



# WXTEAM

One platform – Up to every challenge



Weller®

# OUR WX TEAM

Five pros – any challenge.



## OUR WX TEAM

The five specialists from the Weller WXTeam will solve all your problems to do with soldering, desoldering and the use of hot-air in your manufacturing process. The entire WX team offers full WX tool compatibility, tried-and-tested benchtop functions and all essential traceability features.



OUR WX TEAM



### Safe manual soldering

Weller WX stations make the manual soldering process safer, a crucial factor in the automobile, aerospace and medical technology industries. This is guaranteed 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.



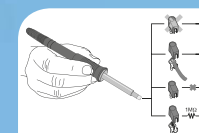
### Multifunctional USB port

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



### Integrated parameter memory

Parameters such as standby temperatures and automatic switch-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.



### Maximum safety, maximum flexibility

A unique equipotential bonding connection is provided free of charge. The jack sleeve has 4 possible settings: hard earthed, equipotential bonding, floating and soft earthed.



### ESD safe

All WX devices are ESD-safe and can be used in EPA regions.



### Huge energy savings Usage sensor

Thanks to an integrated sensor, WX tools are motion activated. This means that they consume power only when they are actually in use. Connected accessories also go into standby mode.



### Traceability

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



### Extremely short learning curve

Multi-language menu guide: German, English, French, Italian, Spanish, Portuguese and Mandarin. Other languages can be implemented on request.



### Robot output

A digital, optically decoupled robot connection comes as standard.

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# WX SOLDERING STATIONS

A new era of soldering.

## TWO STATIONS – MANY ADVANTAGES

The powerful, user-friendly WX 1 and WX 2 Soldering stations have redefined the world of soldering. Maximum process reliability for manual soldering tasks is guaranteed for the automobile, aerospace and medical technology industries. Any soldering process can be programmed easily using these intelligent tools, and a unique level of dependability assured. Whatever technique is used, these devices are intuitive and easy to operate thanks to their touch screens and language options. There is a choice between 1-channel and 2-channel stations.

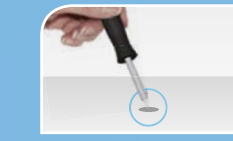


## ADVANTAGES AT A GLANCE



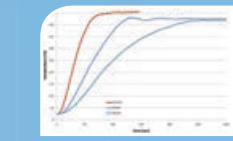
### Visual process control through LED signal function

Blue LED ring light (light is out = Off, light is blinking = Standby or Heating Up, light is on = tip ready for use)



### Tailor-made performance

Weller heating technologies deliver precise performance on demand.



### Quick heating time

WX soldering irons heat in ultra-quick time and can be used immediately.



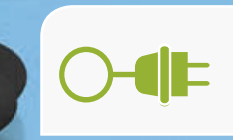
### Temperature stability/accuracy

All WX Soldering tools have a temperature stability of  $\pm 2^{\circ}\text{C}$  and a temperature accuracy of  $\pm 9^{\circ}\text{C}$ , as per IPC standard.



### 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 confirm button allows intuitive operation.



### Huge energy savings Motion sensor

Thanks to an integrated sensor, WX tools are motion activated. This means that they consume power only when they are actually in use. Connected accessories also go into standby mode.



WX soldering station Compatibility



### Soldering

WXP65 Soldering iron  
WXP 90 Hybrid Soldering iron  
WXP 120 Soldering iron  
WXPP / WXPP-MS Pico Soldering iron  
WXMP / WXMP-MS Micro Soldering iron  
WXUP-MS Ultra Soldering iron  
WXMT / WXMT-MS Micro desoldering tweezers



### Accessories

WHP 1000 Pre-heating plate  
WHP 3000 Pre-heating plate  
WXHP 120 Pre-heating plate  
WXSB 200 Solder bath



### Solder fume extractors

Zero Smog 4V  
Zero Smog 6V  
Zero Smog 20T

# WXD 2 DESOLDERING STATION

Remove solder with the fastest desoldering irons in the world.



## LAURA & SAM THE MIGHTY TWINS

Laura and Sam are the founding members and reliable service providers in the WXTeam. Their outstanding performance, unique appeal and intuitive handling have largely defined the WX Character.



OUR WX TEAM



## THIS DESOLDERING SYSTEM IS IN A LEAGUE OF ITS OWN!

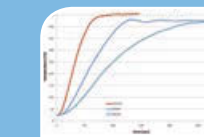
With the 2-channel soldering station and WXD 2 Desoldering station, plus the high-power WXP 120 Desoldering iron, you can tackle jobs you hardly thought possible. With a heating time of 35 seconds, the WXP 120 Desoldering iron sets new standards for high-performance soldering and desoldering.

## ADVANTAGES AT A GLANCE



### External compressed air supply

The maintenance-free Venturi unit produces a constant vacuum via an external compressed air supply. A separate compressed air supply is needed.



### Fastest desoldering iron

With its 120 Watts and extremely short heating time, the desoldering iron can easily handle jobs that would have been difficult in the past, including desoldering high mass PCBs.



### No tedious cleaning

The new, extended nozzle shaft prevents the suction tube sticking. Since the suction channel has also been replaced, the once tedious and time-consuming task of cleaning the tool is now a thing of the past.



### Quick replacement

Thanks to ingenious mountings, the suction nozzle and solder cartridge can be changed quickly and easily – without the risk of burning or tricky replacement work.



### Huge cost savings

The relatively low operating temperature (380°C) and automatic standby mode controlled by the use sensor increase the service life of the suction nozzles by a factor of 3.



### User-friendly handling

An ergonomically-shaped Softgrip handle with integrated finger switch makes for efficient operation. The short distance between the solder cartridge and the Softgrip handle prevents the tool from twisting while held in the hand.



### Vacuum run-on

A vacuum run-on time can be set to prevent the suction pump blocking.



### 2 models are available.

The WXP 120 is designed for horizontal operation and the WXD 120 for vertical operation.



WXD 2 Desoldering station  
Compatibility



### Soldering

WXP65 Soldering iron  
WXP 90 Hybrid Soldering iron  
WXP 120 Soldering iron  
WXPP / WXPP-MS Pico Soldering iron  
WXMP / WXMP-MS Micro Soldering iron  
WXUP-MS Ultra Soldering iron  
WXMT / WXMT-MS Micro desoldering tweezers



### Desoldering

WXDP 120 Desoldering iron  
WXDV 120 Desoldering iron



### Accessories

WHP 1000 Pre-heating plate  
WHP 3000 Pre-heating plate  
WXHP 120 Pre-heating plate  
WXSB 200 Solder bath



### Solder fume extractors

Zero Smog 4V  
Zero Smog 6V  
Zero Smog 20T

# WXA 2 HOT-AIR STATION

The perfect solution for hot-air and soldering jobs.



## ADVANTAGES AT A GLANCE



### Adjustable air amount

The amount of air can be controlled using the rotary knob. An external compressed air supply is needed. The amount of air is displayed in percent.



### Adjustable operating mode

The unit has 3 separate operating modes.  
**Operating mode level 1** – the air flow continues for as long as the button on the hot-air iron or foot switch is pressed.  
**Operating mode level 2** – if the button is pressed once, the hot-air flow continues for between 0 and 300 seconds, stopping at the end of the set time.  
**Operating mode level 3** – the WXHAP 200 switches on with one press of the button and off with the second press.



### 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. Flat and round nozzles, dual and quad nozzles.



### Ion trap

All WX devices are ESD-safe and can be used in EPA regions. The ion trap in the iron ensures that the emerging hot-air is free of static electricity.



### Inert gas operation

An inert gas (nitrogen) can also be used for challenging soldering jobs to generate the hot-air.



WXA 2 Hot-air station  
Maximum flexibility



### Soldering

WXP65 Soldering iron  
 WXP 90 Hybrid Soldering iron  
 WXP 120 Soldering iron  
 WXPP / WXPP-MS Pico Soldering iron  
 WXMP / WXMP-MS Micro Soldering iron  
 WXUP-MS Ultra Soldering iron  
 WXMT / WXMT-MS Micro desoldering tweezers



### Hot-air

WXHAP 200 Hot-air soldering pencil



### Accessories

WHP 1000 Pre-heating plate  
 WHP 3000 Pre-heating plate  
 WXHP 120 Pre-heating plate  
 WXS B 200 Solder bath



### Solder fume extractors

Zero Smog 4V  
 Zero Smog 6V  
 Zero Smog 20T

## DAVE THE VACUUM MAN

Nothing stays around long when Dave's on the job. He clears the area in no time and leaves the surface ready for new jobs. All by himself!



OUR WXT TEAM

## HOT-AIR AND SOLDERING IN A SINGLE STATION.

Clear handling advantages and tangible cost savings in one unit. That's what you get with the WXA 2 Hot-air station. Ideal for complex hot-air jobs or traditional soldering. The hot-air amount (20 l/min, at 6 bar) is infinitely adjustable. And of course the entire range of high-performance hot-air and soldering accessories is compatible with this station.

# WXR 3 REWORK STATION

Everything – and more.



## WXR 3 REWORK STATION

The WXR 3 Rework station is the perfect solution for all soldering, desoldering and hot-air jobs. The WXR 3 can handle the most demanding tasks but is also ideal for standard jobs. All units can cope with major manufacturing tasks quickly and surely thanks to their straight-forward settings. The station can also be integrated into a traceability process.



## ALEX HIS AIRNESS

The elegant player in the WXTeam is "His Airness". He gently handles the finest jobs but is also extremely forceful when necessary. He moves between these extremes with ultimate ease. A real grandee in the team!



OUR WXTEAM

## ADVANTAGES AT A GLANCE



### 600 Watts – unique

The WXR 3 is a 3-channel station with a total output of 600W. The multifunctional WXR 3 is suitable for all applications, and can take all WXTools.



### 2 integrated pumps (self-contained)

2 integrated pumps make the system independent of a separate compressed air supply. A high-performance pump for vacuum and hot-air, and a separate vacuum pump for pick-up tools.



### User-friendliness

The LCD display shows all connected tools. Special functions can easily be set at the press of a button.



### WRK reflow kit

For soldering and desoldering of large SMT components up to 30 x 30 mm.



### WVP vacuum pipette

Move components simply and safely.



### Automatic / intelligent power management

The rework station provides 600 Watts of power. Its intelligent power management function allows the available power to be distributed to the connected tools as required – a total of 600 Watts. High-performance tools can be operated at the same time. 3 channels, 200 Watts each.



WXR 3 Rework station Compatibility



### Soldering

- WXP65 Soldering iron
- WXP 90 Hybrid Soldering iron
- WXP 120 Soldering iron
- WXPP / WXPP-MS Pico Soldering iron
- WXMP / WXMP-MS Micro Soldering iron
- WXUP-MS Ultra Soldering iron
- WXMT / WXMT-MS Micro desoldering tweezers



### Desoldering

- WXDP 120 Desoldering iron
- WXDV 120 Desoldering iron



### Hot-air

- WXHAP 200 Hot-air soldering pencil



### Accessories

- WHP 1000 Pre-heating plate
- WHP 3000 Pre-heating plate
- WXHP 120 Pre-heating plate
- WXSb 200 Solder bath
- WRK Reflow set
- WVP Vacuum pipette



### Solder fume extractors

- Zero Smog 4V
- Zero Smog 6V
- Zero Smog 20T



## ROB THE REWORKER

Rob is the all-rounder in the team. No matter where you put it, he always brings full power and impresses with its flexibility and simplicity. so one need any successful team.



OUR WX TEAM

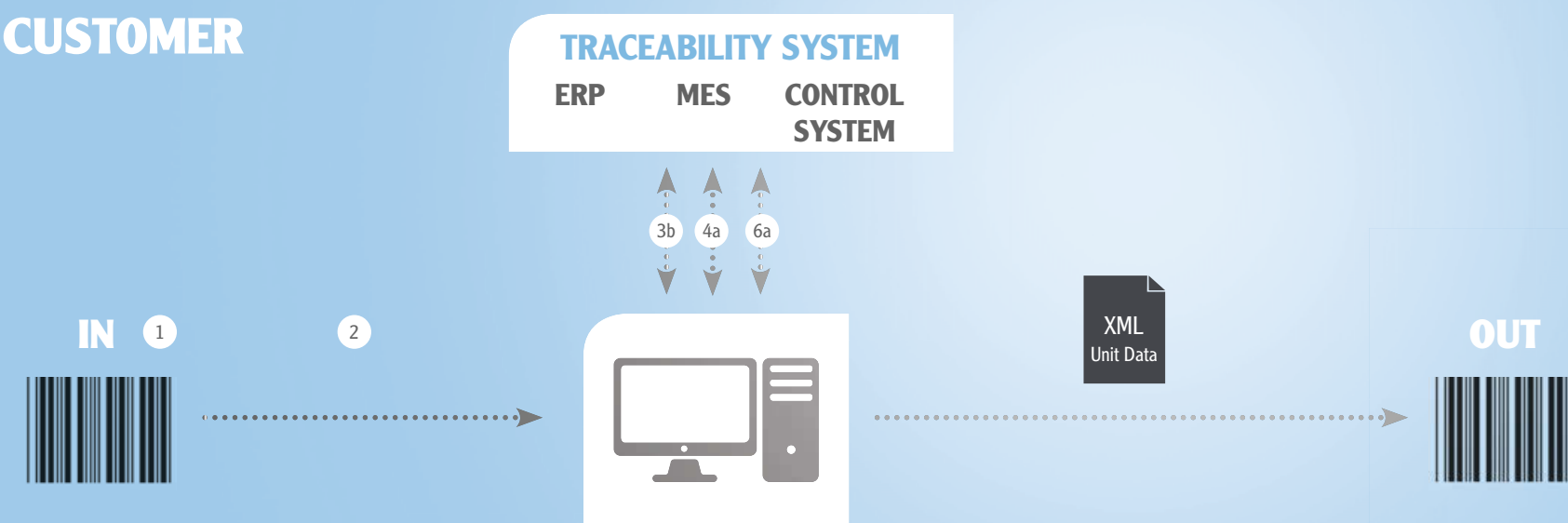
# TRACEABILITY

## 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



#### WELLER

#### EQUIPMENT



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.

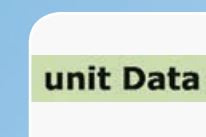


- 4.a. Optional Control: Process control: Error or O.K.

- 4.b. Visual process control via Weller LED ring light on the iron.

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

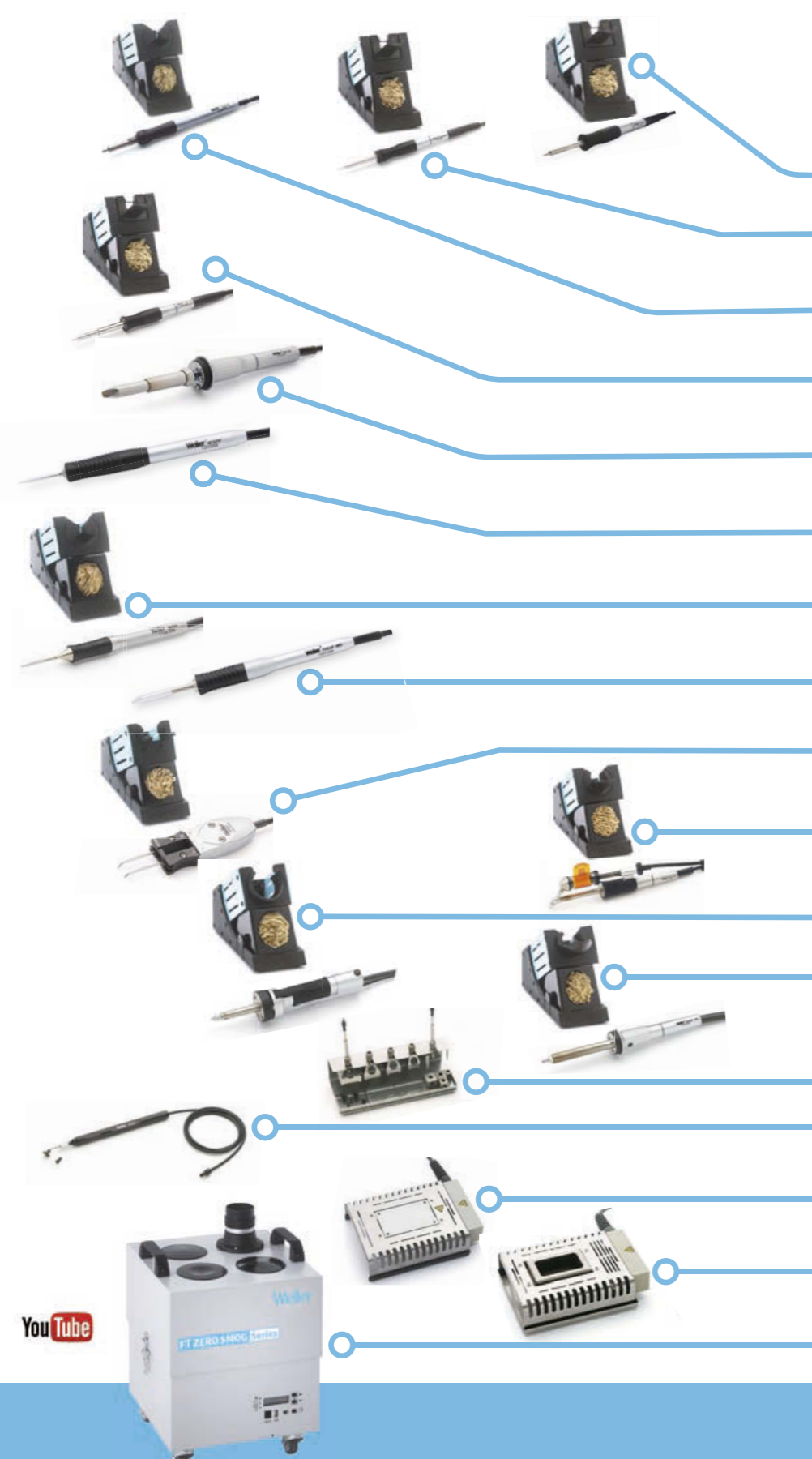
- 6.a. Monitor during soldering process: Success control.



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

# WX TOOL SELECTION

## AND COMPATIBILITY MATRIX



Active Tip  Power Response  Silver Line 


	200 W (255 W)	200 W (255 W)	200 W (255 W)	420 W (600 W)
 <b>WX1</b> 1-channel soldering station T0053417699N	 <b>WX2</b> 2-channel soldering station T0053420699N	 <b>WXD2</b> 3-channel soldering, desoldering and hot air station T0053426699N	 <b>WXR3</b> 3-channel soldering, desoldering and hot air station T0053500699N	
<b>WXP 65 SET   65 W SOLDERING IRON</b> Small, fast soldering iron with 65 Watt suitable for fine soldering work with increased heat demand. T0052921299N	✓	✓	✓	✓
<b>WXP 80 SET   80 W SOLDERING IRON</b> For universal soldering tasks. T0052920999N	✓	✓	✓	✓
<b>WXP 90 SET / 90 W Hybrid Soldering Iron</b> Soldering iron with extremely short heating and recovery times and optimum heat transfer. T0052922599N	✓	✓	✓	✓
<b>WXP 120 SET   120 W SOLDERING IRON</b> All-rounder with 120 Watt, can be used for soldering work, from small to large components with high heat requirements. T0052920299N	✓	✓	✓	✓
<b>WXP 200   200 W SOLDERING IRON</b> The most powerful soldering iron among the WX tools. Ideal for Soldering work with increased heat demand, e.g. for LED backplanes or HF shielding. T0052920599N	✓	✓	✓	✓
<b>WXPP PICO SOLDERING IRON / 40 W</b> High performance for smallest components T0052922699, also available as MS version, handpiece without soldering tip.	✓	✓	✓	✓
<b>WXMP SET   40 W (55W MAX.) MICRO-SOLDERING IRON</b> High performance active tips for micro and standard components, wide range of geometries and sizes. T0052920499N MS version available.	✓	✓	✓	✓
<b>WXUP-MS ULTRA SOLDERING IRON / 150 W</b> Designed for heavy duty applications and large components. LED soldering, solar technology, multi-layer boards. Handpiece without soldering tip. T0052923099	✓	✓	✓	✓
<b>WXMT SET   2 X 40 W MICRO DESOLDERING TWEEZERS</b> Powerful micro desoldering tweezers. Ideal for soldering and desoldering work with increased heat requirements, e.g. for LED backplanes OR HF SHIELDING. T0051317899N	✓	✓	✓	✓
<b>WXDP 120 SET   120 W DESOLDERING IRON</b> Fastest desoldering iron in the world. Heats up in 35 seconds for the most difficult soldering challenges. With integrated collection container - for horizontal working position. T0051320299N			✓	✓
<b>WXDV120 SET   120 W DESOLDERING IRON</b> Fastest Inline Desoldering Iron. Creates tasks that are difficult to cope with. Integrated tin collection container in the handle - for vertical working position. T0051320599N			✓	✓
<b>WXHAP 200 SET   200 W HOT AIR IRON</b> For soldering surface-mounted components. The ion trap ensures that the hot air flowing out is free of static charges. T0052712099N				✓
<b>WRK   REFLOWSET</b> T0058761730N				✓
<b>WVP   VAKUUM PICK-UP</b> T0052918499N				✓
<b>WXHP 120   120 W PREHEATING PLATE</b> Small preheat plate, 120 W with increased heating power, for applications on multilayer and large mass printed circuit boards, 80 x 50 mm. T0052702999N	✓	✓	✓	✓
<b>WXSB 200   200 W SOLDER BATH</b> Soldering bath for the preparation of strands... T0052704399N	✓	✓	✓	✓
<b>ZERO SMOG® 4V</b> Extraction unit for volume extraction for up to 4 workstations. T0053660699N	✓	✓	✓	✓



# Overview WX Sets

## WXR Rework stations




**WXR 3030 Set**  Power Response

WXR 3 Power unit with WXHAP 200 Hot-air iron (200 W / 24 V), WXDP 120 Desoldering iron for horizontal use (120 W / 24 V), WXP 65 Soldering iron (65 W / 24 V), WVP Vacuum Pick-Up, PDN Pliers Desoldering Nozzle, WDH 30, WDH 70, WDH 10 Safety rests

Order no.  
T005 35 016 99




**WXR 3031 Set**  Power Response

WXR 3 Power unit with WXHAP 200 Hot-air iron (200 W / 24 V), WXDP 120 Desoldering iron (120 W / 24 V), WXP 120 Soldering iron (120 W / 24 V), WVP Vacuum Pick-Up, PDN Pliers Desoldering Nozzle, WDH 30, WDH 70, WDH 10 Safety rests

Order no.  
T005 35 026 99



**WXR 3032 Set**  Power Response

WXR 3 Power unit with WXHAP 200 Hot-air iron (200 W / 24 V), WXDV 120 Desoldering iron for vertical use (120 W / 24 V), WXP 65 Soldering iron (65 W / 24 V), WVP Vacuum Pick-Up, PDN Pliers Desoldering Nozzle, WDH 30, WDH 70, WDH 10 Safety rests

Order no.  
T005 35 036 99

## WXD Desoldering stations




**WXD 2010 Set**

WXD 2 Power unit, WXDP 120 High-Power Desoldering iron (120 W / 24 V), WDH 70 Safety rest and PDN Pliers Desoldering Nozzle

Order no.  
T005 34 286 99  
T005 34 283 99 (UK)



**WXD 2020 Set**  Power Response

WXD 2 Power unit, WXDP 120 High-Power Desoldering iron (120 W / 24 V) and WDH 70 Safety rest, WXP 120 Soldering iron with WDH 10 Safety rest and PDN Pliers Desoldering Nozzle

Order no.  
T005 34 296 99  
T005 34 293 99 (UK)

## WXA Hot-air station




**WXA 2010 Set**

WXA 2 Hot-air power unit, WXHAP 200 (200 W / 24 V) Hot-air iron and WDH 30 Safety rest

Order no.  
T005 34 306 99  
T005 34 303 99 (UK)

## WX Soldering stations




**WX 1010 Set**  Power Response

WX 1 Power unit with WXP 120 Soldering iron (120 W / 24 V) and WDH 10 Safety rest

Order no.  
T005 34 186 99  
T005 34 183 99 (UK)



**WX 1011 Set**  Active Tip

WX 1 Power unit with WXMP Soldering iron (55 W / 12 V) and WDH 51 Safety rest

Order no.  
T005 34 196 99  
T005 34 193 99 (UK)




**WX 1012 Set**  Power Response

WX 1 Power unit with WXP 65 Soldering iron (65 W / 24 V) and WDH 10 Safety rest

Order no.  
T005 34 276 99  
T005 34 273 99 (UK)




**WX 2020 Set**  Power Response

WX 2 Power unit with 2 x WXP 120 Soldering irons (120 W / 24 V) and 2 WDH 10 Safety rests

Order no.  
T005 34 216 99  
T005 34 213 99 (UK)



**WX 2021 Set**  Active Tip

WX 2 Power unit with WXMP Micro soldering iron (55 W / 12 V) and WDH 51 Safety rests, WXMT Micro desoldering tweezers (2 x 40 W / 12 V) and WDH 60 Safety rest

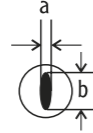
Order no.  
T005 34 226 99  
T005 34 223 99 (UK)

## 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

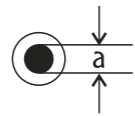


For use with



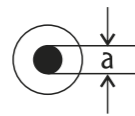
Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 002 S		40	WXPP	WSR 208	17.0 0.669	0.2 / 0.1 0.008 / 0.004	T0050103999
RTP 002 S MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	16.3 0.642	0.2 / 0.1 0.008 / 0.004	T0050102199
RTP 002 S NW		40	WXPP	WSR 208	17.0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

### BEVEL CUT



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

### CONICAL



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

## SOLDERING IRONS

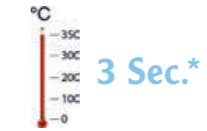
WXPP  
40 W  
T0052922699



WXPP MS  
40 W  
T0052922899



### Heat up time



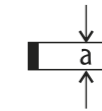
\*from 50°C to 350°C / 120°F to 620°F

### Component size



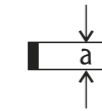
Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 001 C NW MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	17.9 0.705	0.1 0.004	T0050101499
RTP 002 C		40	WXPP	WSR 208	17.0 0.669	0.2 0.008	T0050103399
RTP 002 C MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208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

### GULLWING



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

### KNIFE



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

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

Make no compromise in high-end soldering.

Find your perfect RT Pico tips here:

[www.weller-tools.com/nocompromise](http://www.weller-tools.com/nocompromise)

## 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



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

## SOLDERING IRONS

WXMP  
40 W (55W)  
T0052920399N



WXMP MS  
40 W (55W)  
T0052921399N



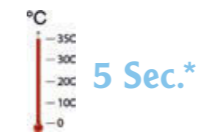
WMRP  
40 W (55W)  
T0052917199N



WMRP MS  
40 W (55W)  
T0052919299N



Heat up time



\*from 50°C to 350°C / 120°F to 620°F

Component size



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

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.

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## RT Micro

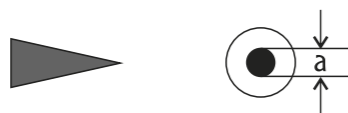


### BEVEL CUT



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

### CONICAL



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

### GULLWING



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

### KNIFE



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

### MEASURING TIP

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

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

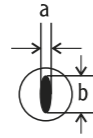
Make no compromise in high-end soldering. Find your perfect RT Micro tips here: [www.weller-tools.com/nocompromise](http://www.weller-tools.com/nocompromise)

## RT Ultra

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



### CHISEL

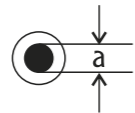


For use with



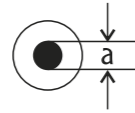
Model	MIL-SPEC VERSION AVAILABLE	Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 015 S MS		150	WXUP MS	WSR 200	28.0 1.102	1.5 / 0.4 0.059 / 0.016	T0050105899
RTU 022 S MS		150	WXUP MS	WSR 200	28.0 1.102	2.2 / 0.6 0.087 / 0.024	T0050105999
RTU 032 S MS		150	WXUP MS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

### BEVEL CUT



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

### CONICAL



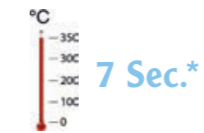
Model	MIL-SPEC VERSION AVAILABLE	Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 004 C MS		150	WXUP MS	WSR 200	27.5 1.083	0.4 0.016	T0050104999
RTU 008 C MS		150	WXUP MS	WSR 200	29.0 1.142	0.8 0.031	T0050105099
RTU 016 C MS		150	WXUP MS	WSR 200	27.5 1.083	1.6 0.063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

## SOLDERING IRON

WXUP MS  
150 W  
T0052923099



### Heating up time



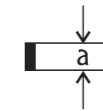
\*from 50°C to 350°C / 120°F to 620°F

### Component size



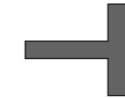
Model	MIL-SPEC VERSION AVAILABLE	Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 004 C X MS		150	WXUP MS	WSR 200	39.2 1.543	0.4 0.016	T0050105299
RTU 008 C X MS		150	WXUP MS	WSR 200	39.2 1.543	0.8 0.031	T0050105399
RTU 016 C X MS		150	WXUP MS	WSR 200	39.2 1.543	1.6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

### GULLWING



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

### BLADE



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

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

Make no compromise in high-end soldering.  
Find your perfect RT Ultra tips here:  
[www.weller-tools.com/nocompromise](http://www.weller-tools.com/nocompromise)



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

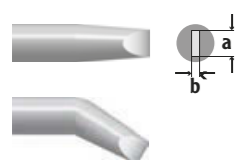


- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time

**WXMT Micro desoldering tweezers set with tweezers tips RTW 2 and WDH 60 Safety rest**

Slim tweezers. Ideal for soldering and desoldering very small SMD components.  
2 x 40 W | 12 V | Max. temperature 450°C | Order no. T005 29 204 99

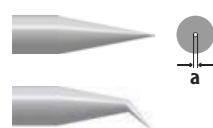
**Chisel**



RTW	Ø a mm	b mm	Order no.
RTW 2 45°	0.7	0.4	T005 44 652 99
RTW 3 45°	3.0	1.0	T005 44 653 99
RTW 4 45°	6.0	1.0	T005 44 654 99
RTW 9	3.0	1.0	T005 44 666 99
RTW 11	6.0	1.0	T005 44 667 99
RTW 10	10.0	1.0	T005 44 668 99
RTW 8	1.3	0.4	T005 44 664 99

RTW MS	Ø a mm	b mm	Order no.
RTW 2MS45°	0.7	0.4	T005 44 657 99
RTW 3MS 45°	3.0	1.0	T005 44 658 99
RTW 4MS 45°	6.0	1.0	T005 44 659 99
RTW 9MS	3.0	1.0	T005 44 669 99
RTW 11MS	6.0	1.0	T005 44 670 99
RTW 10MS	10.0	1.0	T005 44 671 99
RTW 8MS	1.3	0.4	T005 44 665 99
RTW 7NWMS*	0.8	0.4	T005 44 663 71

**Conical**



Type	Ø a mm	Order no.
RTW 1 45°	0.4	T005 44 651 99
RTW 6NW* 45°	0.2	T005 44 656 99

Type	Ø a mm	Order no.
RTW 1MS 45°	0.4	T005 44 655 99
RTW 6NWMS* 45°	0.2	T005 44 656 71

\* Unwetttable

MS tips: separately grounded

MS Handles and MS Soldering tips have to be used together.  
MS Soldering tips are for use with MS Handles only (WXMP MS / WMRP MS).  
MS Tips are separately grounded.

MS Handles for RT MS Soldering tips:  
T005 13 179 99 WXMP MS Soldering iron handle packed  
T005 13 203 99 WXMP MS Soldering iron with WDH 60 Safety rest  
T005 13 175 99 WMRP MS Soldering iron handle packed

**WXP65 soldering iron set with XNTA tip and WDH10 safety rest**

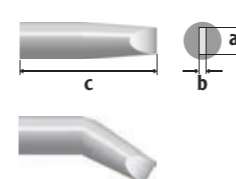
Small fast soldering iron. Suitable for fine soldering jobs with a high heat demand.  
65w | 24v | Max. temperature 450°C / 850°F | Order no. T0052921299



**WXP90 Hybrid soldering iron**

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

**Chisel**



XNT	Ø a mm	b mm	c mm	Order no.
XNT 1SCNW*	0.3	0.1	27.0	T005 44 881 99 T005 44 881 10
XNT 1SC	0.4	0.15	27.0	T005 44 862 99 T005 44 862 10
XNT H	0.8	0.4	28.0	T005 44 859 99 T005 44 859 10
XNT K	1.2	0.4	28.0	T005 44 860 99 T005 44 860 10
XNT A	1.6	0.4	28.0	T005 44 851 99 T005 44 851 10
XNT 6	1.6	0.4	29.5	T005 44 856 99 T005 44 856 10
XNT B	2.4	0.8	27.0	T005 44 857 99 T005 44 857 10

Type	Ø a mm	b mm	c mm	Order no.
XNT C	3.2	0.8	27.0	T005 44 858 99 T005 44 858 10
XNT D	4.0	0.8	28.0	T005 44 853 99 T005 44 853 10
XNT HX 45°	0.8	0.4	36.5	T005 44 873 99 T005 44 873 10
XNT 4X 45°	1.2	0.4	34.6	T005 44 874 99 T005 44 874 10
XNT AX	1.6	0.8	28.0	T005 44 864 99 T005 44 864 10
XNT BX	2.4	0.8	36.5	T005 44 882 99 T005 44 882 10
XNT MX	3.2	0.8	37.5	T005 44 883 99 T005 44 883 10

**Sloped**



Type	a mm	Order no.
XNT 4	1.2	T005 44 855 99 T005 44 855 10
XNT AA 45°	1.6	T005 44 884 99 T005 44 884 10
XNT BB 45°	2.4	T005 44 885 99 T005 44 885 10

Type	a mm	Order no.
XNT CC 45°	3.2	T005 44 886 99 T005 44 886 10
XNT F 45°	1.2	T005 44 887 99 T005 44 887 10

**Conical**



Type	Ø a mm	c mm	Order no.
XNT 1	0.5	27.0	T005 44 850 99 T005 44 850 10

Type	Ø a mm	c mm	Order no.
XNT S	0.4	37.5	T005 44 868 99 T005 44 868 10

**Knife**

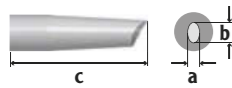


Type	Ø a mm	c mm	Order no.
XNT KN	2.0	33.0	T005 44 863 99 T005 44 863 10

\* Unwetttable

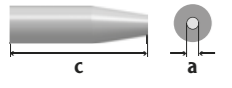
Packaging unit  
 ■ T005 XX XXX 99 = 1 piece  
 ■ T005 XX XXX 10 = 10 piece  
 ■ T005 XX XXX 11 = 100 piece

Gull wing



XNT		b mm	c mm	Order no.
XNT GW 1		2.0	33.0	T005 44 854 99 T005 44 854 10
XNT GW 2		1.5	27.5	T005 44 880 99 T005 44 880 10

Round



Type	Ø a mm	c mm	Order no.
XNT 1S	0.2	28.5	T005 44 852 99 T005 44 852 10
XNT 1LX	0.2		T005 44 872 99 T005 44 872 10

SMT



Type	Ø a mm	b mm	c mm	Order no.
XNT SMT 01	10.4	0.6	7.1	T005 44 876 99
XNT SMT 02	16.8	0.6	7.1	T005 44 877 99

Highspeed



Type	Ø a mm	b mm	c mm	Order no.
XNT 1 HS	0.5		27.0	T005 44 888 99 T005 44 888 10
XNT 1S HS	0.2		28.5	T005 44 889 99 T005 44 889 10
XNT 4 HS	1.2			T005 44 890 99 T005 44 890 10
XNT 6 HS	1.6	0.4	29.5	T005 44 891 99 T005 44 891 10
XNT HHS	0.8	0.4	28.0	T005 44 892 99 T005 44 892 10
XNT KHS	1.2	0.4	28.0	T005 44 893 99 T005 44 893 10
XNT AX HS	1.6	0.8	28.0	T005 44 894 99 T005 44 894 10
XNT 1X HS	0.4		28.0	T005 44 895 99 T005 44 895 10

Accessories

Type	Ø a mm	c mm	Order no.
Measuring tip	0.6	31.3	T005 44 861 99
XNT Screw M4		26.0	T005 44 879 99

Type	Ø a mm	c mm	Order no.
XNT 1X	0.4	28.0	T005 44 865 99 T005 44 865 10
XNT 1SLX 45°	0.4	39.5	T005 44 875 99 T005 44 875 10

Type	Ø a mm	b mm	c mm	Order no.
XNT SMT 03	20.8	0.6	7.1	T005 44 878 99

Type	Ø a mm	b mm	c mm	Order no.
XNT S HS	0.4			T005 44 896 99 T005 44 896 10
XNT AS HS	1.6			T005 44 897 99 T005 44 897 10
XNT 1L HS	0.2			T005 44 898 99 T005 44 898 10
XNT 1LX HS	0.2			T005 44 8 99 99 T005 44 8 99 10
XNT HX HS 30°	0.8	0.4	36.5	T005 44 900 99 T005 44 900 10
XNT 4XHS 45°	1.2	0.4	34.6	T005 44 901 99 T005 44 901 10
XNT 1SLX HS 45°	0.4		39.5	T005 44 902 99 T005 44 902 10
XNT F HS45°	1.2			T005 44 903 99 T005 44 903 10

Type	Order no.
Barrel	T005 87 657 58
Barrel for bent tips	T005 87 657 67

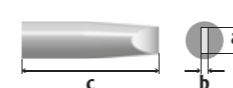


WXP 120 Soldering iron set with WDH 10 Safety rest

Excellent all-round 120 Watts iron. Suitable for use on small and large components within applications with a higher heat demand.  
120 W | 24 V | Max. temperature 450°C | Order no. T005 29 202 99

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

Chisel



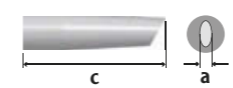
XT		Ø a mm	b mm	c mm	Order no.
XT H		0.8	0.4	36.5	T005 44 713 99 T005 44 713 10
XT A		1.6	0.7	36.5	T005 44 703 99 T005 44 703 10
XT AL		1.6	1.0	39.5	T005 44 701 99 T005 44 701 10
XT ASL		1.6	0.45	36.5	T005 44 740 99 T005 44 740 10
XT M		3.2	1.2	39.5	T005 44 702 99 T005 44 702 10
XT B		2.4	0.8	36.0	T005 44 704 99 T005 44 704 10
XT BSL		2.4	0.45	36.0	T005 44 741 99 T005 44 741 10
XT B SL		2.5	0.8	36.3	T005 44 738 99 T005 44 738 10
XT C		3.2	0.8	36.0	T005 44 705 99 T005 44 705 10

Round



Type	Ø a mm	c mm	Order no.
XT BS	2.4	36.5	T005 44 715 99 T005 44 715 10
XT CS	3.2	36.5	T005 44 716 99 T005 44 716 10

Sloped



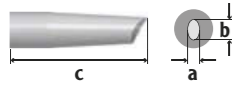
Type	a mm	c mm	Order no.
XT F 30°	1.2	36.5	T005 44 718 99 T005 44 718 10
XT AA 60°	1.6	36.5	T005 44 708 99 T005 44 708 10
XT BB 45°	2.4	36.5	T005 44 709 99 T005 44 709 10

Type	Ø a mm	b mm	c mm	Order no.
XT D	4.6	0.8	34.5	T005 44 706 99 T005 44 706 10
XT CSL	3.2	0.45	36.0	T005 44 742 99 T005 44 742 10
XT E	5.9	1.2	34.5	T005 44 707 99 T005 44 707 10
XT DL	4.6	0.8	39.5	T005 44 736 99
XT MX	3.2	0.8	53.5	T005 44 745 99 T005 44 745 10
XT HX	0.8	0.4	51.5	T005 44 737 99
XT AX 30°	1.6	0.7	51.5	T005 44 743 99 T005 44 743 10
XT BX 30°	2.4	0.8	51.5	T005 44 744 99 T005 44 744 10

Type	Ø a mm	c mm	Order no.
XT DS	5.0	34.5	T005 44 717 99 T005 44 717 10

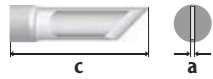
Type	a mm	c mm	Order no.
XT CC 45°	3.2	36.5	T005 44 710 99 T005 44 710 10
XT DDH 45°	4.0	40.5	T005 44 730 99 T005 44 730 10
XT AA 60°	1.6	36.5	T005 44 708 99 T005 44 708 10

Gull wing



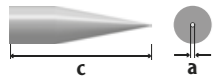
XT		Ø a mm	b mm	c mm	Order no.
XT GW1		2.3	3.2	36.5	T005 44 712 99 T005 44 712 10
XT GW2		3.5	4.8	36.5	T005 44 735 99

Knife



Type	Ø a mm	c mm	Order no.
XT KN 60°	2.0	45.0	T005 44 711 99 T005 44 711 10

Conical



Type	Ø a mm	c mm	Order no.
XT O	1.0	36.5	T005 44 714 99 T005 44 714 10

Soldering head

Type	a mm	b mm	Order no.
XT Soldering head	10.0	4.0	T005 44 731 99
Spare soldering head	10.0	4.0	T005 44 731 90
XT Soldering head	20.0	4.0	T005 44 732 99
Spare soldering head	20.0	4.0	T005 44 732 90
XT Soldering head	33.0	4.0	T005 44 733 99
Spare soldering head	33.0	4.0	T005 44 733 90

Accessories

Type	a mm	c mm	Order no.
XT Measuring tip	0.5	40.0	T005 44 722 99
XT Adapter M4 Galvanised ferrous coating		36.0	T005 44 719 99
XT Adapter M5 Galvanised ferrous coating		36.0	T005 44 720 99

Type	Ø a mm	b mm	c mm	Order no.
XT GW3	0.8	0.9	41.5	T005 44 739 99 T005 44 739 10

Type	Order no.
Barrel	WXP 120 WP 120 T005 87 657 11 T005 87 637 09
Barrel for bent tips	WXP 120 WP 120 T005 87 657 66 T005 87 658 02

Packaging unit  
 ■ T005 XX XXX 99 = 1 piece  
 ■ T005 XX XXX 10 = 10 piece  
 ■ T005 XX XXX 11 = 100 piece

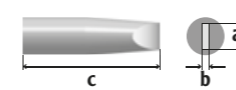


WXP 200 Soldering iron set with WDH 31 Safety rest

200 Watts high Power Soldering iron. Ideal for those applications with the highest heat demands e.g. LED backpanels or HF shieldings.  
 200 W | 24 V | Max. temperature 450°C | Order no. T005 29 206 99

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

Chisel



XHT		Ø a mm	b mm	c mm	Order no.
XHT C		3.2	1.2	48.0	T005 44 804 99
XHT D		5.0	1.2	48.0	T005 44 801 99

Type	Ø a mm	b mm	c mm	Order no.
XHT E	7.6	1.5	48.0	T005 44 802 99
XHT F	9.3	2.0	48.0	T005 44 805 99

Accessories

Type	a mm	b mm	c mm	Order no.
XHT Measuring Tip	1.25	6.0	55.0	T005 44 803 99
Barrel				T005 87 637 25

WXD and WXR Compatible tools



WXDP 120 Desoldering iron set 120 W, with excenter fixture, with WDH 70 Safety rest and PDN Plier Desoldering Nozzle

The fastest desoldering iron, reaching operating temperature in 35 seconds, it makes the most difficult desoldering challenge easy.  
 Integrated solder collector – for horizontal handling.  
 120 W | 24 V | Max. temperature 450°C | Order no. T005 13 202 99

- Intelligent, programmable desoldering iron
- For use horizontally
- 35 sec. heat up time and set-back-function
- Push and Pull Technology<sup>1)</sup>

<sup>1)</sup> Push and Pull Technology: easy change of the tin collector by pliers for desoldering nozzle PDN





WX compatible



- Intelligent, programmable desoldering iron
- For use vertically
- 35 sec. heat up time and set-back-function
- Push and Pull Technology<sup>1)</sup>

### WXDV 120 Desoldering iron set 120 W, with excenter fixture, with WDH 40 Safety rest and PDN Pliers Desoldering Nozzle

The fastest inline desoldering iron, reaching operating temperature in 35 seconds, it makes the most difficult desoldering challenge easy. Integrated solder collector – for vertical handling.  
120 W | 24 V | Max. temperature 450°C | Order no. T005 13 205 99

<sup>1)</sup> Push and Pull Technology: easy change of the tin collector by plier for desoldering nozzle PDN

### WXA and WXR Compatible tools



WX compatible

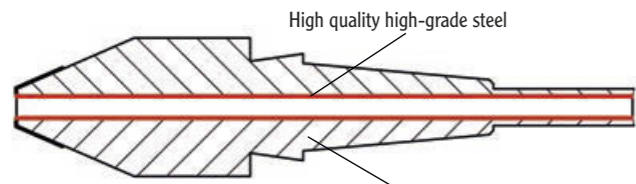


- Extensive range of nozzles to meet every application need
- Powerful 200 Watts design for comfortable and precise operation
- Ideal for working on surface mounted components and suitable for EPA areas.

### WXHAP 200 Hot-air iron set with 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 | Order no. T005 27 120 99

### XDSL Series desoldering nozzles



Desoldering nozzles for WXDV 120 and WXDP 120 desoldering irons



- Longlife nozzles with extended lifetime
- Saving on cost of ownership of up to 27 %
- For WXDV 120 and WXDP 120 Desoldering irons

The new XDSL series desoldering nozzles have an integrated steel tube which reduces cost of ownership. A high grade stainless steel tube is located inside the nozzle to prevent the erosion of the nozzle's copper body by molten solder and flux. This system results in a longer lifetime than with standard nozzles.

#### Desoldering nozzles XDSL Series

Type	Ø Inner mm	Ø Outer mm	Nozzle length mm	Order no.
XDSL 1	1.4	2.5	10.5	T005 13 259 99 T005 13 259 10
XDSL 2	3.0	5.3	10.5	T005 13 260 99 T005 13 260 10
XDSL 3	1.0	2.3	10.5	T005 13 261 99 T005 13 261 10
XDSL 4	1.2	2.5	10.5	T005 13 262 99 T005 13 262 10
XDSL 5	1.8	3.3	10.5	T005 13 263 99 T005 13 263 10
XDSL 6	0.7	1.9	16.5	T005 13 264 99 T005 13 264 10
XDSL 7	1.2	2.7	16.5	T005 13 265 99 T005 13 265 10
XDSL 8	1.5	2.9	10.5	T005 13 266 99 T005 13 266 10

#### Desoldering nozzles XDS Series

Type	Ø Inner mm	Ø Outer mm	Nozzle length mm	Order no.
XDS 1	1.4	2.5	10.5	T005 13 250 99 T005 13 250 10
XDS 2	3.0	5.3	10.5	T005 13 251 99 T005 13 251 10
XDS 3	1.0	2.3	10.5	T005 13 252 99 T005 13 252 10
XDS 4	1.2	2.5	10.5	T005 13 253 99 T005 13 253 10
XDS 5	1.8	3.3	10.5	T005 13 254 99 T005 13 254 10
XDS 6	0.7	1.9	16.5	T005 13 255 99 T005 13 255 10
XDS 7	1.2	2.7	16.5	T005 13 256 99 T005 13 256 10
XDS 8	1.5	2.9	10.5	T005 13 257 99 T005 13 257 10
XDS 9	0.55	2.2	11.0	T005 13 258 99

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

Type	Description	Width A mm	Width B mm	Order no.
	Adapter M6 for HAP 200			T005 87 617 28
F02	Flat nozzle	8.0	1.5	T005 87 277 74
F04	Flat nozzle	10.5	1.5	T005 87 277 73
F06	Flat nozzle	12.0	1.5	T005 87 277 72

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

Type	Description	Ø mm	Distance C mm	Length C mm	Order no.
R02	Round nozzle	0.8			T005 87 278 23
R04	Round nozzle	1.2			T005 87 278 21
R06	Round nozzle	3.0			T005 87 278 22
R10	Round nozzle long	2.0		50	T005 87 277 87
R08	Round nozzle long bent	2.0		50	T005 87 277 86
FD2	Dual nozzle	1.5	8		T005 87 277 76
FD4	Dual nozzle	1.5	10		T005 87 277 75

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

Type	Description	Length X mm	Width Y mm	Order no.
D04	Adapter M6 for HAP 200	10.5	10.5	T005 87 277 79
D06	Flat nozzle	13.0	10.0	T005 87 277 82
D08	Flat nozzle	15.0	10.0	T005 87 277 81
D10	Flat nozzle	18.0	10.0	T005 87 277 84

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

Type	Description	Length X mm	Width Y mm	Order no.
Q02	Hot-air nozzle 4 sides heated	6.0	6.5	T005 87 277 77
Q04	Hot-air nozzle 4 sides heated	6.0	9.0	T005 87 277 78
Q06	Hot-air nozzle 4 sides heated with pre-heating plate	15.0	10.0	T005 87 277 80
Q08	Hot-air nozzle 4 sides heated with pre-heating plate	12.5	15.0	T005 87 277 83
SK709	Hot-air nozzle 4 sides heated with pre-heating plate	12.0	12.0	T005 87 278 12
Q10	Hot-air nozzle 4 sides heated with pre-heating plate	18.0	18.0	T005 87 277 85
R01	Measuring nozzle for calibration			T005 87 278 08



### WX Compatible fume extraction



#### Zero Smog 4V

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

Order no.  
T005 36 606 99



#### Zero Smog 6V

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

Order no.  
T005 36 666 99



#### Zero Smog 20T

Mobile fume extraction for tip extraction at the soldering tip, with a built-in turbine. Up to 20 FE-Soldering irons.

Order no.  
T005 36 706 99



### WX Compatible heating plates



#### WHP 1000

Preheating plate 1000 W | 230 V  
Heated surface area: 220 x 150 mm

Order no.  
T005 33 648 99



#### WHP 3000, 600 W

Infrared preheating plate 600 W | 230 V  
With Easy-Fix-circuit board holder  
Heated surface area: 120 x 190 mm

Order no.  
T005 33 386 99



#### WHP 3000, 1200 W

Infrared preheating plate 1200 W | 230 V  
With Easy-Fix-circuit board holder  
Heated surface area: 190 x 245 mm

Order no.  
T005 33 646 99

& WX Compatible heating plate



WXHP 120

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

Order no.  
T005 27 029 99

& WX Compatible soldering bath



WXSb 200

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

Order no.  
T005 27 043 99

& WX Adapter / Accessories



WX Adapter for PC

Order no.  
T005 87 647 11



WX Adapter for Zero Smog

Order no.  
T005 87 647 12



WX Connection cable, 2 m

Order no.  
T005 87 647 10



WX HUB for control of Zero Smog

Order no.  
T005 87 647 26



WFV 60A Automatic butterfly valve

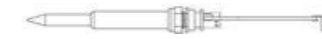
Order no.  
T005 87 627 46



Foot switch WXA | WXD | WXR

Order no.  
T005 87 647 46

& WX Compatible for use in solder robots



HERX 120 Heating element

Heating element 120 W | for solder robot application with WX 1 / WX 2

Order no.  
T005 87 657 40

Cord for HERX 120

Cord for HERX 120 | 1.6 m

Order no.  
T005 87 657 15

XTR Soldering tips for  
HERX 120

Type	Ø Width mm	Ø Thickness mm	Length mm	Order no.
XTR A	1.6	0.7	36.0	T005 44 723 99
XTR B	2.4	0.8	35.0	T005 44 724 99
XTR C	3.2	0.8	35.0	T005 44 725 99
XTR D	4.6	0.8	34.5	T005 44 726 99
XTR E	5.9	1.2	34.5	T005 44 727 99
XTR M	3.2	1.2	39.0	T005 44 728 99



Technical data



WX 1 Soldering power unit



WX 2 Soldering power unit



WXD 2 Desoldering power unit



WXA 2 Hot-air power unit



WXR 3 Rework power unit



Dimensions L x W x H	170 x 151 x 130 mm (6.69 x 5.94 x 5.12 inch)	
Weight	ca. 3.2 kg	
Mains supply	230 V   50 Hz	
Power consumption	200 W	200 W (255 W)
Temperature range	Adjustable temperature range 50°C – 550°C (150°F – 999°F) Adjustable temperature range varies among tools	
Temperature accuracy	± 9°C (± 17°F)	
Temperature stability	± 2°C (± 4°F)	
Equipotential bonding	Via 3.5 mm pawl socket on back of device (normal state hard grounded)	
Material Touch Panel	Made of antistatic coated material (glas)	
Air flow rate	-	
Pressure	-	
Bleeder	Soldering tip (tip to ground) equal to IPC-J-001	
USB interface and RS 232 interface	yes	
Pump (Intermittent mode (30/30) s)	-	
Pump	-	
Order no.	T005 34 173 99	T005 34 203 99

Dimensions L x W x H	170 x 151 x 130 mm (6.69 x 5.94 x 5.12 inch)		273 x 235 x 102 mm (10.75 x 9.25 x 4.02 inch)
Weight	ca. 3.8 kg	ca. 3.8 kg	ca. 6.7 kg
Mains supply	230 V   50 Hz		230 V   50 Hz
Power consumption	200 W (255 W)		420 W (600 W)
Temperature range	Adjustable temperature range 50°C – 550°C (150°F – 999°F) Adjustable temperature range varies among tools		Adjustable temperature range 100°C – 550°C (200°F – 999°F) Adjustable temperature range varies among tools
Temperature accuracy	± 9°C (± 17°F)	Hot-air iron ± 30°C (± 54°F) soldering iron ± 9°C (± 17°F)	± 9°C (± 17°F) (WXHAP 200 ± 30°C / ± 80°F)
Temperature stability	± 2°C (± 4°F)		± 2°C (± 4°F)
Equipotential bonding	Via 3.5 mm pawl socket on back of device (normal state hard grounded)		Via 3.5 mm pawl socket on back of device (normal state hard grounded)
Material Touch Panel	Made of antistatic coated material (glas)		-
Air flow rate	ca. 35 l / min	ca. 0 – 20 l / min.	-
Pressure	Inlet pressure 400 – 600 kPa (58 – 87 psi), oil-free, dry compressed air	Inlet pressure, 400 kPa (58 psi), oil-free, dry compressed air or nitrogen (N <sub>2</sub> )	-
Bleeder	Soldering tip (tip to ground) equal to IPC-J-001		Soldering tip (tip to ground) equal to IPC-J-001
USB interface and RS 232 interface	yes		yes
Pump (Intermittent mode (30/30) s)	Venturi		Max. vacuum 0.7 bar, delivery rate 18 l / min, max. hot-air 15 l / min
Pump	-		Max. vacuum 0.5 bar, max. delivery rate 1.7 l / min
Order no.	T005 34 263 99	T005 34 256 99	T05 35 006 99

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