WX **TEAM**

One platform – Up to every challenge

GENUINE
· Weller ®
Approved tip quality

Weller ®

OUR WX TEAM

Five pros – any challenge.

WX 1

WX 2

WXR 3

WXD 2

WXA 2

OUR WX TEAM

The five specialists from the Weller WX Team 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

ISO MIL IPC TRACEABILITY QUALITY

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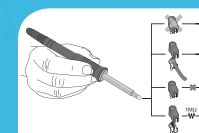
Maximum safety, maximum flexibility
A unique equipotential bonding connection is provided free of charge. The jack sleeve has 4 possible settings: hard earthed, equipotential bonding, floating and soft earthed.

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 a lso go into standby mode.

TRACEability qualified

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.

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.
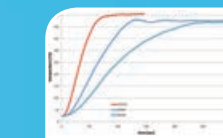
WX 2

WX 1

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.

± 2 °C **Temperature stability/accuracy**
All WX Soldering tools have a temperature stability of ± 2° C and a temperature accuracy of ± 9° 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 WX Team. 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 WXPD 120 Desoldering iron, you can tackle jobs you hardly thought possible. With a heating time of 35 seconds, the WXDP 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.
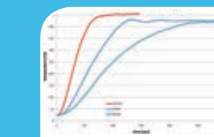
Fastest desoldering iron
With its 120 Watts and extremely short heating time, the desoldering iron can easily handle jobs that would have been difficult in the past, including desoldering high mass PCBs.

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 WXDP 120 is designed for horizontal operation and the WXDV 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
WXSB 200 Solder bath

Solder fume extractors
Zero Smog 4V
Zero Smog 6V
Zero Smog 20T

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.

600 Watt

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

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

ALEX
HIS AIRNESS

The elegant player in the WX Team 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 WX **TEAM**

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.

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

TRACEABILITY SYSTEM

ERP   MES   CONTROL
                SYSTEM

3b 4a 6a

IN ①   ②

XML
Unit Data

OUT

3b 4a 6a

WELLER
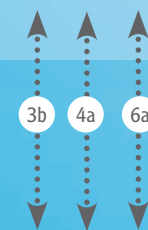
**TRACEABILITY INTERFACE
RS 232, USB**

380 °C

4b

EQUIPMENT

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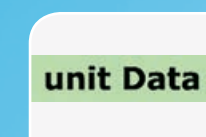
6.b. **unitData: Transmission of soldering
     process data. (XML-File).**

unit Data

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**

Active Tip Power Response Silver Line

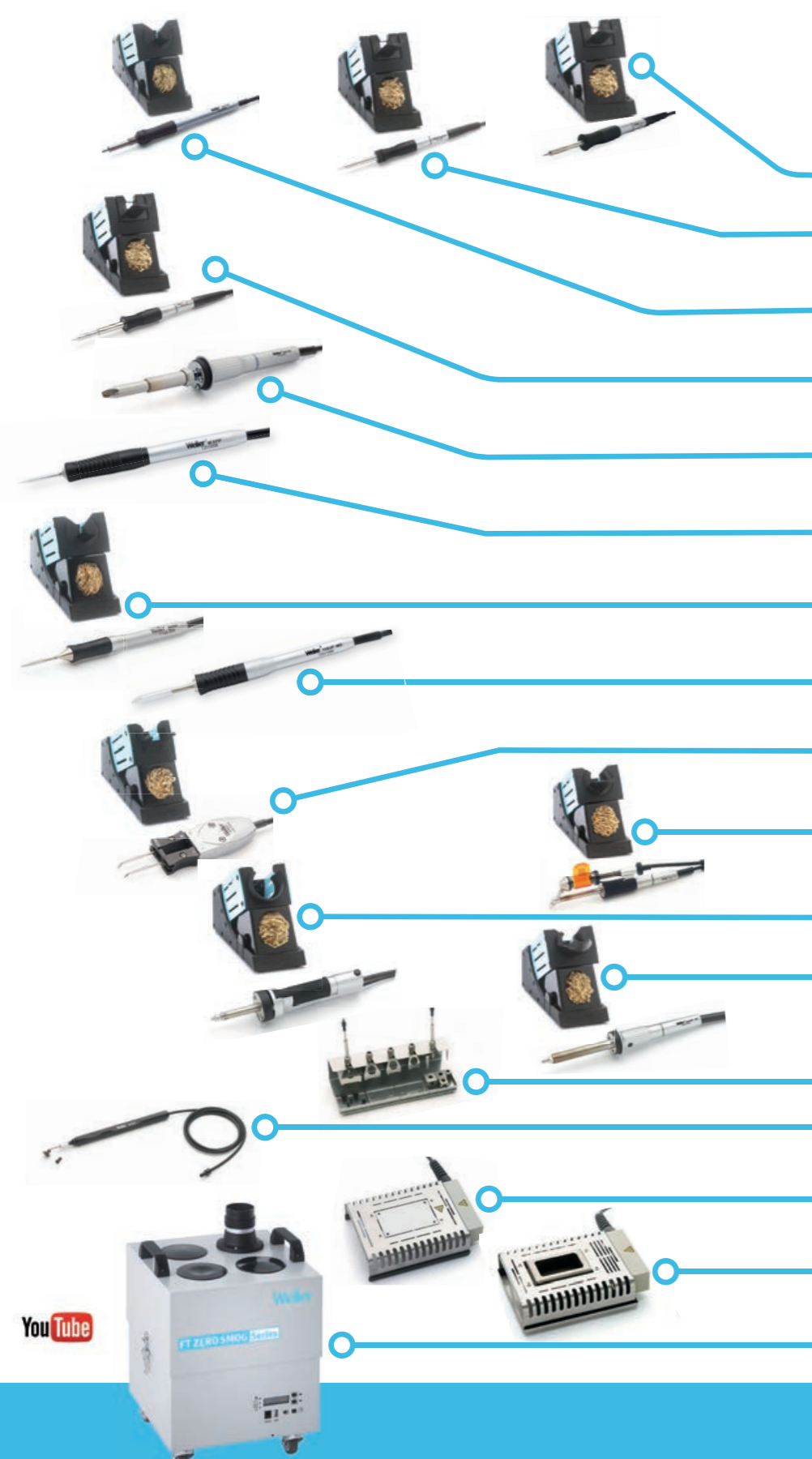|	200 W (255 W) WX1 1-channel soldering station T0053417699N	200 W (255 W) WX2 2-channel soldering station T0053420699N	200 W (255 W) WXD2 3-channel soldering, desoldering and hot air station T0053426699N	420 W (600 W) WXR3 3-channel soldering, desoldering and hot air station T0053500699N
WXP 65 SET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

Overview WX Sets

Weller®

⬤ 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   Order no.
Desoldering Nozzle, WDH 30, WDH 70, WDH 10 Safety rests   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,   Order no.
WDH 30, WDH 70, WDH 10 Safety rests   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   Order no.
Desoldering Nozzle, WDH 30, WDH 70, WDH 10 Safety rests   T005 35 036 99

⬤ WXD Desoldering stations

WXD 2010 Set

WXD 2 Power unit, WXDP 120 High-Power Desoldering   Order no.
iron (120 W / 24 V), WDH 70 Safety rest and PDN   T005 34 286 99
Pliers Desoldering Nozzle   T005 34 283 99 (UK)

WXD 2020 Set   🔧 **Power Response**

WXD 2 Power unit, WXDP 120 High-Power Desoldering iron   Order no.
(120 W / 24 V) and WDH 70 Safety rest, WXP 120 Soldering   T005 34 296 99
iron with WDH 10 Safety rest and PDN Pliers Desoldering Nozzle   T005 34 293 99 (UK)

⬤ WXA Hot-air station

WXA 2010 Set

   Order no.
WXA 2 Hot-air power unit, WXHAP 200 (200 W / 24 V) Hot-air iron   T005 34 306 99
and WDH 30 Safety rest   T005 34 303 99 (UK)

⬤ WX Soldering stations

WX 1010 Set   🔧 **Power Response**
   Order no.
WX 1 Power unit with WXP 120 Soldering iron (120 W / 24 V)   T005 34 186 99
and WDH 10 Safety rest   T005 34 183 99 (UK)

WX 1011 Set   🔴 **Active Tip**
   Order no.
WX 1 Power unit with WXMP Soldering iron (55 W / 12 V)   T005 34 196 99
and WDH 51 Safety rest   T005 34 193 99 (UK)

WX 1012 Set   🔧 **Power Response**
   Order no.
WX 1 Power unit with WXP 65 Soldering iron (65 W / 24 V)   T005 34 276 99
and WDH 10 Safety rest   T005 34 273 99 (UK)

WX 2020 Set   🔧 **Power Response**
   Order no.
WX 2 Power unit with 2 x WXP 120 Soldering irons (120 W / 24 V)   T005 34 216 99
and 2 WDH 10 Safety rests   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   Order no.
(2 x 40 W / 12 V) and WDH 60 Safety rest   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)**

For use with

Soldering Iron: WXPP / WXPP MS   Station: WX

CHISEL

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

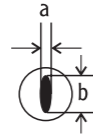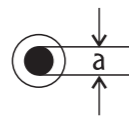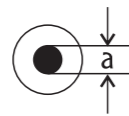| Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 004 B		40	WXPP	WSR 208	17.0 0.669	0.4 0.016	T0050103799
RTP 004 B MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	16.3 0.642	0.4 0.016	T0050101999
RTP 012 B		40	WXPP	WSR 208	17.0 0.669	1.2 0.047	T0050103899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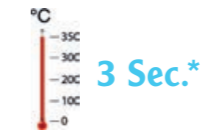
°C

3 Sec.*

*from 50°C to 350°C / 120°F to 620°F

Component size

XS TO S

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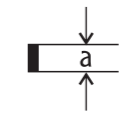
Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 020 G		40	WXPP	WSR 208	16.6 0.654	2.0 0.079	T0050104899
RTP 020 G MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	15.9 0.626	2.0 0.079	T0050103099

KNIFE
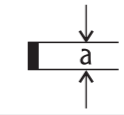
Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTP 010 K		40	WXPP	WSR 208	16.3 0.642	1.0 / 0.2 0.039 / 0.008	T0050104599
RTP 010 K MS	MIL-SPEC VERSION AVAILABLE	40	WXPP MS	WSR 208	15.9 0.626	1.0 / 0.2 0.039 / 0.008	T0050102799
RTP 010 K NW		40	WXPP	WSR 208	16.6 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.
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GENUINE Weller Approved tip quality

Weller®

RT Micro

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

CHISEL

For use with

Soldering Iron: WXMP
WXMP MS
WMRP
WMRP MS

Station: WX   or   Station: WT

Weller®
GENUINE
Weller®
Approved tip quality

New name	Old name		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTM 003 S	RT 1SC03		40	WXMP	WSR 200	19.0 / 0.748	0.3 / 0.15 / 0.012 / 0.006	T0054461270N
RTM 003 S NW	RT 1SCNW		40	WXMP	WSR 200	19.0 / 0.748	0.3 / 0.1 / 0.012 / 0.004	T0054462699N
RTM 003 S NW MS	RT 1SCNWMS	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 1SC		40	WXMP	WSR 200	19.0 / 0.748	0.4 / 0.15 / 0.016 / 0.06	T0054461299N
RTM 004 S MS	RT 1SCMS	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
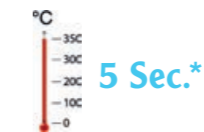40 W (55W)
T0052921399N

WMRP
40 W (55W)
T0052917199N

WMRP MS
40 W (55W)
T0052919299N

Heat up time
°C

5 Sec.*

*from 50°C to 350°C / 120°F to 620°F

Component size

M TO L

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

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RT Micro

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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

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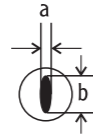www.weller-tools.com/nocompromise

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

Soldering Iron: WXUP MS   Station: WX

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

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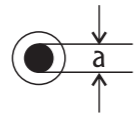
Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 020 B MS	MIL-SPEC VERSION AVAILABLE	150	WXUP MS	WSR 200	29.0 1.142	2.0 0.079	T0050105599
RTU 035 B MS	MIL-SPEC VERSION AVAILABLE	150	WXUP MS	WSR 200	29.0 1.142	3.5 0.138	T0050105699
RTU 050 B MS	MIL-SPEC VERSION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

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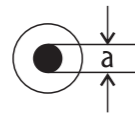
Model		Watt	Soldering Iron	Safety Rests	Length (mm) (inch.)	a / b (mm) (inch.)	Order No.
RTU 004 C MS	MIL-SPEC VERSION AVAILABLE	150	WXUP MS	WSR 200	27.5 1.083	0.4 0.016	T0050104999
RTU 008 C MS	MIL-SPEC VERSION AVAILABLE	150	WXUP MS	WSR 200	29.0 1.142	0.8 0.031	T0050105099
RTU 016 C MS	MIL-SPEC VERSION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

24

SOLDERING IRON

WXUP MS
150 W
T0052923099

Heating up time
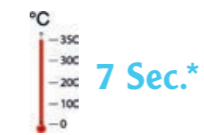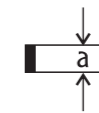
°C

7 Sec.*

*from 50°C to 350°C / 120°F to 620°F

Component size

XL TO XXL

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

GULLWING

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

BLADE

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

MS handles and MS soldering tips have to be used together.
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MS tips provide a separate ground.

Make no compromise in high-end soldering.
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25

WX compatible

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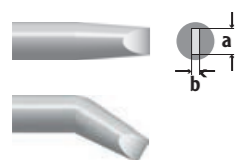- Excellent response time

WX compatible

- 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

WXP65 soldering iron set with XNTA tip and WDH10 safety rest
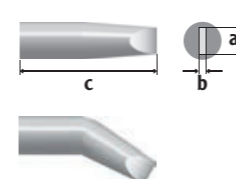
WX compatible

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

WX compatible

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

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

* Unwettable

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

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

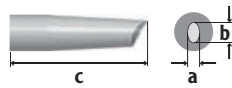### Knife

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

* Unwettable

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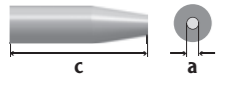- T005 XX XXX 11   = 100 piece

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.	Type	Ø a mm	c mm	Order no.
XNT 1S	0.2	28.5	T005 44 852 99 T005 44 852 10	XNT 1X	0.4	28.0	T005 44 865 99 T005 44 865 10
XNT 1LX	0.2		T005 44 872 99 T005 44 872 10	XNT 1SLX 45°	0.4	39.5	T005 44 875 99 T005 44 875 10

SMT

Type	Ø a mm	b mm	c mm	Order no.	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 03	20.8	0.6	7.1	T005 44 878 99
XNT SMT 02	16.8	0.6	7.1	T005 44 877 99					

Highspeed

HS

Type	Ø a mm	b mm	c mm	Order no.	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 S HS	0.4			T005 44 896 99 T005 44 896 10
XNT 1S HS	0.2		28.5	T005 44 889 99 T005 44 889 10	XNT AS HS	1.6			T005 44 897 99 T005 44 897 10
XNT 4 HS	1.2			T005 44 890 99 T005 44 890 10	XNT 1L HS	0.2			T005 44 898 99 T005 44 898 10
XNT 6 HS	1.6	0,.4	29.5	T005 44 891 99 T005 44 891 10	XNT 1LX HS	0.2			T005 44 8 99 99 T005 44 8 99 10
XNT H HS	0.8	0.4	28.0	T005 44 892 99 T005 44 892 10	XNT HX HS 30°	0.8	0.4	36.5	T005 44 900 99 T005 44 900 10
XNT K HS	1.2	0.4	28.0	T005 44 893 99 T005 44 893 10	XNT 4X HS 45°	1.2	0.4	34.6	T005 44 901 99 T005 44 901 10
XNT AX HS	1.6	0.8	28.0	T005 44 894 99 T005 44 894 10	XNT 1SLX HS 45°	0.4		39.5	T005 44 902 99 T005 44 902 10
XNT 1X HS	0.4		28.0	T005 44 895 99 T005 44 895 10	XNT F HS 45°	1.2			T005 44 903 99 T005 44 903 10

Accessories

Type	Ø a mm	c mm	Order no.	Type	Order no.
Measuring tip	0.6	31.3	T005 44 861 99	Barrel	T005 87 657 58
XNT Screw M4		26.0	T005 44 879 99	Barrel for bent tips	T005 87 657 67

WX compatible

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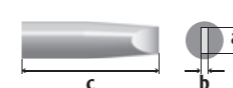- Improved heater sensor positioning
- Short recovery time

Weller®

WXP 120 Soldering iron set with WDH 10 Safety rest

Excellent all-round 120 Watts ion. 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

Chisel

XT	Ø a mm	b mm	c mm	Order no.	Type	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 D	4.6	0.8	34.5	T005 44 706 99 T005 44 706 10
XT A	1.6	0.7	36.5	T005 44 703 99 T005 44 703 10	XT CSL	3.2	0.45	36.0	T005 44 742 99 T005 44 742 10
XT AL	1.6	1.0	39.5	T005 44 701 99 T005 44 701 10	XT E	5.9	1.2	34.5	T005 44 707 99 T005 44 707 10
XT ASL	1.6	0.45	36.5	T005 44 740 99 T005 44 740 10	XT DL	4.6	0.8	39.5	T005 44 736 99
XT M	3.2	1.2	39.5	T005 44 702 99 T005 44 702 10	XT MX	3.2	0.8	53.5	T005 44 745 99 T005 44 745 10
XT B	2,.4	0.8	36.0	T005 44 704 99 T005 44 704 10	XT HX	0.8	0.4	51.5	T005 44 737 99
XT BSL	2.4	0.45	36.0	T005 44 741 99 T005 44 741 10	XT AX 30°	1.6	0,.7	51.5	T005 44 743 99 T005 44 743 10
XT B SL	2.5	0.8	36.3	T005 44 738 99 T005 44 738 10	XT BX 30°	2.4	0.8	51.5	T005 44 744 99 T005 44 744 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.	Type	Ø a mm	c mm	Order no.
XT BS	2.4	36.5	T005 44 715 99 T005 44 715 10	XT DS	5.0	34.5	T005 44 717 99 T005 44 717 10
XT CS	3.2	36.5	T005 44 716 99 T005 44 716 10				

Sloped
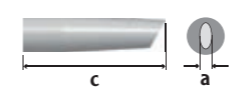
Type	a mm	c mm	Order no.	Type	a mm	c mm	Order no.
XT F 30°	1.2	36.5	T005 44 718 99 T005 44 718 10	XT CC 45°	3.2	36.5	T005 44 710 99 T005 44 710 10
XT AA 60°	1.6	36.5	T005 44 708 99 T005 44 708 10	XT DDH 45°	4.0	40.5	T005 44 730 99 T005 44 730 10
XT BB 45°	2.4	36.5	T005 44 709 99 T005 44 709 10	XT AA 60 °	1.6	36.5	T005 44 708 99 T005 44 708 10

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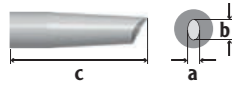
XT	Ø a mm	b mm	c mm	Order no.
XT GW1	2.3	3.2	36.5	T005 44 712 99 T005 44 712 10
XT GW2	3.5	4.8	36.5	T005 44 735 99

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

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
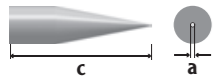
Type	Ø a mm	c mm	Order no.
XT 0	1.0	36.5	T005 44 714 99 T005 44 714 10

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		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

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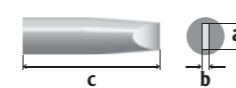■ Short recovery time

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

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

■ Intelligent, programmable desoldering iron
■ For use horizontally
■ 35 sec. heat up time and set-back-function
■ Push and Pull Technology [1]

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

[1] 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[1]

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

[1] Push and Pull Technology: easy change of the tin collector by plier for desoldering nozzle PDN

XDSL Series desoldering nozzles

High quality high-grade steel

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

WXA and WXR Compatible tools
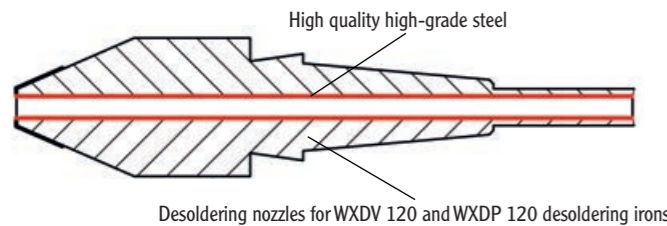
Weller®

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

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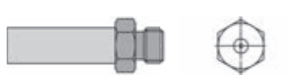
Hot-air nozzles WXHAP 200 Round nozzle (Typ R)

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.
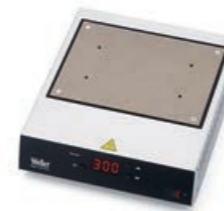
Order no.
T005 36 666 99

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

	WX 1	WX 2	WXD 2	WXA 2	WXR 3
Dimensions L x W x H	170 x 151 x 130 mm (6.69 x 5.94 x 5.12 inch)		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. 3.2 kg		ca. 3.8 kg	ca. 3.8 kg	ca. 6.7 kg
Mains supply	230 V | 50 Hz		230 V | 50 Hz		230 V | 50 Hz
Power consumption	200 W	200 W (255 W)	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 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)		± 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)		± 2°C (± 4°F)
Equipotentional 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)		Via 3.5 mm pawl socket on back of device (normal state hard grounded)
Material Touch Panel	Made of antistatic coated material (glas)		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$_2$)	–
Bleeder	Soldering tip (tip to ground) equal to IPC-J-001		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		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 34 173 99	T005 34 203 99	T005 34 263 99	T005 34 256 99	T05 35 006 99

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