



# WXTEAM

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.



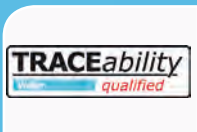
## Integrated memory

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.

WX 2



WX 1





## ADVANTAGES AT A GLANCE



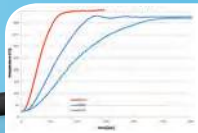
### Visual process control through LED signal function

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.



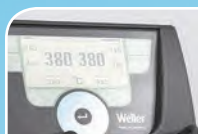
### Quick heating time

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!

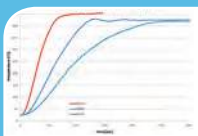
With a heating time of 35 seconds, the WXDP120 and WXDV120 desoldering irons set a new standard for high-performance desoldering. Thanks to the dual channel soldering station and WXD2 desoldering station, coupled with the high-power pencil (WXDP120) or inline (WXDV120) desoldering irons, you can tackle 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  
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  
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



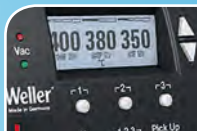
### Power and class

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.



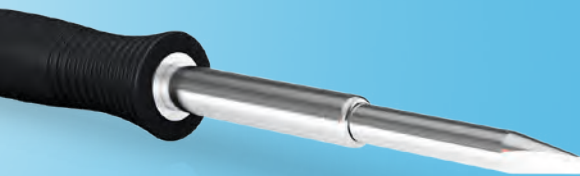
### Totally self-contained

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

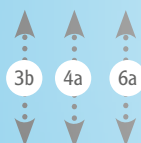
#### CUSTOMER



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** For fast heating and recovery times and optimum heat transfer. T0052920999N

**WXP 120 SET | 120 W SOLDERING IRON** For universal soldering work, from small to large components with high heat demand. T0052920999N

**WXP 200 | 200 W SOLDERING IRON** The universal soldering iron. Ideal for Soldering work with increased heat demand, e.g. for large components. T0052920999N

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

**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 fine 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 large 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 hot air soldering. 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 preheating 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

FT ZERO SMOG Series

|                                                                                                                                          |                                                                                                  | 200 W (255 W)                                                                                                                                  | 200 W (255 W)                                                                                                                                  | 200 W (255 W)                                                                                                                                                                 | 420 W (600 W)                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                          |                                                                                                  | <br><b>WX1</b><br>1-channel soldering station<br>T0053417699N | <br><b>WX2</b><br>2-channel soldering station<br>T0053420699N | <br><b>WXD2</b><br>3-channel soldering,<br>desoldering and hot air station<br>T0053426699N | <br><b>WXR3</b><br>3-channel soldering,<br>desoldering and hot air station<br>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.                                                                          |                 |                                                                                                                                                | ✓                                                                                                                                              | ✓                                                                                                                                                                             | ✓                                                                                                                                                                             |
| <b>ACTIVE IRON</b> High performance active tips for micro and nano soldering. T0052920499N MS version available.                         |                |                                                                                                                                                | ✓                                                                                                                                              | ✓                                                                                                                                                                             | ✓                                                                                                                                                                             |
| <b>50 W</b> Designed for heavy duty applications and large boards. Handpiece without soldering tip. T0052923099N                         |               |                                                                                                                                                | ✓                                                                                                                                              | ✓                                                                                                                                                                             | ✓                                                                                                                                                                             |
| <b>DESOLDERING TWEEZERS</b> Powerful micro desoldering tweezers. Ideal for desoldering, for LED backplanes OR HF SHIELDING. T0051317899N |               |                                                                                                                                                | ✓                                                                                                                                              | ✓                                                                                                                                                                             | ✓                                                                                                                                                                             |
| <b>IRON</b> Fastest desoldering iron in the world. Heats up in 35 seconds. Suitable for horizontal working position. T0051320299N        |                                                                                                  |                                                                                                                                                |                                                                                                                                                | ✓                                                                                                                                                                             | ✓                                                                                                                                                                             |
| <b>IRON</b> 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 triplet

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 triplet



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

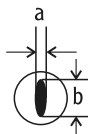
Order no.  
WX2021

## 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



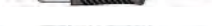
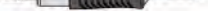
For use with



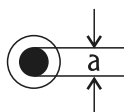
Soldering Iron: WXPP  
WXPP MS



Station: WX

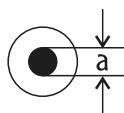
| Model           |                                                                                                                      | Watt | Soldering Iron | Safety Rests | Length (mm)<br>(inch.) | a / b (mm)<br>(inch.)      | Order No.   |
|-----------------|---------------------------------------------------------------------------------------------------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

### BEVEL CUT



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

### CONICAL



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

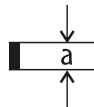


### Component size



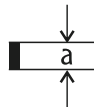
| Model           |                               | Watt | Soldering Iron | Safety Rests | Length (mm)<br>(inch.) | a / b (mm)<br>(inch.) | Order No.   |
|-----------------|-------------------------------|------|----------------|--------------|------------------------|-----------------------|-------------|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

### GULLWING



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

### KNIFE



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

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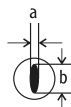
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## RT Micro

- + 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



Station: WT

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





## SOLDERING IRONS

**WXMP**  
40 W (55W)  
T0052920399N



**WXMP MS**  
40 W (55W)  
T0052921399N



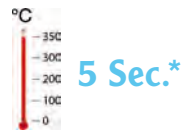
**WMPR**  
40 W (55W)  
T0052917199N



**WMPR 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)<br>(inch.) | a / b (mm)<br>(inch.)      | Order No.    |
|---------------------|----------|-----------------------------------|------|----------------|--------------|------------------------|----------------------------|--------------|
| <b>RTM 018 S</b>    |          |                                   | 40   | WXMP           | WSR 200      | 18.0<br>0.709          | 1.8 / 0.4<br>0.071 / 0.016 | T0050100799  |
| <b>RTM 018 S MS</b> |          | MIL-SPEC<br>VERSION AVAILABLE<br> | 40   | WXMP MS        | WSR 200      | 18.0<br>0.709          | 1.8 / 0.4<br>0.071 / 0.016 | T0050100899  |
| <b>RTM 022 S</b>    | RT 8     |                                   | 40   | WXMP           | WSR 200      | 18.0<br>0.709          | 2.2 / 0.4<br>0.087 / 0.016 | T0054460899N |
| <b>RTM 022 S MS</b> | RT 8MS   | MIL-SPEC<br>VERSION AVAILABLE<br> | 40   | WXMP MS        | WSR 200      | 18.0<br>0.709          | 2.2 / 0.4<br>0.087 / 0.016 | T0054462299N |
| <b>RTM 032 S</b>    |          |                                   | 55   | WXMP           | WSR 200      | 17.5<br>0.689          | 3.2 / 0.9<br>0.126 / 0.035 | T0050100999  |
| <b>RTM 032 S MS</b> |          | MIL-SPEC<br>VERSION AVAILABLE<br> | 55   | WXMP MS        | WSR 200      | 17.5<br>0.689          | 3.2 / 0.9<br>0.126 / 0.035 | T0050101099  |
| <b>RTM 036 S</b>    | RT 11    |                                   | 40   | WXMP           | WSR 200      | 18.0<br>0.709          | 3.6 / 0.9<br>0.141 / 0.035 | T0054461199N |
| <b>RTM 036 S MS</b> | RT 11MS  | MIL-SPEC<br>VERSION AVAILABLE<br> | 40   | WXMP MS        | WSR 200      | 18.0<br>0.709          | 3.6 / 0.9<br>0.141 / 0.035 | T0054463199N |

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

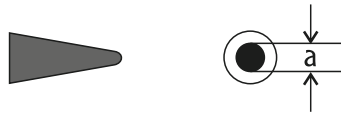
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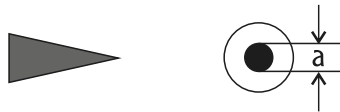
## RT Micro

### BEVEL CUT



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

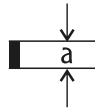
### CONICAL



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

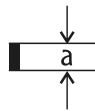


## GULLWING



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

## KNIFE



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

## MEASURING TIP

| New name          | Old name         |   | Watt | Soldering Iron | Safety Rests | Length (mm)<br>(inch.) | a / b (mm)<br>(inch.) | Order No.    |
|-------------------|------------------|---|------|----------------|--------------|------------------------|-----------------------|--------------|
| RTM Measuring tip | RT Measuring tip | • | 40   |                | WSR 200      | 26.0<br>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.**

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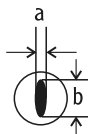
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## RT Ultra

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



### CHISEL



For use with



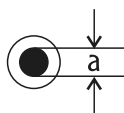
Soldering Iron: WXUP MS



Station: WX

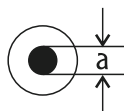
| Model          |                               |  | Watt | Soldering Iron | Safety Rests | Length (mm)<br>(inch.) | a / b (mm)<br>(inch.)      | Order No.   |
|----------------|-------------------------------|--|------|----------------|--------------|------------------------|----------------------------|-------------|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

### BEVEL CUT



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

### CONICAL



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

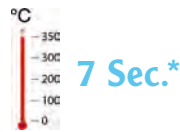


## SOLDERING IRON

WXUP MS  
150 W  
T0052923099



### Heating up time



\*from 50°C to 350°C / 120°F to 620°F

Weller®

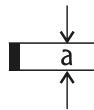


### Component size



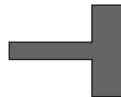
| Model          |                               |  | Watt | Soldering Iron | Safety Rests | Length (mm)<br>(inch.) | a / b (mm)<br>(inch.) | Order No.   |
|----------------|-------------------------------|--|------|----------------|--------------|------------------------|-----------------------|-------------|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

### GULLWING



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

### BLADE



| Model        |                               |  | Watt | Soldering Iron | Safety Rests | Length (mm)<br>(inch.) | a / b (mm)<br>(inch.)       | Order No.   |
|--------------|-------------------------------|--|------|----------------|--------------|------------------------|-----------------------------|-------------|
| RTU 100 K MS | MIL-SPEC<br>VERSION AVAILABLE |  | 150  | WXUP MS        | WSR 200      | 27.0<br>1.063          | 10.0 / 1.5<br>0.394 / 0.059 | T0050106699 |
| RTU 160 K MS | MIL-SPEC<br>VERSION AVAILABLE |  | 150  | WXUP MS        | WSR 200      | 27.0<br>1.063          | 16.0 / 1.5<br>0.630 / 0.059 | T0050106799 |
| RTU 200 K MS | MIL-SPEC<br>VERSION AVAILABLE |  | 150  | WXUP MS        | WSR 200      | 27.0<br>1.063          | 20.0 / 1.5<br>0.787 / 0.059 | T0050106899 |
| RTU 330 K MS | MIL-SPEC<br>VERSION AVAILABLE |  | 150  | WXUP MS        | WSR 200      | 27.0<br>1.063          | 33.0 / 1.5<br>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](http://www.weller-tools.com/nocompromise)



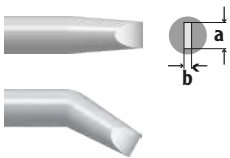
- Fast and easy tip change
- Exceptionally short heat up time
- Energy saving with standby function
- Excellent response time



## 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<br>mm | b<br>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<br>mm | b<br>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<br>mm | Order no.      |
|-------------|-----------|----------------|
| RTW1 45°    | 0.4       | T005 44 651 99 |
| RTW6NW* 45° | 0.2       | T005 44 656 99 |

| Type          | Ø a<br>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



**WX**  
compatible



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

## 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

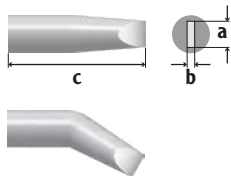
**WX**  
compatible



## 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<br>mm | b<br>mm | c<br>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<br>mm | b<br>mm | c<br>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<br>mm | Order no.   |
|------------|---------|-------------|
| XNT 4      | 1.2     | T0054485599 |
| XNT AA 45° | 1.6     | T0054488499 |
| XNT BB 45° | 2.4     | T0054488599 |

| Type       | a<br>mm | Order no.   |
|------------|---------|-------------|
| XNT CC 45° | 3.2     | T0054488699 |
| XNT F 45°  | 1.2     | T0054488799 |

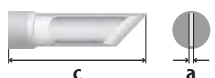
### Conical



| Type  | Ø a<br>mm | c<br>mm | Order no.   |
|-------|-----------|---------|-------------|
| XNT 1 | 0.5       | 27.0    | T0054485099 |

| Type  | Ø a<br>mm | c<br>mm | Order no.   |
|-------|-----------|---------|-------------|
| XNT S | 0.4       | 37.5    | T0054486899 |

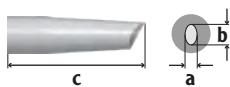
### Knife



| Type   | Ø a<br>mm | c<br>mm | Order no.   |
|--------|-----------|---------|-------------|
| XNT KN | 2.0       | 33.0    | T0054486399 |

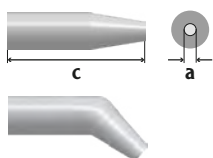
\* Non-wettable

## Gull wing



| XNT      |  | b<br>mm | c<br>mm | Order no.   |
|----------|--|---------|---------|-------------|
| XNT GW 1 |  | 2.0     | 33.0    | T0054485499 |
| XNT GW 2 |  | 1.5     | 27.5    | T0054488099 |

## Round



| Type    | Ø a<br>mm | c<br>mm | Order no.   |
|---------|-----------|---------|-------------|
| XNT 1S  | 0.2       | 28.5    | T0054485299 |
| XNT 1LX | 0.2       |         | T0054487299 |

| Type         | Ø a<br>mm | c<br>mm | Order no.   |
|--------------|-----------|---------|-------------|
| XNT 1X       | 0.4       | 28.0    | T0054486599 |
| XNT 1SLX 45° | 0.4       | 39.5    | T0054487599 |

## SMT

| Type       | Ø a<br>mm | b<br>mm | c<br>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<br>mm | b<br>mm | c<br>mm | Order no.   |
|------------|-----------|---------|---------|-------------|
| XNT SMT 03 | 20.8      | 0.6     | 7.1     | T0054487899 |

## Accessories

| Type          | Ø a<br>mm | c<br>mm | Order no.   |
|---------------|-----------|---------|-------------|
| Measuring tip |           |         | K1131       |
| XNT Screw M4  |           | 26.0    | T0054487999 |

| Type                 | Order no.   |
|----------------------|-------------|
| Barrel               | T0058765758 |
| Barrel for bent tips | T0058765767 |



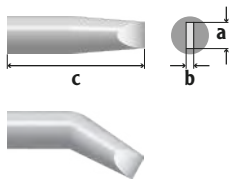
- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time



## 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

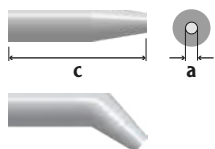
### Chisel



| XT      | Ø a<br>mm | b<br>mm | c<br>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<br>mm | b<br>mm | c<br>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<br>mm | c<br>mm | Order no.   |
|-------|-----------|---------|-------------|
| XT BS | 2.4       | 36.5    | T0054471599 |
| XT CS | 3.2       | 36.5    | T0054471699 |

| Type  | Ø a<br>mm | c<br>mm | Order no.   |
|-------|-----------|---------|-------------|
| XT DS | 5.0       | 34.5    | T0054471799 |

### Sloped

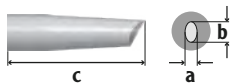


| Type      | a<br>mm | c<br>mm | Order no.   |
|-----------|---------|---------|-------------|
| XT F 30°  | 1.2     | 36.5    | T0054471899 |
| XT AA 60° | 1.6     | 36.5    | T0054470899 |
| XT BB 45° | 2.4     | 36.5    | T0054470999 |

| Type       | a<br>mm | c<br>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 |



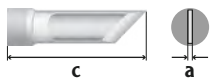
## Gull wing



| XT     |           |         |         |             |
|--------|-----------|---------|---------|-------------|
| Type   | Ø a<br>mm | b<br>mm | c<br>mm | Order no.   |
| XT GW1 | 2.3       | 3.2     | 36.5    | T0054471299 |
| XT GW2 | 3.5       | 4.8     | 36.5    | T0054473599 |

| Type   | Ø a<br>mm | b<br>mm | c<br>mm | Order no.   |
|--------|-----------|---------|---------|-------------|
| XT GW3 | 0.8       | 0.9     | 41.5    | T0054473999 |

## Knife



| Type       | Ø a<br>mm | c<br>mm | Order no.   |
|------------|-----------|---------|-------------|
| XT KN 60 ° | 2.0       | 45.0    | T0054471199 |

## Conical



| Type | Ø a<br>mm | c<br>mm | Order no.   |
|------|-----------|---------|-------------|
| XT O | 1.0       | 36.5    | T0054471499 |

## Soldering head (SMT blade-style)

| Type                      | a<br>mm | b<br>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<br>mm | c<br>mm | Order no.   |
|-----------------------------------|---------|---------|-------------|
| Measuring tip<br>(for the WXP120) |         |         | K1141       |
| XT Adapter M4                     |         | 36.0    | T0054471999 |
| XT Adapter M5                     |         | 36.0    | T0054472099 |

| Type                    | Order no. |             |
|-------------------------|-----------|-------------|
| Barrel                  | WXP120    | T0058765711 |
| Barrel<br>for bent tips | WXP120    | T0058765766 |



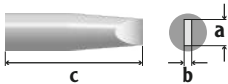
- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time



## 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<br>mm | b<br>mm | c<br>mm | Order no.   |
|-------|-----------|---------|---------|-------------|
| XHT C | 3.2       | 1.2     | 48.0    | T0054480499 |
| XHT D | 5.0       | 1.2     | 48.0    | T0054480199 |

| Type  | Ø a<br>mm | b<br>mm | c<br>mm | Order no.   |
|-------|-----------|---------|---------|-------------|
| XHT E | 7.6       | 1.5     | 48.0    | T0054480299 |
| XHT F | 9.3       | 2.0     | 48.0    | T0054480599 |

### Accessories

| Type   | a<br>mm | b<br>mm | c<br>mm | Order no.   |
|--------|---------|---------|---------|-------------|
| Barrel |         |         |         | T0058763725 |



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



## **WXDP120 desoldering iron set 120W with XDS3 AND XDS5 desoldering tiplests 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 tiplests and WDH40 safety rest**

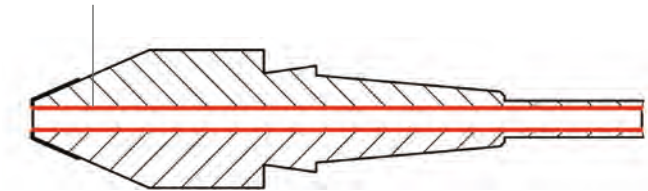
The fastest inline desoldering iron, reaching operating temperature in 35 seconds, it makes the most difficult desoldering challenge easy. Disposable solder collector chamber. 120w | 24v | Max. temperature 450°C / 850°F | Order no. T0051320599

## XDSL series desoldering tiptlets NEW

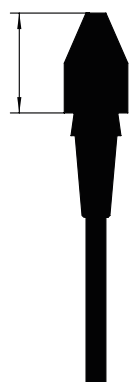
For use with the WXDP120 / WXDV120 desoldering iron.



High-quality high-grade stainless-steel liner



- Extended shaft tiptlets deposit molten solder directly into the solder collection tube
- Easy change 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<br>Ø 0.0651 in |  | Ø 2.5 mm<br>Ø 0.0984 in |  | Ø 10.5 mm<br>Ø 0.4134 in |  |
| XDSL2        |  | T0051326099                    | Ø 3.0 mm<br>Ø 0.1181 in |                                                                                    | Ø 5.3 mm<br>Ø 0.2087 in |                                                                                      | Ø 10.5 mm<br>Ø 0.4134 in |                                                                                       |
| XDSL3        |  | T0051326199                    | Ø 1.0 mm<br>Ø 0.0394 in |                                                                                    | Ø 2.3 mm<br>Ø 0.0906 in |                                                                                      | Ø 10.5 mm<br>Ø 0.4134 in |                                                                                       |
| XDSL4        |  | T0051326299                    | Ø 1.2 mm<br>Ø 0.0472 in |                                                                                    | Ø 2.5 mm<br>Ø 0.0984 in |                                                                                      | Ø 10.5 mm<br>Ø 0.4134 in |                                                                                       |
| XDSL5        |  | T0051326399                    | Ø 1.8 mm<br>Ø 0.0709 in |                                                                                    | Ø 3.3 mm<br>Ø 0.1299 in |                                                                                      | Ø 10.5 mm<br>Ø 0.4134 in |                                                                                       |
| XDSL6        |  | T0051326499                    | Ø 0.7 mm<br>Ø 0.0276 in |                                                                                    | Ø 1.9 mm<br>Ø 0.0748 in |                                                                                      | Ø 16.5 mm<br>Ø 0.6496 in |                                                                                       |
| XDSL7        |  | T0051326599                    | Ø 1.2 mm<br>Ø 0.0472 in |                                                                                    | Ø 2.7 mm<br>Ø 0.1063 in |                                                                                      | Ø 16.5 mm<br>Ø 0.6496 in |                                                                                       |
| XDSL8        |  | T0051326699                    | Ø 1.5 mm<br>Ø 0.0591 in |                                                                                    | Ø 2.9 mm<br>Ø 0.1142 in |                                                                                      | Ø 10.5 mm<br>Ø 0.4134 in |                                                                                       |
| XDS9         |  | T0051325899<br>(Measuring tip) | Ø .55 mm<br>Ø 0.0217 in |                                                                                    | Ø 2.2 mm<br>Ø 0.0866 in |                                                                                      | Ø 11.0 mm<br>Ø 0.4331 in |                                                                                       |

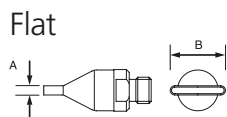


- Extensive range of nozzles to meet every application need
- Powerful 200 Watts design for comfortable and precise operation
- Ideal for working on surface mounted components and suitable for EPA areas.

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

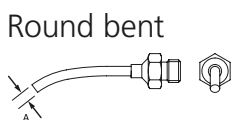
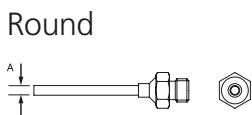
Hot-air iron for soldering SMD devices. The integrated ion trap allows an ionic free air flow.  
200 W | 24 V | Max. temperature 550°C / 999°F | Order no. T0052712099

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



| Type | Description |                           | Width A<br>mm | Width B<br>mm | Order no.   |
|------|-------------|---------------------------|---------------|---------------|-------------|
|      |             | Adapter M6<br>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)

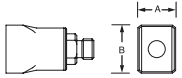


| Type | Description |  | Ø<br>mm | Distance C<br>mm | Length C<br>mm | Order no.   |
|------|-------------|--|---------|------------------|----------------|-------------|
| R02  |             |  | 0.8     |                  |                | T0058727823 |
| R04  |             |  | 1.2     |                  |                | T0058727821 |
| R06  |             |  | 3.0     |                  |                | T0058727822 |
| R10  |             |  | 2.0     |                  | 50             | T0058727787 |
| R08  |             |  | 2.0     |                  | 50             | T0058727786 |



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

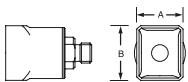
2 sides heated



| Type | Description               | Length X<br>mm | Width Y<br>mm | Order no.   |
|------|---------------------------|----------------|---------------|-------------|
| D04  | Adapter M6<br>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<br>mm | Width Y<br>mm | Order no.   |
|-------|------------------------------------------------------------|----------------|---------------|-------------|
| Q02   | Hot air nozzle<br>4 sides heated                           | 6.0            | 6.5           | T0058727777 |
| Q04   | Hot air nozzle<br>4 sides heated                           | 6.0            | 9.0           | T0058727778 |
| Q06   | Hot air nozzle<br>4 sides heated with<br>pre-heating plate | 15.0           | 10.0          | T0058727780 |
| Q08   | Hot air nozzle<br>4 sides heated with<br>pre-heating plate | 12.5           | 15.0          | T0058727783 |
| SK709 | Hot air nozzle<br>4 sides heated with<br>pre-heating plate | 12.0           | 12.0          | T0058727812 |
| Q10   | Hot air nozzle<br>4 sides heated with<br>pre-heating plate | 18.0           | 18.0          | T0058727785 |
| R01   | Measuring nozzle<br>for calibration                        |                |               | T0058727808 |



## WX peripheral fume extraction units

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### 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

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### 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

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### WXHP120

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

Order no.  
T0052702999

## & WX compatible soldering bath

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### WXSB200

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

Order no.  
T0052704399

## & WX adapter / accessories

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### 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 |
|---------------------------------------------------------------------------------------|-----|-----|------|------|------|
| <b>Power consumption</b>                                                              |     |     |      |      |      |
| 200w (255w)                                                                           |     |     |      |      |      |
| 420w (600w)                                                                           |     |     |      |      |      |
| <b>Temperature range (adjustable*)</b>                                                |     |     |      |      |      |
| 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>                      |     |     |      |      |      |
| <b>Temperature accuracy</b>                                                           |     |     |      |      |      |
| Soldering ± 9°C (± 17°F)                                                              |     |     |      |      |      |
| WXHAP200 Hot air pencil ± 30°C (± 54°F)                                               |     |     |      |      |      |
| Desoldering ± 9°C (± 17°F)                                                            |     |     |      |      |      |
| <b>Temperature stability ± 6°C (± 10° F)</b>                                          |     |     |      |      |      |
| <b>Air flow rate</b>                                                                  |     |     |      |      |      |
| 35 l/min                                                                              |     |     |      |      |      |
| 0 – 20 l/min.                                                                         |     |     |      |      |      |
| <b>Pressure</b>                                                                       |     |     |      |      |      |
| Inlet pressure 4–6 bar<br>(58 – 87 psi), oil-free, dry compressed air                 |     |     |      |      |      |
| Inlet pressure, 4–6 bar (58–87 psi), oil-free,<br>dry compressed air or nitrogen (N2) |     |     |      |      |      |
| <b>Pump</b>                                                                           |     |     |      |      |      |
| Intermittant mode: max. hot air 15 l/min                                              |     |     |      |      |      |
| Intermittant mode: max. vac. 0.7 bar,<br>delivery rate 18 l/min                       |     |     |      |      |      |
| Max. vacuum 0.5 bar, max. delivery rate 1.7 l/min                                     |     |     |      |      |      |



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