8MS	1.3	0.4	T0054466599
RTW7NWMS*	0.8	0.4	T0054466371

Conical



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

Type	Ø a mm	Order no.
RTW1MS 45°	0.4	T005 44 655 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

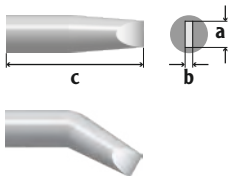


- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time

WXP90 Hybrid soldering iron

Soldering iron with extremely short heating and recovery times and optimum heat transfer
90w | 24v | max. temperature 450°C / 850°F |
Order no. T0052922599N

Chisel



XNT	Ø a mm	b mm	c mm	Order no.
XNT 1SCNW*	0.3	0.1	27.0	T0054488199
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 no.
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	1.6	0.8	28.0	T0054486499
XNT BX	2.4	0.8	36.5	T0054488299
XNT MX	3.2	0.8	37.5	T0054488399

Sloped



Type	a mm	Order no.
XNT 4	1.2	T0054485599
XNT AA 45°	1.6	T0054488499
XNT BB 45°	2.4	T0054488599

Type	a mm	Order no.
XNT CC 45°	3.2	T0054488699
XNT F 45°	1.2	T0054488799

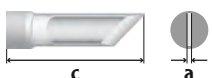
Conical



Type	Ø a mm	c mm	Order no.
XNT 1	0.5	27.0	T0054485099

Type	Ø a mm	c mm	Order no.
XNT S	0.4	37.5	T0054486899

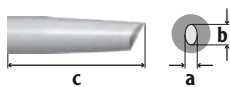
Knife





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

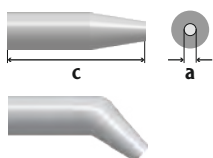
* Non-wettable

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



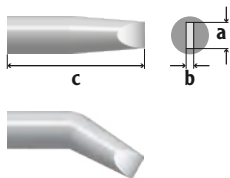
- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time



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

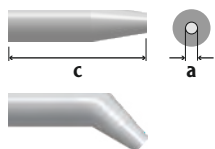
Chisel



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

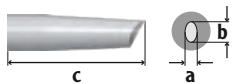
Sloped



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

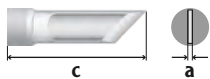
Gull wing



XT	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

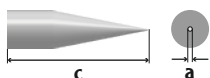
Type	Ø a mm	b mm	c mm	Order no.
XT GW3	0.8	0.9	41.5	T0054473999

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

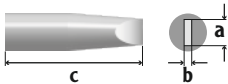


- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time

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 shiel-dings. 200w | 24v | Max. temperature 450°C / 850°F | Order no. T0052920699

Chisel



XHT	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



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



WXDP120 desoldering iron set 120W with XDS3 AND XDS5 desoldering tiptlets 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



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



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

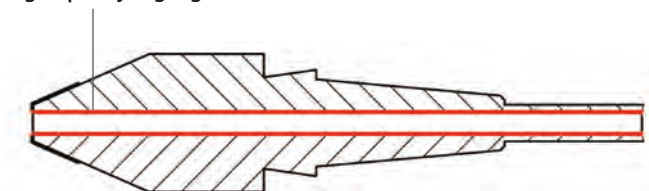
The fastest inline desoldering iron, reaching operating temperature in 35 seconds, it makes the most difficult desoldering challenge easy. Disposable solder collector chamber. 120w | 24v | Max. temperature 450°C / 850°F | Order no. T0051320599

XDSL series desoldering tiptlets NEW













For use with the WXDP120 / WXDV120 desoldering iron.



High-quality high-grade stainless-steel liner



- Extended shaft tiptlets deposit molten solder directly into the solder collection tube
- Easy change tiptlet design
- Stainless-steel tube liner for maximum durability
- Minimize tip cleaning time by changing the tiptlet and suction path simultaneously
- Optimized at the lowest temperature, tiptlet 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	

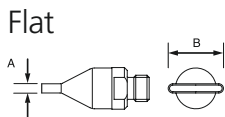


- Extensive range of nozzles to meet every application need
- Powerful 200 Watts design for comfortable and precise operation
- Ideal for working on surface mounted components and suitable for EPA areas.

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

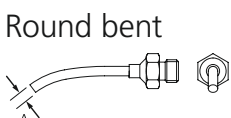
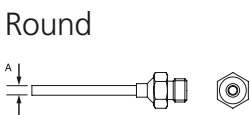
Hot-air iron for soldering SMD devices. The integrated ion trap allows an ionic free air flow.
200 W | 24 V | Max. temperature 550°C / 999°F | Order no. T0052712099

Hot-air 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

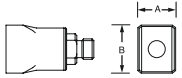
Hot-air nozzles WXHAP 200 Round nozzle (Typ R)



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

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

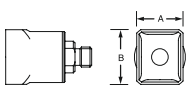
2 sides heated



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 nozzle WXHAP 200
All 4 sides heated (type Q)

4 sides heated



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



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



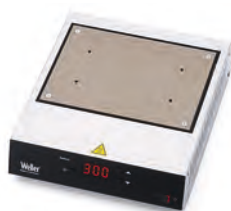
Zero-Smog® 6V

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



WX Hub WX compatible

Order no.
T0058764726N



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

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



	WX1	WX2	WXD2	WXA2	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)*					
<small>* Adjustable temperature range varies among tools</small>					
Temperature accuracy					
Soldering ± 9°C (± 17°F)					
WXHAP200 Hot air pencil ± 30°C (± 54°F)					
Desoldering ± 9°C (± 17°F)					
Temperature stability ± 6°C (± 10° 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					



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