



# WXTEAM

One platform – Up to every challenge



**Weller**<sup>®</sup>

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## WXR | WXD | WXA | WX Compatible tools

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## Technical data

WX 1 Soldering station   WX 2 Soldering station	
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# OUR WXT

Five pros – any challenge



## OUR WX TEAM

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



# WX SOLDE

## A new era of soldering

### TWO STATIONS – MANY ADVANTAGE

The powerful, user-friendly WX 1 and WX 2 Soldering stations have redefined reliability for manual soldering tasks is guaranteed for the automobile, aerospace. Any soldering process can be programmed easily using these intelligent devices assured. Whatever technique is used, these devices are intuitive and easy to use. language options. There is a choice between 1-channel and 2-channel stations.



## 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







## 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 WXTTEAM

# WXD 2 DESOLDERING

Remove solder with the best desoldering irons in the world.



## THIS DESOLDERING SYSTEM IS IM

With the 2-channel soldering station and WXD 2 Desoldering station, plus... tackle jobs you hardly thought possible. With a heating time of 35 seconds... high-performance soldering and desoldering.



# WXA 2 HO

The perfect solution for  
soldering jobs.



## 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 WXTTEAM



## HOT-AIR AND SOLDERING IN A SI

Clear handling advantages and tangible cost savings in one unit. That's  
Ideal for complex hot-air jobs or traditional soldering. The hot-air amount  
And of course the entire range of high-performance hot-air and soldering







# WXR 3 REV

Everything – and mo



## 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

## WXR 3 REWORK STATION

The WXR 3 Rework station is the perfect solution for all soldering, desoldering, and the most demanding tasks but is also ideal for standard jobs. All units can be used in a wide range of settings and surely thanks to their straight-forward settings. The station can also b



# TRACEABILITY

## Traceable Process Control.

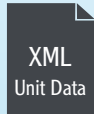
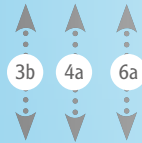
The following workflow diagram depicts a serial number with bar code integrated PCB production using the Weller WX station. The workflow includes the interactivity of the operator and the dialog of the Traceability System with the WX-Station.

### TRACEABILITY WORKFLOW

#### CUSTOMER

#### TRACEABILITY SYSTEM

ERP    MES    CONTROL SYSTEM



IN 1

2



#### WELLER

TRACEABILITY INTERFACE  
RS 232, USB



EQUIPMENT



4b



# TRACEability

Weller qualified



1. Begin processing of product:  
Scan PCB or product to be soldered.

2. Transmission of data to the Traceability System.

3.a. Prepare WX station: the Traceability System delivers process parameter selection data.



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



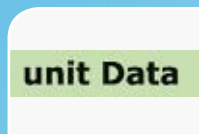
4.a. Optional Control: Process control:  
Error or O.K.

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

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

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

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



OUT








# WX TOOL SELECTION



OUR WX TEAM

	Tools
 Page 23	WXP 65   65 W Soldering iron   T005 29 212 99 (Set)
 Page 25	WXP 120   120 W Soldering iron   T005 29 202 99 (Set)
 Page 27	WXP 200   200 W Soldering iron   T005 29 206 99 (Set)
 Page 20	WXMP   40 W (55 W mit RT 11) Micro soldering iron T005 29 204 99 (Set)
 Page 22	WXMT   2 x 40 W Micro desoldering tweezers T005 13 178 99 (Set)
 Page 27	WXDP 120   120 W Desoldering iron   T005 13 202 99 (Set)
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 Page 29	WXHAP 200   200 W Hot-air iron   T005 27 120 99 (Set)
 Seite 11	WRK   Reflowset   T005 15 155 99
 Page 11	WVP   Vacuum pick-Up   T005 29 184 99
 Page 31	WHP 1000   1000 W Preheating plate   T005 33 648 99
 Page 31	WHP 3000   600 W Infrared preheating plate T005 33 386 99
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 Page 32	WXHP 120   120 W Preheating plate   T005 27 029 99
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 Page 31	Zero Smog 4V   Mobile fume extraction unit for up to 4 workplaces   T005 36 606 99
 Page 31	Zero Smog 6V   Mobile fume extraction unit for up to 6 workplaces   T005 36 666 99
 Page 31	Zero Smog 20T   Mobile fume extraction unit for up to 20 FE-Soldering irons   T005 36 706 99

# AN OVERVIEW OF THE ALLOCATION OF WX TOOLS

WX 1 T005 34 176 99 200 W (255 W)	WX 2 T005 34 206 99 200 W (255 W)	WXD 2 T005 34 266 99 200 W (255 W)	WXA 2 T005 34 256 99 200 W (255 W)	WXR 3 T00 5 35 006 99 420 W (600 W)
 <b>Soldering power unit with 1 channel</b>	 <b>Soldering power unit with 2 channels</b>	 <b>Desoldering power unit with 2 channels</b>	 <b>Hot-air power unit with 2 channels</b>	 <b>Rework power unit with 3 channels</b>
+	+	+	+	+
+	+	+	+	+
+	+	+	+	+
+	+	+	+	+
+	+	+	+	+
-	-	+	-	+
-	-	+	-	+
-	-	-	+	+
-	-	-	-	+
-	-	-	-	+
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+	+	+	+	+



# WX COMPATIBLE TOOLS



## WXP 65, 65 W

Small fast soldering iron with 65 watts. Qualified for fine solder jobs with high heating demand. Power response heating element technology.



## WXP 120, 120 W

Allrounder with 120 watts. For soldering applications from small to large components with high temperature demand. Power response heating element technology.



## WXP 200, 200 W

High power soldering iron. Ideal for applications with a high temperature demand, e.g. LED backpanels or HF shieldings. Power response heating element technology.



## WXMP, 40 W

Fine sline soldering iron. Ideal for microscop work. High performance by integrated active soldering tip. Active tip heating element technology.



## WXMT, 2 x 40 W

Slim tweezers. Ideal for soldering and desoldering of very small SMD components. Active tip heating element technology.



## WXDP 120, 120 W

High Power desoldering iron. Heat-up time 35 sec. only. It makes the most difficult desoldering challenge easy. Integrated solder collector – for horizontal handling.



## WXDV 120, 120 W

High Power desoldering iron. Heat-up time 35 sec. only. It makes the most difficult desoldering challenge easy. Integrated solder collector – for vertical handling.



## WXHAP 200, 200 W

Hot-air iron for soldering SMD devices. The integrated ion trap allows an ionic free air flow.





### **WHP 1000, 1000 W**

Preheating plate, heating surface 220 x 150 mm.



### **WHP 3000, 600 W**

Infrared preheating plate, heating surface 190 x 120 mm.



### **WHP 3000, 1200 W**

Infrared preheating plate, heating surface 245 x 190 mm.



### **WXHP 120, 120 W**

Preheating plate, 120 W with 30 % more heat output, for multilayer applications and high mass circuit boards, heating surface 80 x 50 mm.



### **WXSB 200, 200 W**

Soldering bath for preparing of strands.



### **Zero Smog 4V**

Mobile fume extraction unit for up to 4 work places.



### **Zero Smog 6V**

Mobile fume extraction unit for up to 6 work places.



### **Zero Smog 20T**

Mobile fume extraction unit for tip extraction for up to 20 work places.

# Overview WX Sets

## WXR Rework stations



### WXR 3030 Set

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



Power Response

Order no.  
T005 35 016 99



### WXR 3031 Set

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



Power Response

Order no.  
T005 35 026 99



### WXR 3032 Set

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



Power Response

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

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



Power Response

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

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

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



### WX 1011 Set

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

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



### WX 1012 Set

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

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



### WX 2020 Set


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

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



### WX 2021 Set

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

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

Weller offers the best tools for every soldering challenge. No soldering tip calibration required.



Maximum

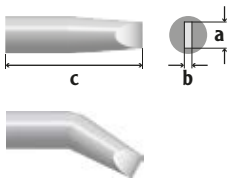


- Fast and easy tip change
- Exceptionally short heat up time
- Energy saving with standby function
- Excellent response time

**WXMP Micro soldering iron set with WDH 51 Safety rest**

Ideal for delicate and temperature sensitive applications and for use under a microscope; uses ultra fine tips with fastest heat response and best temperature-control; cartridge tips. 40 W, 12 V (55 W with RT 11) | Max. temperature 450°C | Order no. T005 29 204 99

**Chisel**



RT	a mm	b mm	Order no.
RT 1SC	0.4	0.15	T005 44 612 99
RT 1SCNW*	0.3	0.1	T005 44 626 99
RT 3	1.3	0.4	T005 44 603 99
RT 4	1.5	0.4	T005 44 604 99
RT 8	2.2	0.4	T005 44 608 99
RT 9	0.8	0.4	T005 44 609 99
RT 11	3.6	0.9	T005 44 611 99
RT 5 30°	0.8	0.4	T005 44 605 99

RT MS	a mm	b mm	Order no.
RT 1SCMS	0.4	0.15	T005 44 615 99
RT 1SCNWMS*	0.3	0.1	T005 44 626 71
RT 3MS	1.3	0.4	T005 44 616 99
RT 4MS	1.5	0.4	T005 44 618 99
RT 8MS	2.2	0.4	T005 44 622 99
RT 9MS	0.8	0.4	T005 44 623 99
RT 11MS	3.6	0.9	T005 44 631 99
RT 5MS 30°	0.8	0.4	T005 44 619 99
RT 3XMS 30°	1.3	0.5	T005 44 603 73

**Sloped**



Type	a mm	Order no.
RT 6 45°	1.2	T005 44 606 99

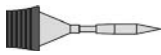
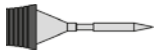

Type	a mm	Order no.
RT 6MS 45°	1.2	T005 44 620 99

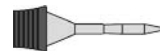
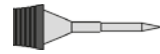
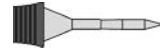


\* Unwetttable

MS tips: separately grounded

**Conical**

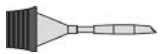


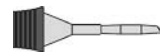
Type	Ø a mm	Order no.
RT 1 	0.2	T005 44 601 99
RT 1NW* 	0.1	T005 44 625 99
RT 2 	0.8	T005 44 602 99

Type	Ø a mm	Order no.
RT 1MS 	0.2	T005 44 614 99
RT 1NWMS* 	0.1	T005 44 625 71
RT 2MS 	0.8	T005 44 617 99
RT 12MS 25° 	0.5	T005 44 632 99
RT 13MS 30° 	0.4	T005 44 633 99

**Gull wing**

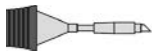


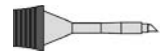
Type	a mm	b mm	Order no.
RT 10GW 	1.2	2.0	T005 44 610 99

Type	Ø a mm	b mm	Order no.
RT 10GWMS 	1.2	2.0	T005 44 624 99

**Knife**




Type	Ø a mm	Order no.
RT 7 45° 	2.2	T005 44 607 99

Type	Ø a mm	Order no.
RT 7MS 45° 	2.2	T005 44 621 99

MS tips: separately grounded

**Measuring tip**

Type	Order no.
RT Measuring tip 	T005 44 613 99

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 29 213 99 WXMP MS Soldering iron handle packed  
 T005 29 217 99 WXMP MS Soldering iron with WDH 51 Safety rest  
 T005 29 192 99 WMRP MS Soldering iron handle packed

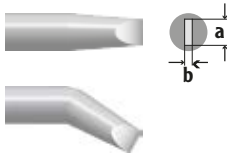


- Fast and easy tip change
- Exceptionally short heat up time
- Energy saving with standby function
- Excellent response time

## 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

\* Unwetable

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

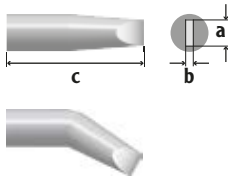


- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time

## WXP 65 Soldering iron set with WDH 10 Safety rest

Small fast soldering iron. Suitable for fine soldering jobs with a high heat demand.  
65 W | 24 V | Max. temperature 450°C | Order no. T005 29 212 99

### 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

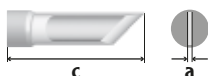
### Conical



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

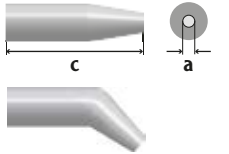
Packaging unit  
 ■ T005 XX XXX 99 = 1 piece  
 ■ T005 XX XXX 10 = 10 piece  
 ■ T005 XX XXX 11 = 100 piece



## Gull wing




<b>XNT</b>	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

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









## SMT

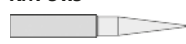

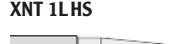


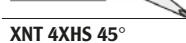
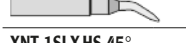

Type	Ø a mm	b mm	c mm	Order no.
XNT SMT 01 	10.4	0.6	7.1	T005 44 876 99
XNT SMT 02 	16.8	0.6	7.1	T005 44 877 99

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


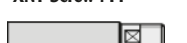
## Highspeed





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 1SHS 	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 AXHS 	1.6	0.8	28.0	T005 44 894 99 T005 44 894 10
XNT 1XHS 	0.4		28.0	T005 44 895 99 T005 44 895 10

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 44 899 99 T005 44 899 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 1SLXHS 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

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



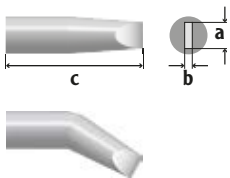


- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time

**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

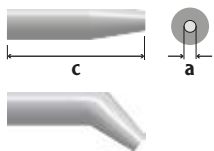
**Chisel**



XT	Ø a mm	b mm	c mm	Order no.
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

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

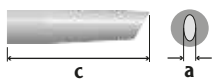
**Round**



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

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

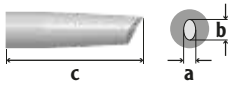
**Sloped**





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	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

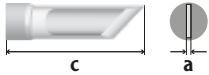
## Gull wing



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

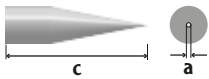
Type	Ø a mm	b mm	c mm	Order no.
XT GW3	0.8	0.9	41.5	T005 44 739 99 T005 44 739 10

## 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

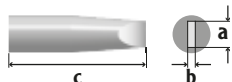




- Low price interchangeable soldering tips
- Maximum heat transfer
- Improved heater sensor positioning
- Short recovery time



## 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<sup>1)</sup>

## 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

<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>

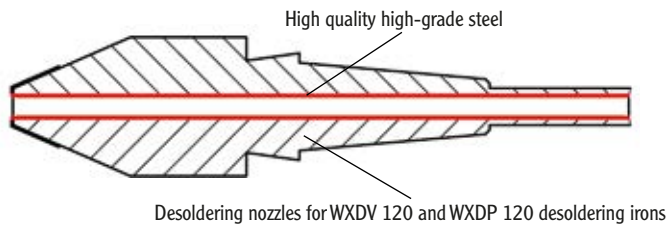
## WXDV 120 Desoldering iron set 120 W, with excenter fixture, with WDH 40 Safety rest and PDN Pliers Desoldering Nozzle

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









## XDSL Series desoldering nozzles












- 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



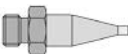


- Extensive range of nozzles to meet every application need
- Powerful 200 Watts design for comfortable and precise operation
- Ideal for working on surface mounted components and suitable for EPA areas.





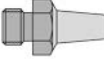





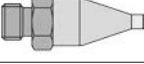



## WXHAP 200 Hot-air iron set with WDH 30 Safety rest

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

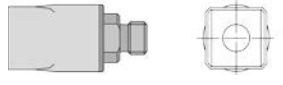
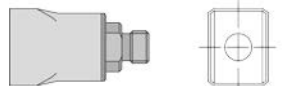
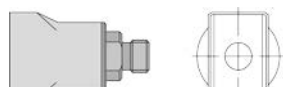

### Hot-air nozzles WXHAP 200 Flat nozzle (Typ F)

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

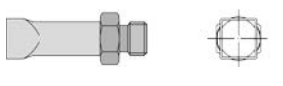
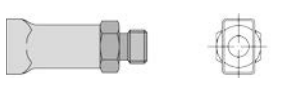
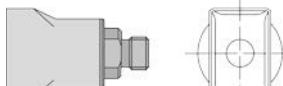
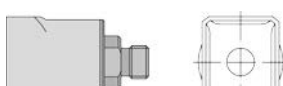



### Hot-air nozzles WXHAP 200 Round nozzle (Typ R)

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





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



**WXD 2 Desoldering power unit**



**WXA 2 Hot-air power unit**



**WXR 3 Rework power unit**



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)
ca. 3.8 kg	ca. 3.8 kg	ca. 6.7 kg
230 V   50 Hz		230 V   50 Hz
200 W (255 W)		420 W (600 W)
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
± 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)
± 2°C (± 4°F)		± 2°C (± 4°F)
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)
Made of antistatic coated material (glas)		–
ca. 35 l / min	ca. 0 – 20 l / min.	–
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> )	–
Soldering tip (tip to ground) equal to IPC-J-001		Soldering tip (tip to ground) equal to IPC-J-001
yes		yes
Venturi		Max. vacuum 0.7 bar, delivery rate 18 l / min, max. hot-air 15 l / min
–		Max. vacuum 0.5 bar, max. delivery rate 1.7 l / min
T005 34 263 99	T005 34 256 99	T05 35 006 99

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