

Powerful Soldering Intelligence on a Single Platform.

Weller® WX - intelligent hand soldering solutions
for electronic assemblies.



Weller®

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WX platform - WX | WXD | WXA

Unparalleled intelligence in a hand soldering station.



Robust Touch Screen

Patented, capacitive touch screen made of antistatic, chemical and temperature resistant glass



Intuitive Interface

Six touch keys with radius finger guide for turn-and-click navigation



Global Language Support

Display multiple languages through menu selection



Automatic tool recognition

WX tool connection for interference-free, digital data transfer | Soldering bits can be changed quickly thanks to an interlocking ring that can be operated with one hand (Note: To achieve perfect soldering results, we recommend choosing the correct tool rather than just changing the soldering tip)



Multi-Purpose USB Port

Quick and localized software updates, parameter configuration and data logging via USB stick



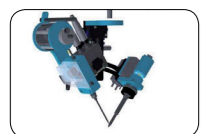
ESD safe

Will not damage or degrade sensitive components and is safe to use in protected assembly areas.



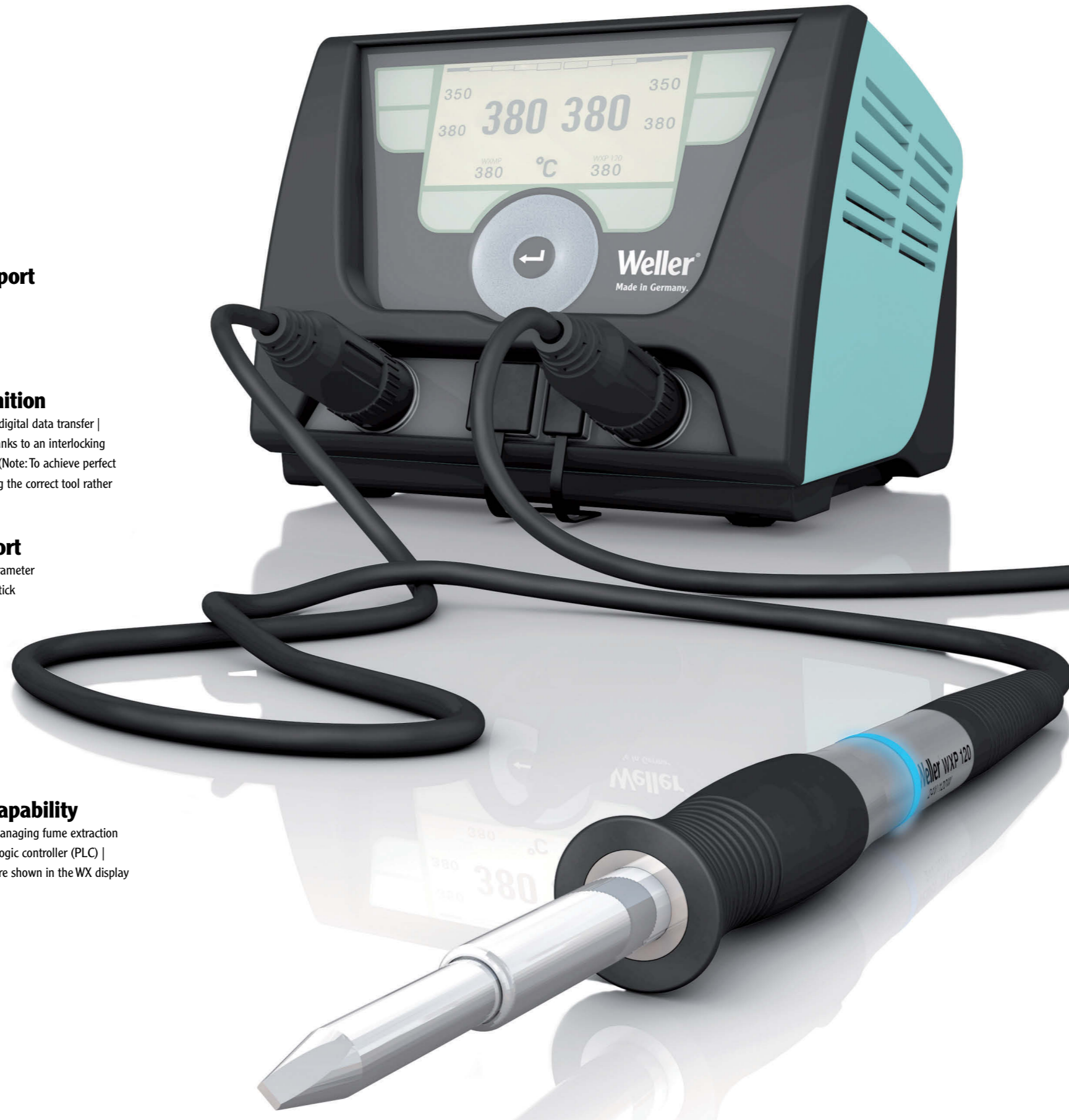
Benchtop controller capability

Two connections which can be used for managing fume extraction units, heating plates and programmable logic controller (PLC) | Temperature, speed and status message are shown in the WX display



compatible for use in solder robots

Standard digital and decoupled robot connection



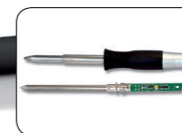
Automatic Energy Saving Mode

Selectable stand-by mode with visual process control via blue LED light ring on most models (light on = heater on, light is blinking = Standby or heating up, light off = heater off)



Traceability

WX stations are traceability capable and can be easily implemented into an existing traceability process.



OFF-Set function

Allows for the readjustment of the iron; the actual temperature measured at the tip can be set to the WX displayed temperature. The iron must be parameterized only one time independent of the station it is used with.



Parameterspeicher im Kolben

Tool or iron specific parameterization is possible. Among other parameters, the standby temperature, automatic shut down time and the maximum hit air time (WXHAP 200 only) can be programmed. The tool or iron must be parameterized only one time independent of the station it is used with.

WX-Soldering Station. A new era of soldering.



WXP 65 Soldering Iron
Small fast soldering iron. Suitable for fine solder jobs with high heat demand.

WXP 120 Soldering Iron
All-rounder with 120 watts. For soldering applications from small to large components with higher heat demand.

WXP 200 Soldering Iron
High Power soldering iron. Ideal for applications with high mass applications e.g. LED backpanels or RF shieldings.

visual process control via blue LED light ring
Selectable stand-by mode with visual process control via blue LED light ring on most models (light on = heater on, light is blinking = Standby or heating up light off = heater off)

Increased Accuracy
Digital sensor in pencil optimized at short range for peak performance

+
WX-Soldering Station compatibility

+
Löten
WXP 65 soldering iron
WXP 120 soldering iron
WXP 200 soldering iron
WXMP micro-soldering iron
WXMT desoldering tweezers

&
Accessories
WHP 1000 heating plate
WHP 3000 heating plate
WXHP 120 heating plate
WXSB 200 soldering bath

↑
Fume Extraction
Zero-Smog 4V
Zero-Smog 6V
Zero-Smog 20T

WXD-Desoldering Station.

The world's fastest desoldering irons!



WXP 65 soldering iron
WXP 120 soldering iron
WXP 200 soldering iron
WXMP micro-soldering iron
WXMT desoldering tweezers



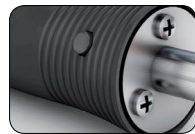
WXDP 120 desoldering iron
WXDV 120 desoldering iron



WHP 1000 heating plate
WHP 3000 heating plate
WXHP 120 heating plate
WXS 200 soldering bath



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



User-friendly handling

An ergonomic, soft grip handle with an integrated finger switch for applying the vacuum lets both left and right handed operators work comfortably and efficiently. The short distance between the solder cartridge and the handle prevents the tool twisting.



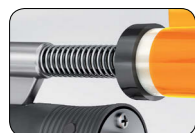
No more tedious cleaning

The extended shaft in the new XDS series nozzles deposits molten solder directly into the solder cartridge and when the time comes to replace the nozzle the suction path is replaced. Therefore the time consuming task of cleaning the tool is no longer required, production time is increased and costs reduced.



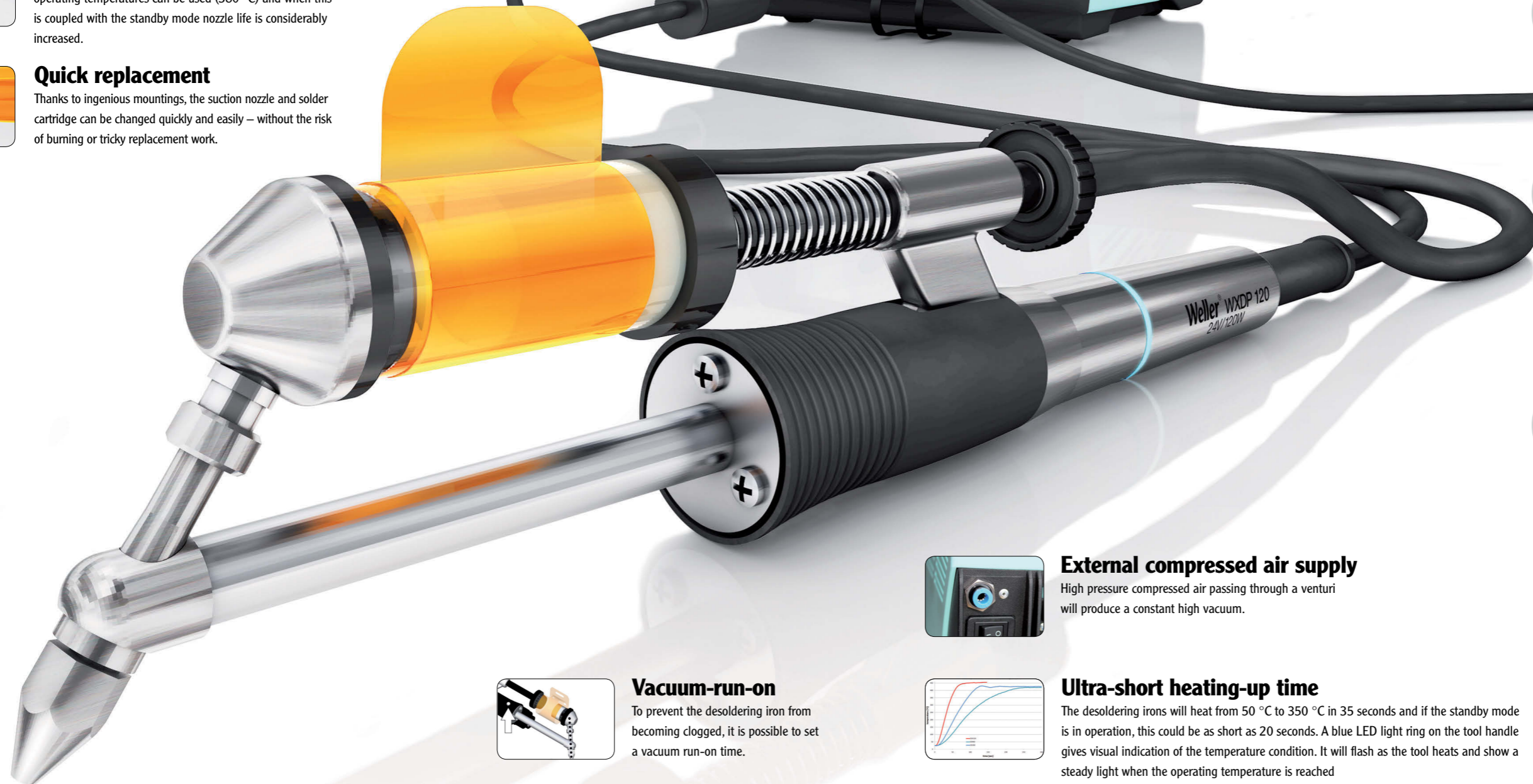
Extended life

The high power element with fast response means that lower operating temperatures can be used (380 °C) and when this is coupled with the standby mode nozzle life is considerably increased.



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.



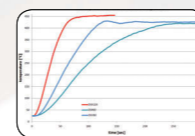
External compressed air supply

High pressure compressed air passing through a venturi will produce a constant high vacuum.



Vacuum-run-on

To prevent the desoldering iron from becoming clogged, it is possible to set a vacuum run-on time.



Ultra-short heating-up time

The desoldering irons will heat from 50 °C to 350 °C in 35 seconds and if the standby mode is in operation, this could be as short as 20 seconds. A blue LED light ring on the tool handle gives visual indication of the temperature condition. It will flash as the tool heats and show a steady light when the operating temperature is reached.

WXA-Hot Air Station.

The perfect solution for hot air soldering applications.



Thumb wheel

Infinitely adjustable air delivery up-to 20 l/min max. Delivery rate displayed digitally. Maximum external air pressure 6 bar.



adjustable mode of operation

Es stehen 3 verschiedene Betriebsmodi zur Verfügung.

mode of operation step 1

The hot air flows only as long as the button on the hot air tool is pressed.

mode of operation step 2

Limit of the on-time hot air tool. The on-time can be activated by a one-push function. The activated time can be choose between 0 and 60 seconds.

mode of operation step 3

The WXHAP 200 is switched on the first time the button is pressed and switched of the next time the button is pressed.



finger switch

Due to the integrated finger switch controls the air flow.



Maximum flexibility

A wide range hot air nozzles makes the WXHAP 200 a very versatile tool.

Flat Nozzle (Type F)

For chips.

Round Nozzle (Type R)

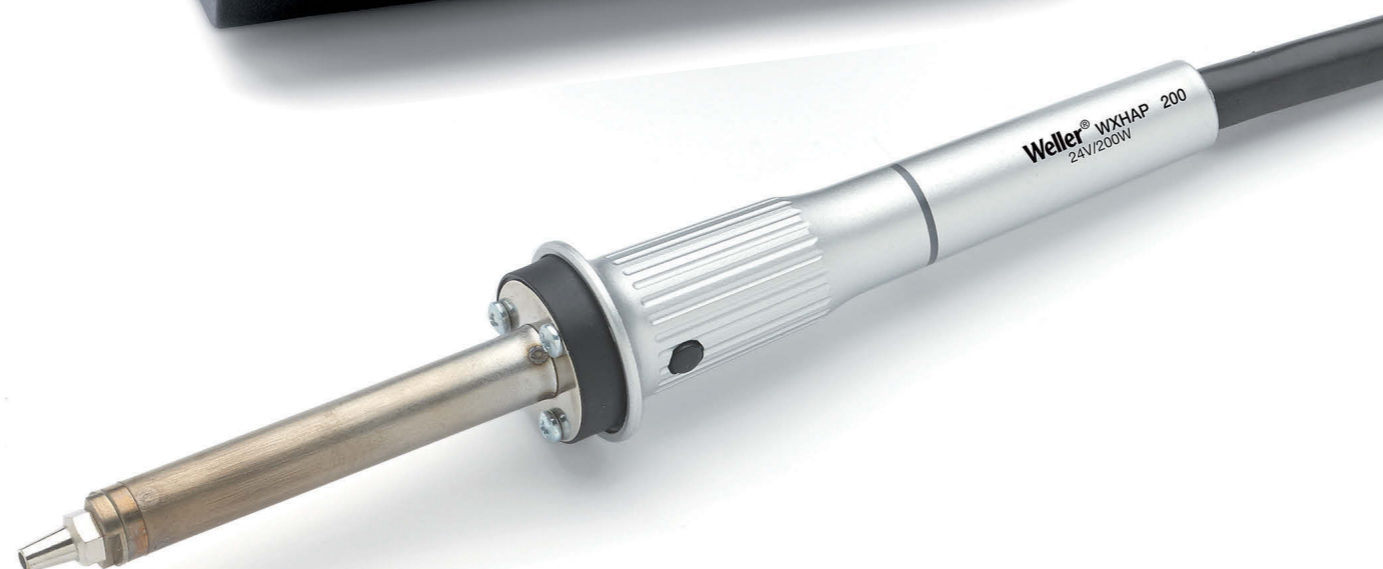
For chips.

Dual Nozzle two sides heated (Type D)

For SO and SOL components.

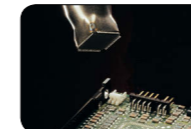
Quad Nozzle four sides heated (Type Q)

For QFP and PLCC components.



charge free hot air

The hot air is passed through an ion trap to ensure charge free delivery



Inert gas use

Inert gas, such as nitrogen could be used in place of compressed air for more demanding tasks..



WXA-Hot Air Station compatibility



Löten

WXP 65 soldering iron
WXP 120 soldering iron
WXP 200 soldering iron
WXMP micro-soldering iron
WXMT desoldering tweezers



Hot Air

WXHAP 200 hot air pencil



Accessories

WHP 1000 heating plate
WHP 3000 heating plate
WXHP 120 heating plate
WXSB 200 soldering bath



Fume Extraction

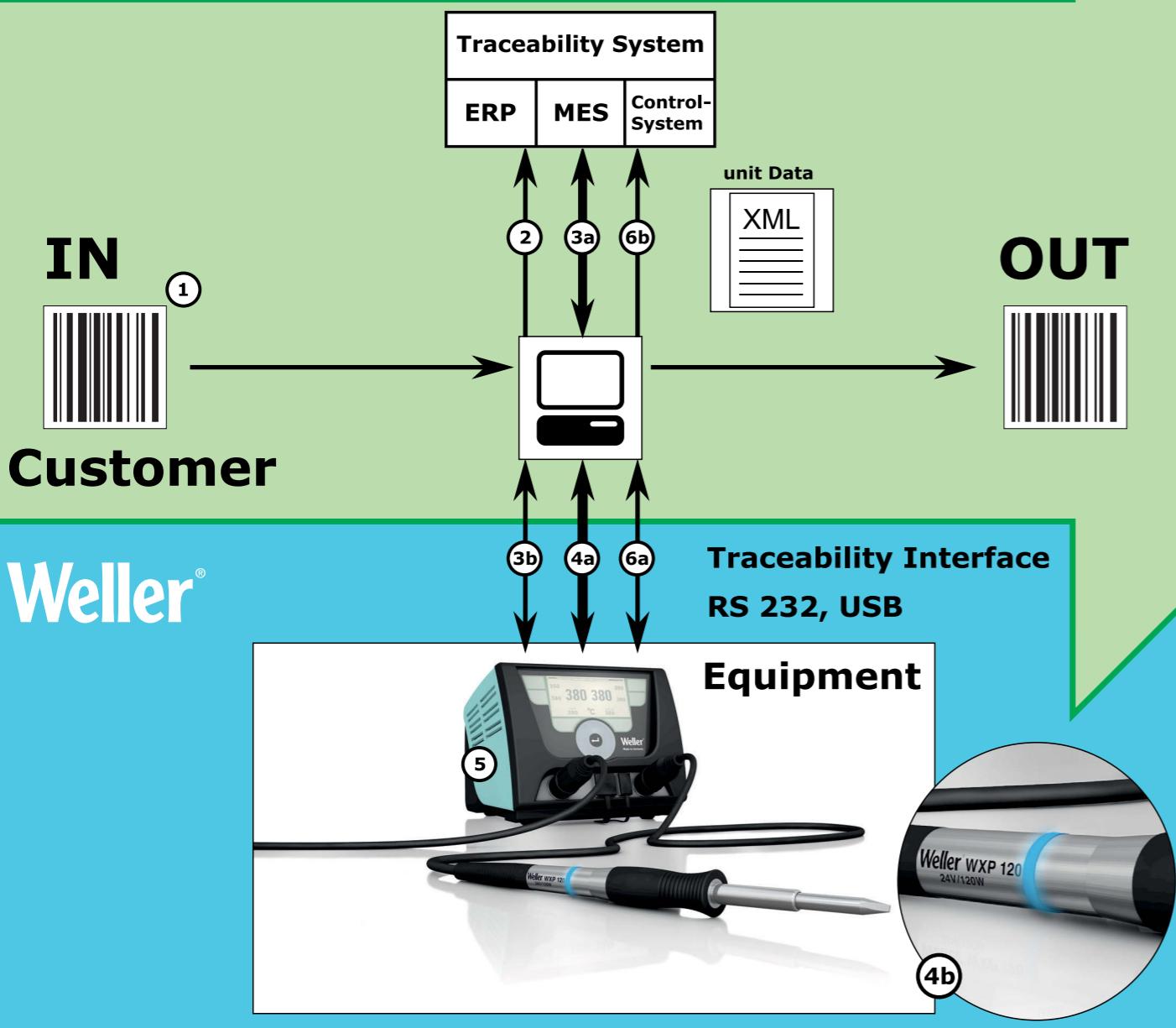
Zero-Smog 4V
Zero-Smog 6V
Zero-Smog 20T

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



- 1. **Begin processing of product:** Scan PCB or product to be soldered.
- 2. **Transmission of data to the Traceability System.**

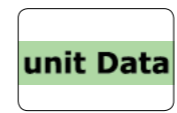


- 3.A. **Prepare WX station:** the Traceability System delivers process parameter selection data.
- 3.B. **Parameterization of the WX station Process parameter lock out:** Auto tool temperature set and lock out.



- 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.

■ = Customer
■ = Weller®



Soldering Station



WX 2020

Supply unit WX 2 with 2 x WXP 120 soldering irons (120 W | 24 V) and 2 safety rests WDH 10



Order-Number
T005 34 216 99



WX 2021

Supply unit WX 2 with WXMP micro soldering (55 W | 12 V) and safety rests WDH 51 as well as WXMT micro desoldering tweezers (2 x 40 W | 12 V) and and safety rest WDH 60



Order-Number
T005 34 226 99



WX 1010

Supply unit WX 1 with WXP 120 soldering iron (120 W | 24 V) and safety rest WDH 10



Order-Number
T005 34 186 99



WX 1011

Supply unit WX 1 with WXMP soldering iron (55 W | 12 V) and safety rest WDH 51



Order-Number
T005 34 196 99



WX 1012

Supply unit WX 1 with WXP 65 soldering iron (65 W / 24 V) and safety rest WDH 10



Order-Number
T005 34 276 99



WXD Desoldering Station



WXD 2010 Set

Consist of Power unit WXD 2, WXDP 120 High-Power Desoldering iron (120 W / 24 V) and safety rest WDH 70

Order-Number
T005 34 286 99



WXD 2020 Set

Consist of Power unit WXD 2, WXDP 120 High-Power Desoldering iron (120 W / 24 V) and safety rest WDH 70 as well as WXP 120 soldering iron with safety rest WDH 10



Order-Number
T005 34 296 99



WXA Hot Air Station



WXA 2010 Set

Hot Air controll unit WXA 2, WXHAP 200 hot air iron and WDH 30 safety rest

Order-Number
T005 34 306 99

For every application the optimal tool compatible with WX, WXD and WXA station.

- in this way  maximum Flexibility



Order-Number
T005 29 204 99

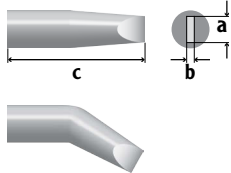


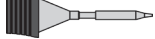
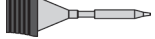
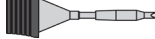
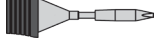

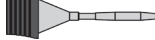


- Excellent heat transfer and sensors
- Soldering tips can be changed quickly and easily
- Excellent reaction time
- Optimale Extremely short heating time






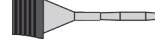

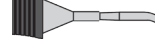
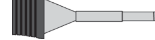
WXMP micro soldering iron set with safety rest WDH 51

Most delicate and temperature-sensitive applications; for use under microscope; ultra fine tips with fastest heat response and best temperature-control; cartridge tips. 40 W, 12 V max. temperature 450°C

Chisel





RT	a mm	b mm	Order-Number
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-Number
RT 1SCMS 	0,4	0,15	T005 44 615 99
RT 1SCNWS* 	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-Number
RT 6 45° 	1,2	T005 44 606 99

Type	a mm	Order-Number
RT 6MS 45° 	1,2	T005 44 620 99

* unbenetzbar

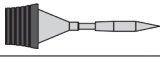
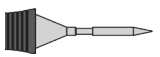
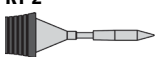
MS Spitze: separat geerdet

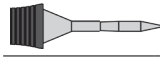
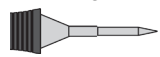
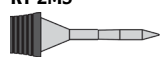


MS handles and MS soldering tips have to be used together.
MS soldering tips are for use with MS handles only (WXMP MS / WMRP MS)

MS handles for RT MS soldering tips
 T0052921399 WXMP MS soldering iron handle packed
 T0052921799 WXMP MS soldering iron with safety rest WDH 51
 T0052919299 WMRP MS soldering iron handle packed

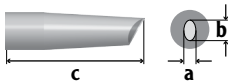
Conical

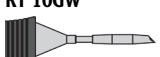


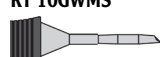
Type	\varnothing a mm	Order-Number
RT 1 	0,2	T005 44 601 99
RT 1NW* 	0,1	T005 44 625 99
RT 2 	0,8	T005 44 602 99

Type	\varnothing a mm	Order-Number
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

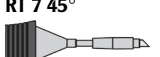


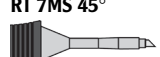
Type	a mm	b mm	Order-Number
RT 10GW 	1,2	2,0	T005 44 610 99

Type	\varnothing a mm	b mm	Order-Number
RT 10GWMS 	1,2	2,0	T005 44 624 99

Knife




Type	\varnothing a mm	Order-Number
RT 7 45° 	2,2	T005 44 607 99

Type	\varnothing a mm	Order-Number
RT 7MS 45° 	2,2	T005 44 621 99

MS tips: separate ground

Measuring tip

Type	Order-Number
RT Measuring tip 	T005 44 613 99

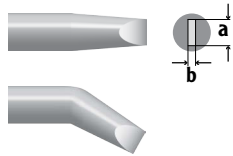


- Excellent heat transfer and sensors
- Soldering tips can be changed quickly and easily
- Excellent reaction time
- Optimale Extremely short heating time

Micro desoldering tweezers set with slim tweezers RTW 2 and safety rest WDH 60

Slim tweezers. Ideal for soldering and desoldering of very small SMD components.
2 x 40 W | 12V | max. temp. 450°C | Order-Number T005 29 204 99

Chisel



RTW	Ø a mm	b mm	Order-Number
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-Number
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



Typ	Ø a mm	Order-Number
RTW 1 45°	0,4	T005 44 651 99
RTW 6NW* 45°	0,2	T005 44 656 99

Typ	Ø a mm	Order-Number
RTW 1MS 45°	0,4	T005 44 655 99
RTW 6NWMS* 45°	0,2	T005 44 656 71

*Non-wettable

MS tips: separate ground

MS handles and MS soldering tips have to be used together.
MS soldering tips are for use with MS handles only (WXMT MS / WMRT MS)

MS handles for RTW MS soldering tips

T0051317999 WXMT MS Micro tweezers handle packed
T0051320399 WXMT MS Micro tweezers with safety rest WDH 60
T0051317599 WMRT MS Micro tweezers handle without tips



- Interchangeable for soldering tips at low prices
- Maximum heat transfer
- Heater with improved sensor position
- Fast recovery time

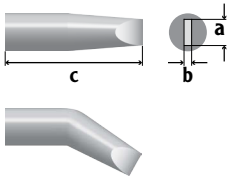


WXP 65 set with safety rest WDH 10

Small fast soldering iron. Suitable for fine solder jobs with high heat demand.

65 W | 24 V | max. temp. 450°C | Best.-Nr. T005 29 212 99

Chisel



XNT	Ø a mm	b mm	c mm	Order-Number
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-Number
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-Number
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-Number
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

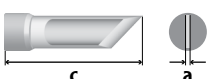
Conical



Type	Ø a mm	c mm	Order-Number
XNT 1	0,5	27,0	T005 44 850 99 T005 44 850 10

Type	Ø a mm	c mm	Order-Number
XNT S	0,4	37,5	T005 44 868 99 T005 44 868 10

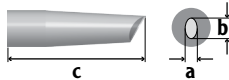
Knife



Type	Ø a mm	c mm	Order-Number
XNT KN	2,0	33,0	T005 44 863 99 T005 44 863 10

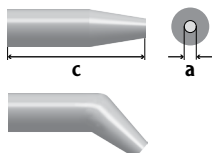
T005XXXXX99 = 1 Piece
T005XXXXX10 = 10 Pieces
T005XXXXX11 = 100 Pieces

Gull wing



XNT		b mm	c mm	Order-Number
XNT GW 1		2,0	33,0	T005 44 854 99 T005 44 854 10
XNT GW		1,5	27,5	T005 44 880 99 T005 44 880 10

Round



Type	Ø a mm	c mm	Order-Number
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-Number
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-Number
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-Number
XNT SMT 03	20,8	0,6	7,1	T005 44 878 99

Highspeed



Type	Ø a mm	b mm	c mm	Order-Number
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-Number
XNT SHS	0,4			T005 44 896 99 T005 44 896 10
XNT AS HS	1,6			T005 44 897 99 T005 44 897 10
XNT 1LHS	0,2			T005 44 898 99 T005 44 898 10
XNT 1LXHS	0,2			T005 44 8 99 99 T005 44 8 99 10
XNT HX HS 30°	0,8	0,4	36,5	T005 44 900 99 T005 44 900 10
XNT 4XHS 45°	1,2	0,4	34,6	T005 44 901 99 T005 44 901 10
XNT 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-Number
Measuring tip	0,6	31,3	T005 44 861 99
XNT Screw M4		26,0	T005 44 879 99

Type	Order-Number
Barrel	T005 87 657 58
Barrel for bent tips T0058765767	T005 87 657 67



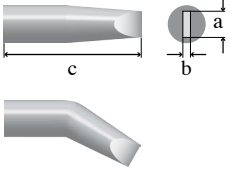
- Interchangeable for soldering tips at low prices
- Maximum heat transfer
- Heater with improved sensor position
- Fast reaction time



WXP 120 soldering iron with safety rest WDH 10

All-rounder with 120 Watt. For soldering applications from small to large components with higher heat demand.
120 W | 24 V | max. temp. 450°C | Best.-Nr. T005 29 202 99

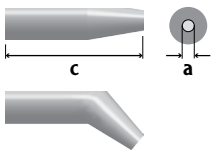
Chisel



XT	Ø a mm	b mm	c mm	Order-Number
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-Number
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

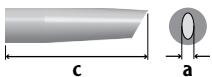
Round



Type	Ø a mm	c mm	Order-Number
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-Number
XT DS	5,0	34,5	T005 44 717 99 T005 44 717 10

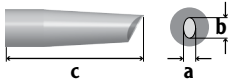
Sloped



Type	a mm	c mm	Order-Number
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-Number
XT CC 45°	3,2	36,5	T005 44 710 99 T005 44 710 10
XT DDH 45 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

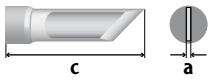
Gull wing



XT		Ø a mm	b mm	c mm	Order-Number
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

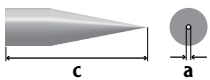
Type	Ø a mm	b mm	c mm	Order-Number
XT GW3	0,8	0,9	41,5	T005 44 711 99 T005 44 711 10

Knife



Type	Ø a mm	c mm	Order-Number
XT KN 60°	2,0	45,0	T005 44 711 99 T005 44 714 10

Conical



Type	Ø a mm	c mm	Order-Number
XT 0	1,0	36,5	T005 44 714 99 T005 44 714 10

Soldering head

Type	a mm	b mm	Order-Number
XT Soldering heat + adapter	10,0	4,0	T005 44 731 99
Soldering head	10,0	4,0	T005 44 731 90
XT Soldering heat + adapter	20,0	4,0	T005 44 732 99
Soldering head	20,0	4,0	T005 44 732 90
XT Lötstempel head + adapter	33,0	4,0	T005 44 733 99
Soldering heat	33,0	4,0	T005 44 733 90

Accessories

Type	a mm	c mm	Order-Number
Measuring tip	0,5	40,0	T005 44 722 99
XT Adapter M4		36,0	T005 44 719 99
XT Adapter M5		36,0	T005 44 720 99

Type	Order-Number
Barrel	WXP 120 WP 120 T005 87 657 11 T005 87 637 09
Barrel for bent	WXP 120 WP 120 T005 87 657 66 T005 87 658 02

T005XXXXX99 = 1 Piece
T005XXXXX10 = 10 Pieces
T005XXXXX11 = 100 Pieces

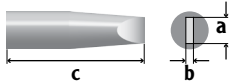


- Interchangeable for soldering tips at low prices
- Maximum heat transfer
- Heater with improved sensor position
- Fast reaction time

WXP 200 soldering iron with safety rest WDH 31

High Power of soldering iron. Ideal for applications with highest heat demand e.g. LED backpanels or RF shieldings. 200 W | 24 V | max. temp. 450°C | Order-Number T005 29 206 99

Chisel



XHT	Ø a mm	b mm	c mm	Order-Number
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-Number
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-Number
Measuring tip	1,25	6,0	55,0	T005 44 803 99
Barrel				T005 87 637 25

WXD compatible tools



WXDP 120 desoldering iron set 120 W, 24 V with excenter fixture, with safety rest WDH 70 (set) and PDN Pliers Desoldering Nozzle.

- Rapid heat up time (35 sec. only) and set-back-function
- Push and Pull technology: easy change of the solder cartridge with the new innovative PDN Pliers Desoldering Nozzle
- Programmable and intelligent via the WXD control unit

Order-Number
T005 13 202 99



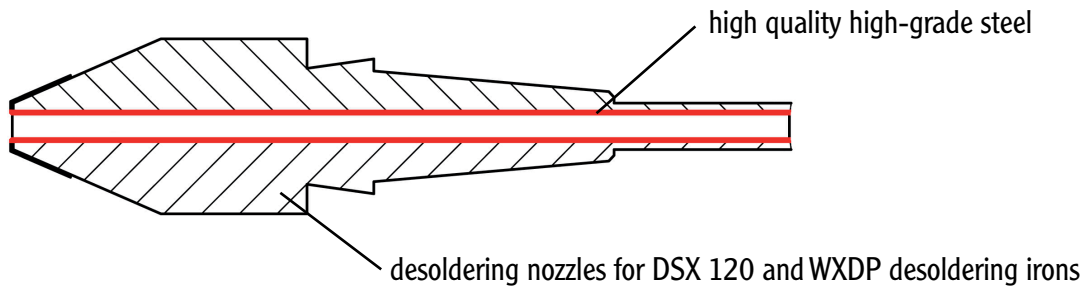
WXDV 120 inline desoldering iron set 120 W, 24 V with excenter fixture, safety rest WDH 40 and PDN Pliers Desoldering Nozzle.

- Rapid heat up time (35 sec. only) and set-back-function
- Push and Pull technology: easy change of the solder cartridge with the new innovative PDN Pliers Desoldering Nozzle
- Programmable and intelligent via the WXD control unit

Order-Number
T005 13 205 99









New XDSL Series Desoldering Nozzles

The new XDSL series desoldering nozzles can offer a working life of up-to twice that of other desoldering nozzles. A high grade stainless steel tube lines the internal diameter of the nozzle to prevent tin erosion and wear of the copper body of the nozzle caused by molten solder, flux and abrasion. For use with WXDP 120 and DSX 120 desoldering irons.








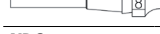



- Long life of up-to twice that of other nozzles
- Potential running cost saving of up-to 27%
- For use with WXDP 120 and DSX 120 desoldering irons

XDSL-Desoldering Nozzles

Type	Ø Inner mm	Ø Outer mm	Nozzle length mm	Order-Number
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

XDS-Desoldering Nozzles

Type	Ø Inner mm	Ø Outer mm	Nozzle length mm	Order-Number
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

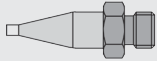
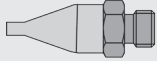



WXHAP 200 hot air pencil set with safety rest WDH 30

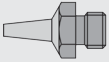

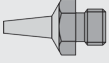



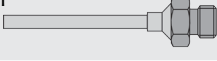



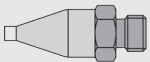



- an extensive range of nozzles to meet a wide variety of applications
- powerful 200 Watt enables comfortable and precision working
- charge free hot air is delivered to the working area for all round ESD protection
- precision working on surface mounted components

200 | W | 24 V | Max. Temperatur 550° | Best.-Nr. T005 27 120 99

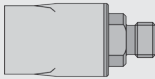



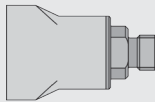

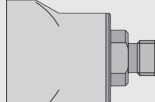

Hot air nozzles for WXHAP 200 flat nozzle (Type F)

Order-Number	Model	Description	Width A	Thickness B	
T005 87 617 28		Adapter M6 for HAP 200			
T005 87 277 74	F02	flat nozzle	8,0 mm	1,5 mm	
T005 87 277 73	F04	flat nozzle	10,5 mm	1,5 mm	
T005 87 277 72	F06	flat nozzle	12,0 mm	1,5 mm	

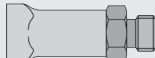
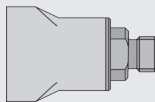

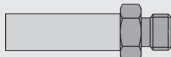
Hot air nozzles for WXHAP 200 round nozzle (Type R)

Order-Number	Model	Description	Diameter D	Distance C	Lenght C		
T005 87 278 23	R02	round nozzle	Ø 0,8 mm				
T005 87 278 21	R04	round nozzle	Ø 1,2 mm				
T005 87 278 22	R06	round nozzle	Ø 3,0 mm				
T005 87 277 87	R10	round nozzle long	Ø 2,0 mm		50 mm		
T005 87 277 86	R08	round nozzle long bent	Ø 2,0 mm		50 mm		
T005 87 277 76	FD2	dual nozzle	Ø 1,5 mm	8 mm			
T005 87 277 75	FD4	dual nozzle	Ø 1,5 mm	10 mm			

Hot air nozzles for WXHAP 200 2 sides heated (Typ D, Lenght X = heated side)

Order-Number	Model	Description	Lenght X	Width Y		
T005 87 277 79	D04	Hot air nozzle, 2 sides heated, with pre-heating plate	10,5 mm	10,5 mm		
T005 87 277 82	D06	Hot air nozzle, 2 sides heated, with pre-heating plate	13,0 mm	10,0 mm		
T005 87 277 81	D08	Hot air nozzle, 2 sides heated, with pre-heating plate	15,0 mm	10,0 mm		
T005 87 277 84	D10	Hot air nozzle, 2 sides heated, with pre-heating plate	18,0 mm	10,0 mm		

Hot air nozzles for WXHAP 200 all 4 sides heated (Type Q)

Order-Number	Model	Description	Länge X	Breite Y		
T005 87 277 77	Q02	Hot air nozzle, 4 sides heated	6,0 mm	6,5 mm		
T005 87 277 78	Q04	Hot air nozzle, 4 sides heated	6,0 mm	9,0 mm		
T005 87 277 80	Q06	Hot air nozzle, 4 sides heated, with pre-heating plate	15,0 mm	10,0 mm		
T005 87 277 83	Q08	Hot air nozzle, 4 sides heated, with pre-heating plate	12,5 mm	15,0 mm		
T005 87 278 12	SK709	Hot air nozzle, 4 sides heated, with pre-heating plate	12,0 mm	12,0 mm		
T005 87 277 85	Q10	Hot air nozzle, 4 sides heated, with pre-heating plate	18,0 mm	18,0 mm		
T005 87 278 08	R01	Measuring nozzle for calibration				



Zero Smog 4V

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

Order-Number
T005 36 606 99



Zero Smog 6V

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

Order-Number
T005 36 496 99



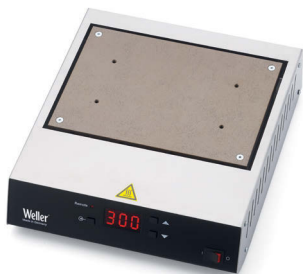
Zero Smog 20T

Fume extraction for tip suction at the soldering tip, with s built-in turbine. Up to 20 FE-Soldering irons.

Order-Number
T005 36 706 99



WX compatible heating plates



WHP 1000

Heating plate 1000 W | 230 V, heated surface area: 220 x 150 mm

Order-Number
T005 33 648 99



WHP 3000

Infrared-heating plate 600 W | 230 V, with Easy-Fix-circuit board holder, heated surface area: 120 x 190 mm

Order-Number
T005 33 386 99

WHP 3000

Infrared-heating plate 1200 W | 230 V, with Easy-Fix-circuit board holder, heated surface area: 190 x 245 mm

Order-Number
T005 33 646 99



WXHP 120

Heating plate 120 W | 24 V, heated surface area: 80 x 50 mm

Order-Number
T005 27 099 99

& WX compatible soldering bath



WXSBS 200

Soldering bath 200 W | 24 V, heated surface area: 58 x 33 x 19 mm

Order-Number
T005 27 043 99

& WX Adapter / Accessories



WX Adapter for PC

Order-Number
T005 87 647 11



WX Adapter for Zero Smog

Order-Number
T005 87 647 12



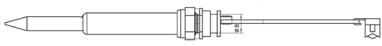
WX connection cable, 2 m

Order-Number
T005 87 647 10



WX HUB for the control of Zero Smog

Order-Number
T005 87 647 26



HERX 120 Heating element

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

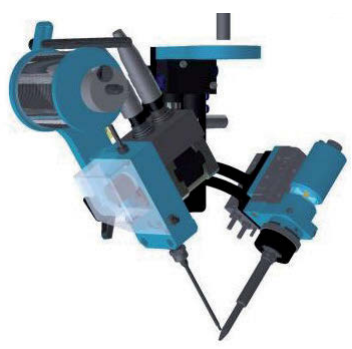
Order-Number
T005 87 657 40

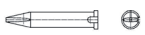





Cord for HERX 120

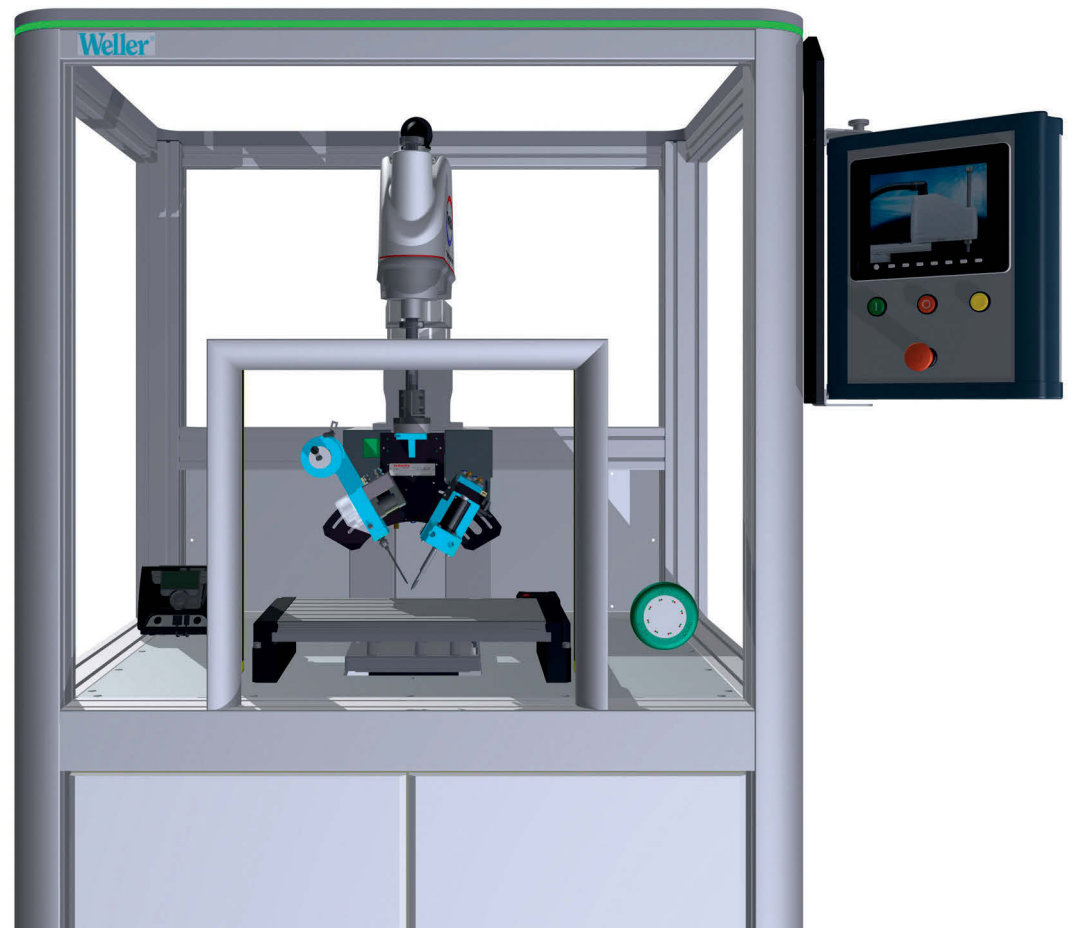
Cord for HERX 120 | 1,6 m

Order-Number
T005 87 657 15

XTR soldering tips for HERX 120



Typ	Ø Width mm	Ø Thickness mm	Lenght mm	Order-Number
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 Station

WX 2 Soldering Station

Figure		
Dimensions LxBxH	170 x 151 x 130 mm (6,69 x 5,94 x 5,12 inch)	
Weight	around 3,2 kg	
Power supply	230 V 50 Hz	
Power consumption	200 W	200 W (255 W)
Protection class	I, antistatic casing	
Fuse	overcurrent release T2A	
Temperature range	Adjustable temperature range 50°C – 550°C (150 °F – 999 °F) adjustable temperature range varies among tools	
Temperature accuracy	± 9 °C (± 17 °F)	
Temperature stability	± 2 °C (± 4 °F)	
Equipotential bonding	via 3,5 mm pawl socket on back of device (normal state hard grounded)	
Casing material	Aluminum bottom with antistatic black (AMS 70002) coating; Antistatic polyamide synthetic casing	
Material touch panel	Made of antistatic coated material (glas)	
Dimensions touch panel	74 x 38 mm	
Display	LCD 255 x 128 dots / Display backlighting 3 LEDs	
Air flow rate	-	
Pressure	-	
Bleeder	-	
Vacuum source via	-	
USB-interface	USB interface in front for firmware updates, parameterization and monitoring USB interface supports all standard USB flash drive types	
Order-Number	T005 34 176 99	T005 34 206 99



Figure



Dimensions LxBxH	170 x 151 x 130 mm	
Weight	around 3,8 kg	around 3,8 kg
Power supply	230 V 50 Hz	
Power consumption	200 W (255 W)	
Protection class	I control unit, III soldering iron, antistatic casing	
Fuse	overcurrent release T2A	
Temperature range	Adjustable temperature range 50 °C – 550 °C (150 °F – 999 °F) adjustable temperature range varies among tools	
Temperature accuracy	± 9 °C (± 17 °F)	Hot Air ± 30 °C (± 54 °F) Soldering Iron ± 9 °C (± 17 °F)
Temperature stability	± 2 °C (± 4 °F)	± 2 °C (± 4 °F)
Equipotential bonding	via 3,5 mm pawl socket on back of device (normal state hard grounded)	
Casing material	Aluminum bottom with antistatic black (AMS 70002) coating; Antistatic polyamide synthetic casing	
Material touch panel	Made of antistatic coated material (glas)	
Dimensions touch panel	74 x 38 mm	
Display	LCD 255 x 128 dots / Display backlighting 3 LEDs	
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 (N2)
Bleeder	soldering tip (Tip to ground) equal to IPC-J-001	
Vacuum source via	Venturi	-
USB-interface	USB interface in front for firmware updates, parameterization and monitoring USB interface supports all standard USB flash drive types	
Order-Number	T005 34 176 99	T005 34 206 99



Soldering



Desoldering



Hot Air



Fume Extraction



Soldering Tips



Accessories

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