

Weller®



WX 1

WX2

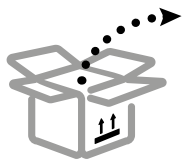
WXD 2

WXA 2

GB Translation of the original instructions

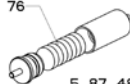
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WX1 WX2 WXD 2 WXA 2



WXD2

5 87 657 76



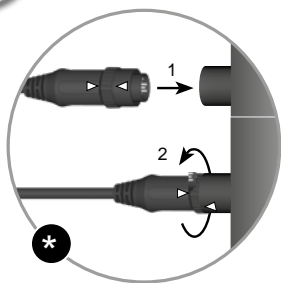
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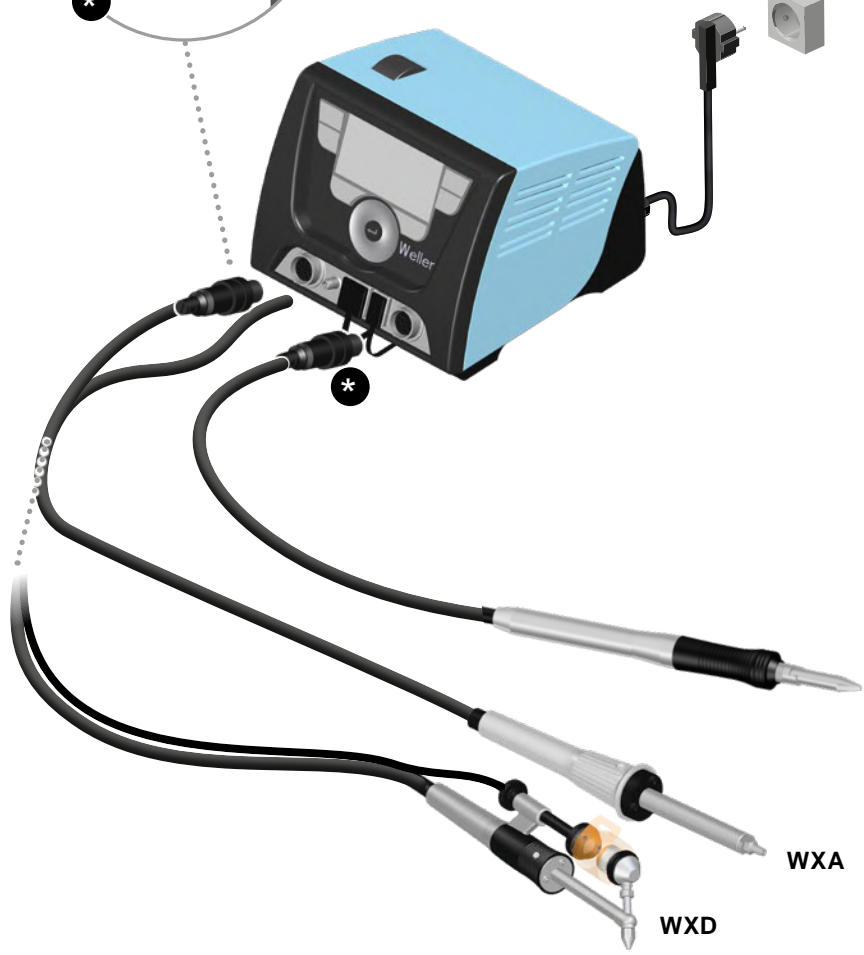


> 50 mm

3

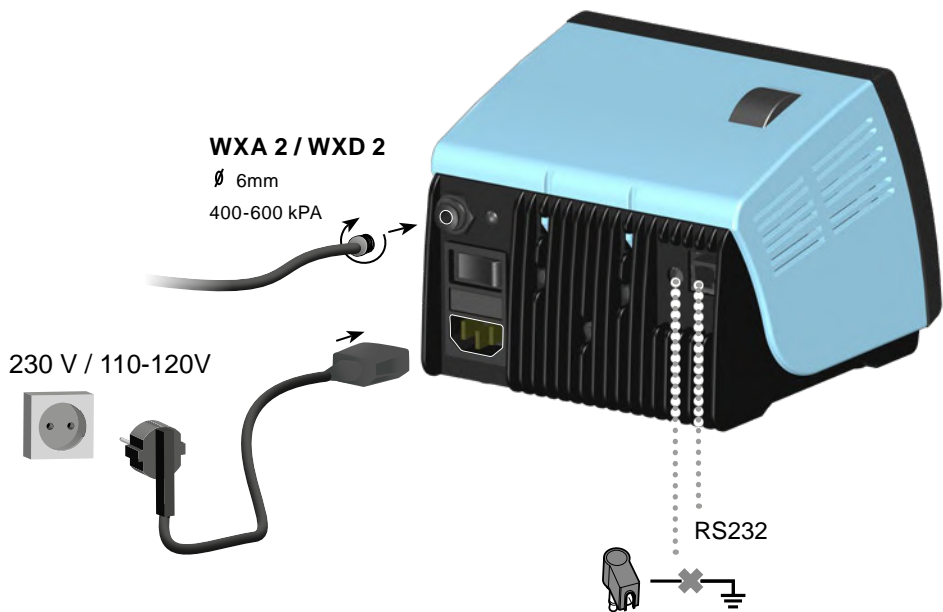
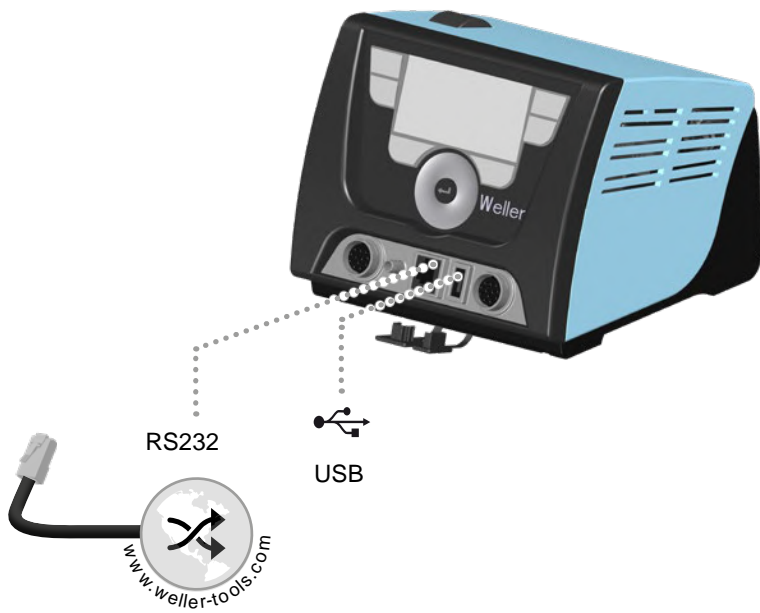


230 V / 110-120V

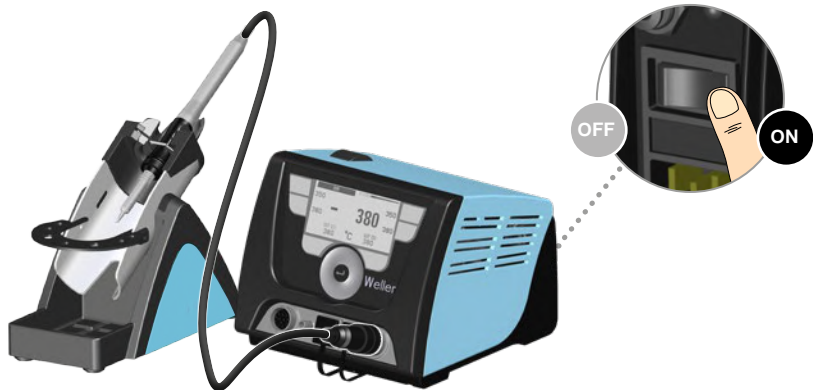


WXA

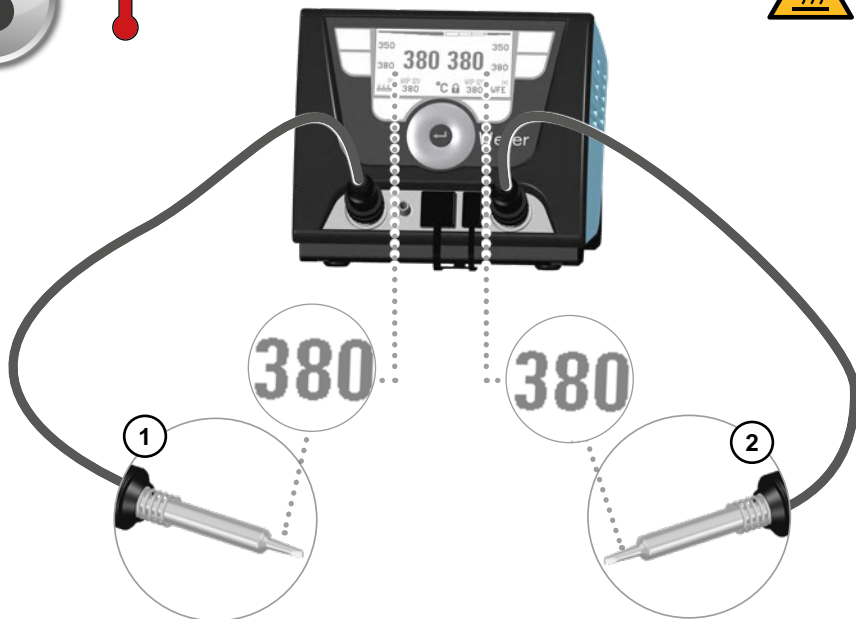
WXD



4

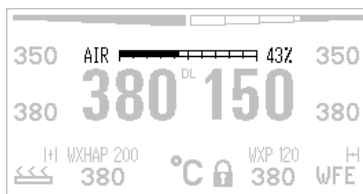


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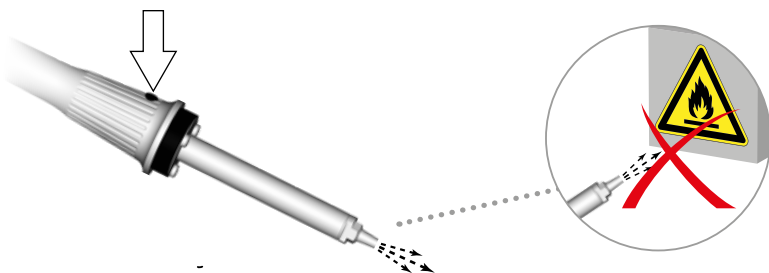
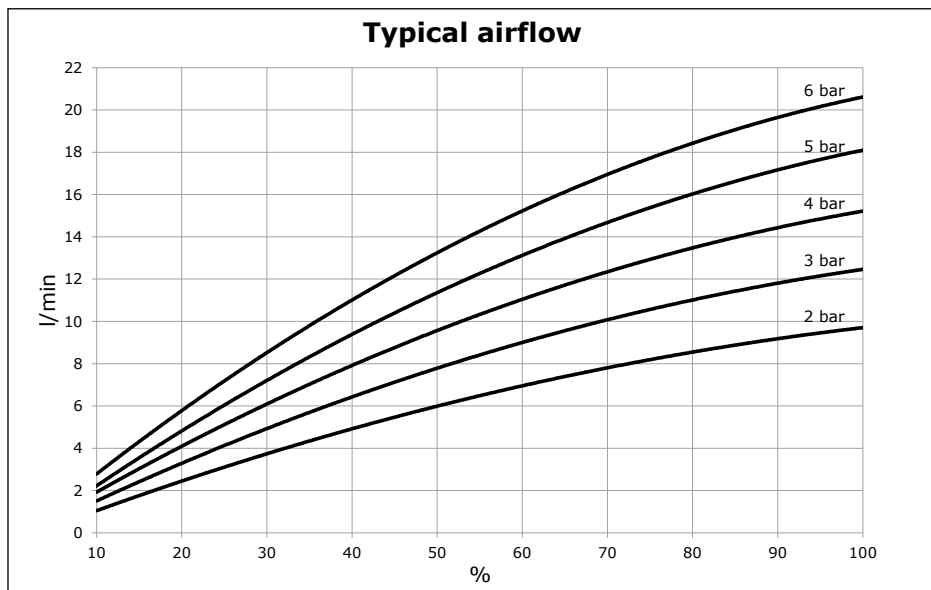
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WXA 2



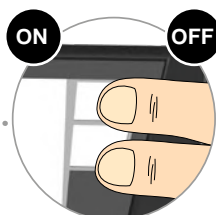
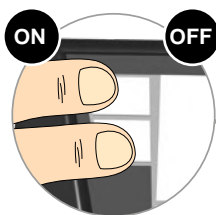
10-100%
100% ≈ 20 l/min (6 bar)

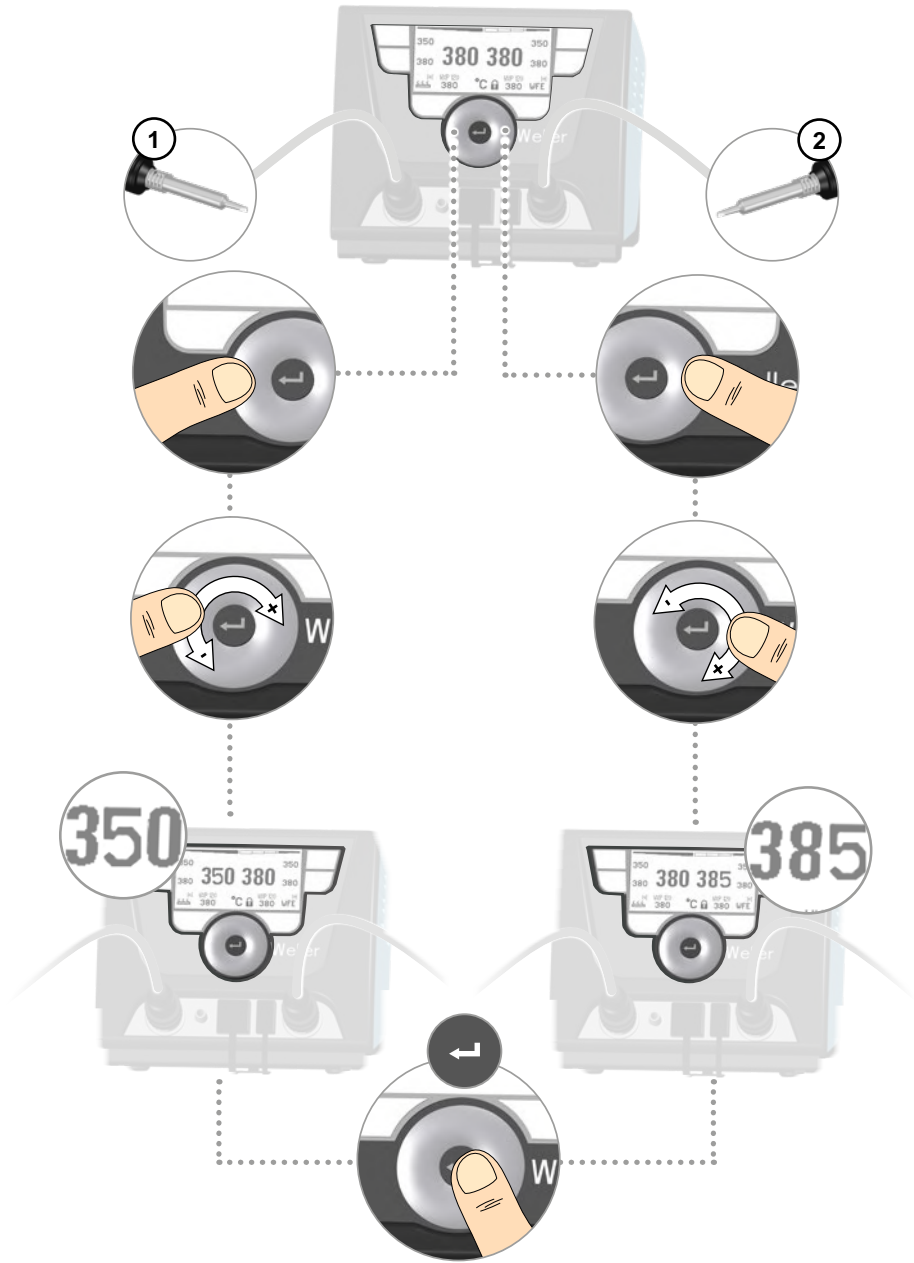
Typical airflow

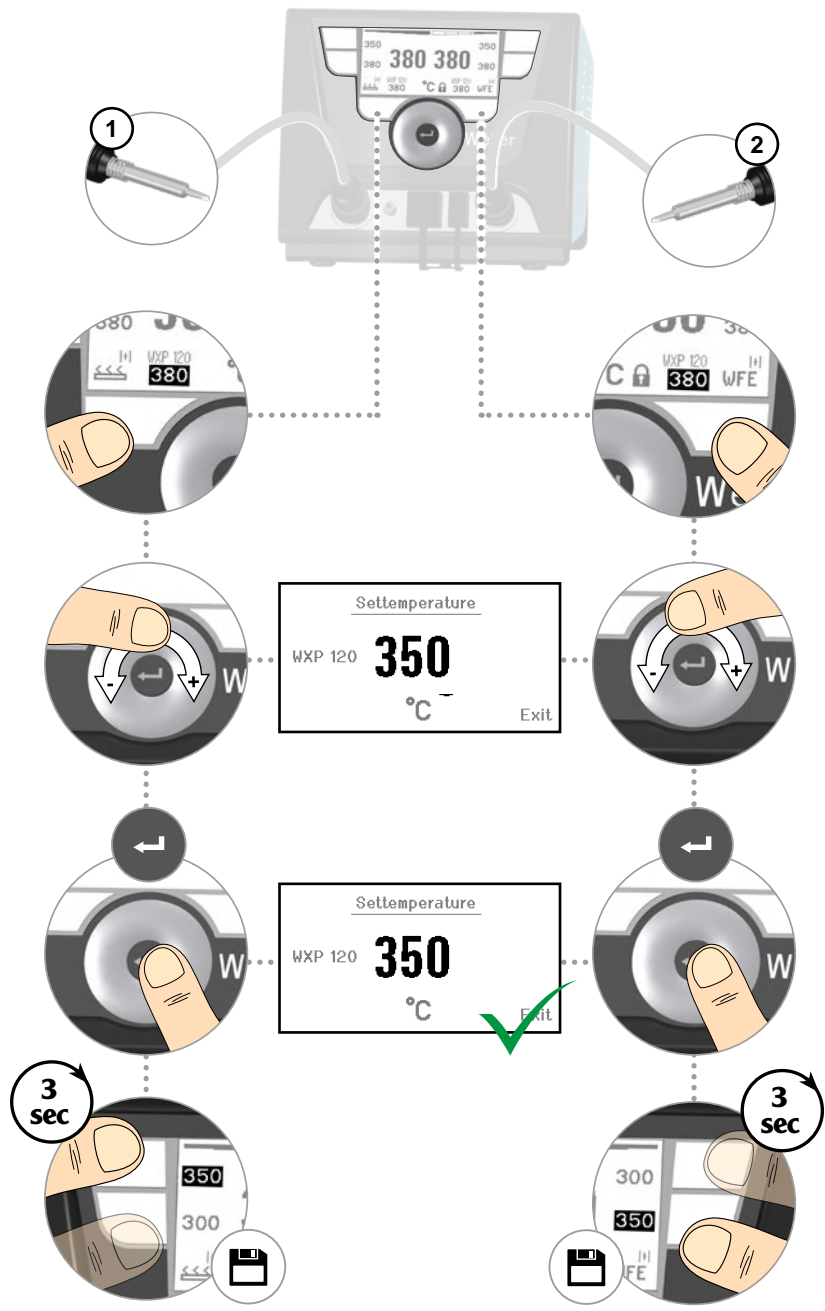


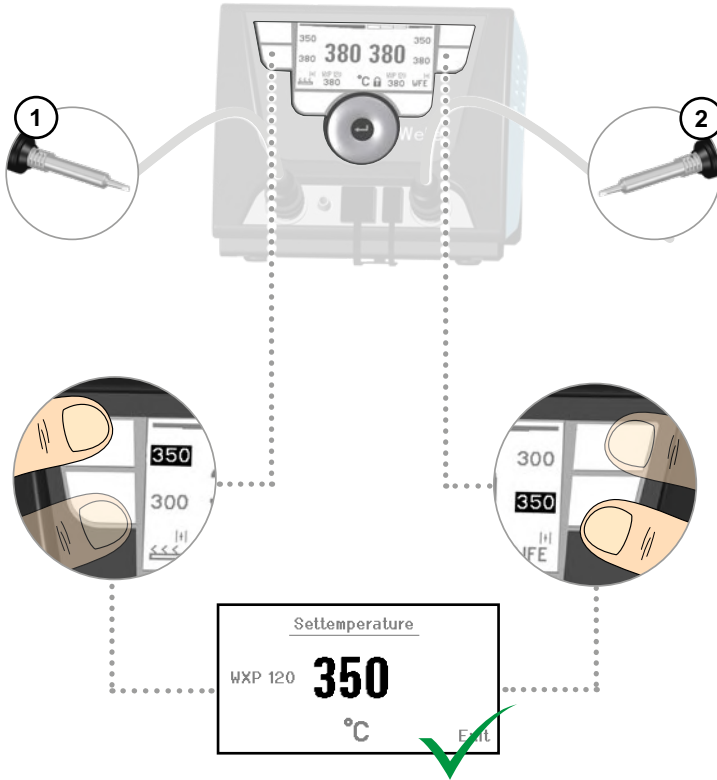
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ON ↔ OFF

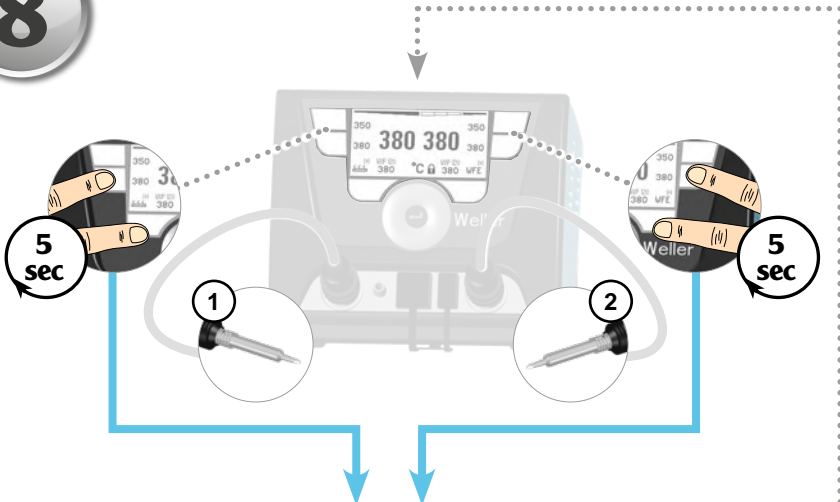






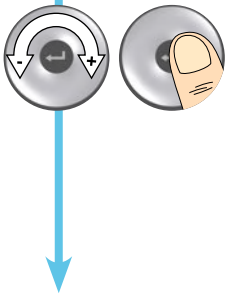


8



Parameters	WXP 120
Standby Temp.	150 °C
Standby Time	010 min
Auto-Off Time	020 min
Sensitivity	normal
On Time	010 sec
Switch Mode	Off
Offset	000 °C
Perform. Mode	standard
Temp. Window	020 °C

Station Parameters	
Language	ENG
Unit	°C
Password	***
Button Sound	On
LCD-Contrast	032
LCD-Brightness	070 %
Screen saver	Off
Pot. free output	Off
Vacuum on-delay	000 sec
Vacuum off-delay	000 sec
Exit	□□□□



Standby Temp.
Standby Time
Auto-Off Time
Sensitivity
100 - 450 °C
200 - 850 °F

EN Standby Temperature

Standby Temp.
Standby Time
Auto-Off Time
Sensitivity
1 - 999 min

EN Standby Time

Standby Temp.
Standby Time
Auto-Off Time
Sensitivity
1-999 min

EN OFF time

Standby Temp.
Standby Time
Auto-Off Time
Sensitivity
low
normal
high

EN Sensitivity

WXHAP

Standby Temp.
Standby Time
Auto-Off Time
On Time
1-60 s

EN Max. hot air duration

Offset
Perform. Mode
Temp. Window
-40 - 40 °C
-72 - 72 °F

EN Offset

Offset
Perform. Mode
Temp. Window
standard
soft
aggressive

EN Perform. Mode

WXHAP
Offset
Switch Mode
Temp. Window
ON / OFF

EN Button lock

Offset
Perform. Mode
Temp. Window
100 - 450 °C
200 - 850 °F

EN Process window

Language
Unit
Password
Button Sound

EN Language

Language
Unit
Password
Button Sound
C/F

EN Temperature units

Language
Unit
Password
Button Sound
1-999

EN Lock function

Language
Unit
Password
Button Sound
ON / OFF

EN Touchtones on/off

LCD-Contrast
LCD-Brightness
Screen saver
Pot. free output
10 - 60

EN LCD-Contrast

LCD-Contrast
LCD-Brightness
Screen saver
Pot. free output

EN LCD background brightness

10 - 100 %

LCD-Contrast
LCD-Brightness
Screen saver
Pot. free output

EN Robot output

100 - 450 °C
200 - 850 °F

WXD 2

Vacuum on-delay
Vacuum off-delay

EN Vacuum run-on

0 - 10 s

LCD-Contrast
LCD-Brightness
Screen saver
Pot. free output

EN Screen saver

ON / OFF

WXD 2

Vacuum on-delay
Vacuum off-delay

EN Vacuum pre-feed

0 - 10 s



Read these instructions and the safety guidelines carefully before starting up the unit and starting work.

Failure to observe the safety regulations results in a risk to life and limb.

Keep these instructions in a place that is accessible to all users. Please adhere to the operating instructions of the connected devices.

Safety information

For safety reasons, children and youths under the age of 16, as well as persons who are not familiar with these operating instructions, may not use the device. Children should be supervised in order to ensure that they do not play with the tool.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

Keep other persons well away from your workplace.

The work area is out of bounds for children and unauthorised persons. Never allow other persons to touch the soldering tool or cable.

⚠ WARNING Electrical shock

Connecting the control unit incorrectly poses a risk of injury due to electric shock and can damage the device.

- Carefully read the attached safety information, the safety information accompanying these operating instructions as well as the operating instructions for your control unit before putting the control unit into operation and observe the safety precautions specified therein.
- Only connect WELLER tools.

If the device is faulty, active electrical conductors may be bare or the PE conductor may not be functional.

- Repairs must always be referred to a Weller-trained specialist.
- If the electrical tool's power supply cord is damaged, this must be replaced with a specially prefabricated power supply cord available through the customer service organisation.

Protect yourself against electric shocks. The handles on soldering tools with an antistatic design are conductive.

- Avoid touching earthed objects such as pipes, heaters, cookers and refrigerators.
- Do not use the soldering tool in a damp or wet environment.
- Never work on voltage-carrying parts.

⚠ WARNING Risk of burns

Risk of burns from the soldering tool while the control unit is operating. Tools may still be hot long after they have been switched off.

- Always place the soldering tool in the safety rest while not in use. Make sure the safety holder is stable.
- Only connect the vacuum and hot air at the designated points.
- Do not direct hot air soldering tools at people or inflammable objects.
- Only replace solder tips when cold

Risk of burning through liquid solder. Protect yourself against solder splashes.

- Wear appropriate protective clothing to protect yourself against burns. Protect your eyes by wearing eye protectors.
- When working with adhesives, special attention must be paid to the warning information provided by the adhesive manufacturer.

Store your soldering tool in a safe place. When not in use, units and tools should be stored in a dry, high or locked area out of the reach of children. Make sure that unused soldering tools are free of voltage and de-pressurised.

▲ WARNING Fire hazard

Covering the soldering iron or the safety holder poses a fire hazard. Always keep objects well away from the soldering iron and safety holder.

- Always keep objects well away from the soldering iron and safety holder.
- Keep all combustible objects, liquids or gases well away from the hot soldering tool.

The mains cable must only be plugged into the mains socket or adapter approved for this purpose. Check to see if the mains voltage matches the ratings on the nameplate. Make sure the machine is switched off before plugging in.

Do not use the cable for purposes other than those for which it is intended. Never carry the unit by the cable. Do not use the cable to pull the plug out of the socket. Protect the cable against heat, oil and sharp edges..

Be alert. Pay attention to what you are doing. Be smart when using the unit. Do not use the soldering tool if you are having difficulty concentrating.

Avoid abnormal posture. Arrange your work station in an ergonomically correct way. Avoid bad posture when using the unit, as this can lead to postural problems.

The soldering tool must be operated only in perfect technical working order. Safety devices must not be deactivated.

Faults and defects must be repaired immediately. Before using the unit / tool, safety devices must be carefully checked to make sure that they are functioning properly and in the manner intended. Check that moving parts are functioning properly and are not sticking, and whether parts are damaged. All parts must be correctly fitted and must satisfy all the requirements necessary to guarantee troublefree operation of the unit.

Use the correct tool. Use only accessories or auxiliary devices which are included in the list of accessories or approved for use by the manufacturer. Use WELLER accessories or auxiliary devices on original WELLER equipment only. The use of other tools and other accessories can cause injury.

Secure the tool. Use clamping fixtures to hold the workpiece.

Use a solder fume extraction unit. If appliances for connecting solder fume extraction units are available, ensure that they are connected and used properly.

Specified Conditions Of Use

Supply unit for WELLER WX soldering tools. Use the soldering station / desoldering station / hot air station exclusively for the purpose indicated in the operating instructions of soldering and desoldering under the conditions specified herein.

▲ WARNING

Flammable gases and liquids may not be extracted. The device may only be used with correctly fitted and suitable filter cartridges. Replace filter cartridges when full.

This device may only be used at room temperature and indoors. Protect against moisture and direct sunlight.

We hereby declare that the products described herein comply with the following guidelines:
2014/30/EU, 2006/95/EG, 2011/65/EU (RoHS)

User groups

Due to differing degrees of risk and potential hazards, several work steps may only be performed by trained experts.

Work step	User groups
Default soldering parameters	Specialist personnel with technical training
Replacing electrical replacement parts	Electricians
Default maintenance intervals	Safety expert
Operation Filter change	Non-specialists
Operation Filter change Replacing electrical replacement parts	Technical trainees under the guidance and supervision of a trained expert

Care and maintenance

▲ WARNING



Before doing any work on the machine, pull the plug out of the socket. Leave the unit to cool down.

Clean the operator panel, if dirty, using a suitable cleaning cloth.

Seal ports which are not in use with covering caps.

Check all connected cables and hoses on a regular basis. If power tools are damaged, they must be immediately removed from use.

▲ WARNING

Risk of burns

- Only replace solder tips when cold
- Replace and clean suction nozzles only when hot and using the suitable tool
- Only replace hot air nozzles using the suitable tool
- Only clean or replace solder collection tubes when cold

Filter change

Regularly check the main filter for vacuum, and replace it if necessary.

Contaminated filters must be treated as special waste. Dispose of replaced equipment parts, filters or old devices in accordance with the rules and regulations applicable in your country. Wear suitable protective gear.

Warning!

Working without a filter can result in irreparable damage to the vacuum unit.

- Check before starting soldering whether a main filter is inserted.

Repairs must always be referred to a Weller-trained specialist.



Use original replacement parts only.

Symbols



Caution!



Warning! Risk of burns!



Read the operating instructions!



Before performing work of any kind on the unit, always disconnect the power plug from the socket.



ESD-compatible design and ESD-compatible workstation



Equipotential bonding



Soldering



Desoldering



Hot air



CE mark of conformity



Fuse



Safety transformer



Disposal

Do not dispose of electric tools together with household waste material! In observance of European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Technical Data

	soldering station WX 1	soldering station WX 2	desoldering station WXD 2	Hot air station WXA 2
Dimensions L x W x H	170 x 151 x 130 mm 6,69 x 5,94 x 5,12 inch			
Weight	ca. 3,2 kg	ca. 3,2 kg	ca. 3,8 kg	ca. 3,8 kg
Mains supply voltage	230 V, 50 Hz / 120 V, 60 Hz / 100 V 50/60 Hz			
Power consumption	200 W	200 W (255 W)	200 W (255 W)	200 W (255 W)
Safety class	I, antistatic housing III, Soldering tool			
Fuse	T2 A (230 V) T4 A (120 V)			
Temperature range Tool dependent	100 - 450°C (550°F) 200 - 850°F (999°F)			
Temperature accuracy	± 9 °C / ± 17 °F			
Temperature stability	± 2 °C / ± 4 °F			
Air consumption	-	-	35 l / min, max vacuum 55 kPa (8 psi)	-
Compressed air connection	-	-	Compressed air hose outer diameter 6 mm (0,24")	Compressed air hose outer diameter 6 mm (0,24")
Compressed air	-	-	Inlet pressure 400 - 600 kPa (58-87 psi); oil-free, dry compressed air	Inlet pressure 400 - 600 kPa (58-87 psi) oil free, dry compressed air or nitrogen (N2) *
Air flow:	-	-	-	approx. 0-18 l / min at 6 bar

* WXA 2: Nitrogen N2 reduces oxidation and flux remains active for longer. We recommend the nitrogen N2 that is available in steel bottles. The bottle must be equipped with a 0-10 bar pressure reducer.

Subject to technical alterations and amendments.

Weller®



WX
compatible



Translation of the original instructions

.....
WXP 65

WXP 80

WXP 90

WXP 120

WXP 200

WXDP 120

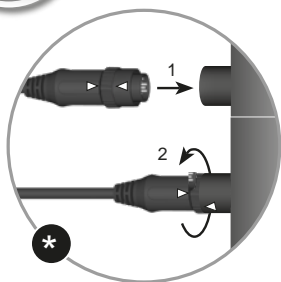
WXDP 120 Robust

WXDV 120

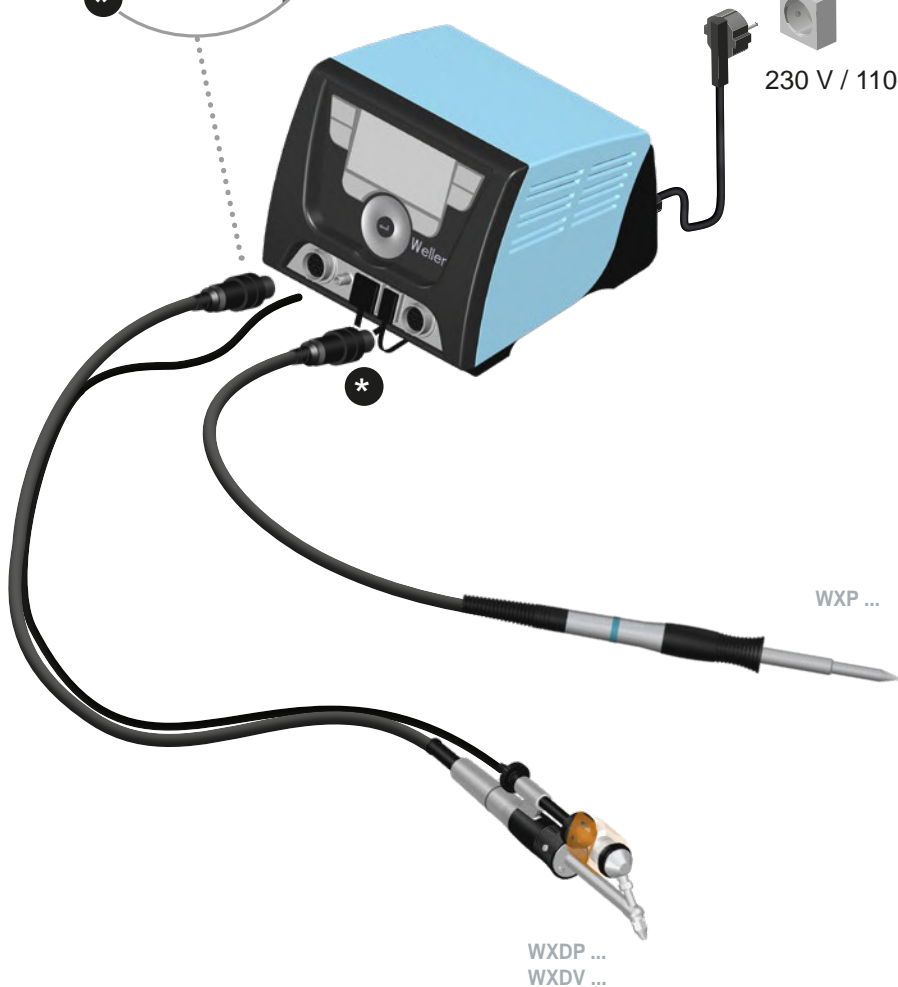
WXHAP 200
.....

1

WX 1 / WX 2 / WXD 2

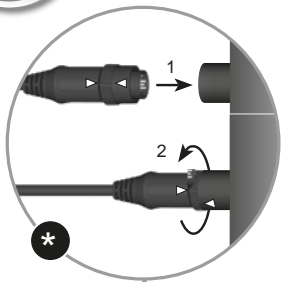


230 V / 110-120V

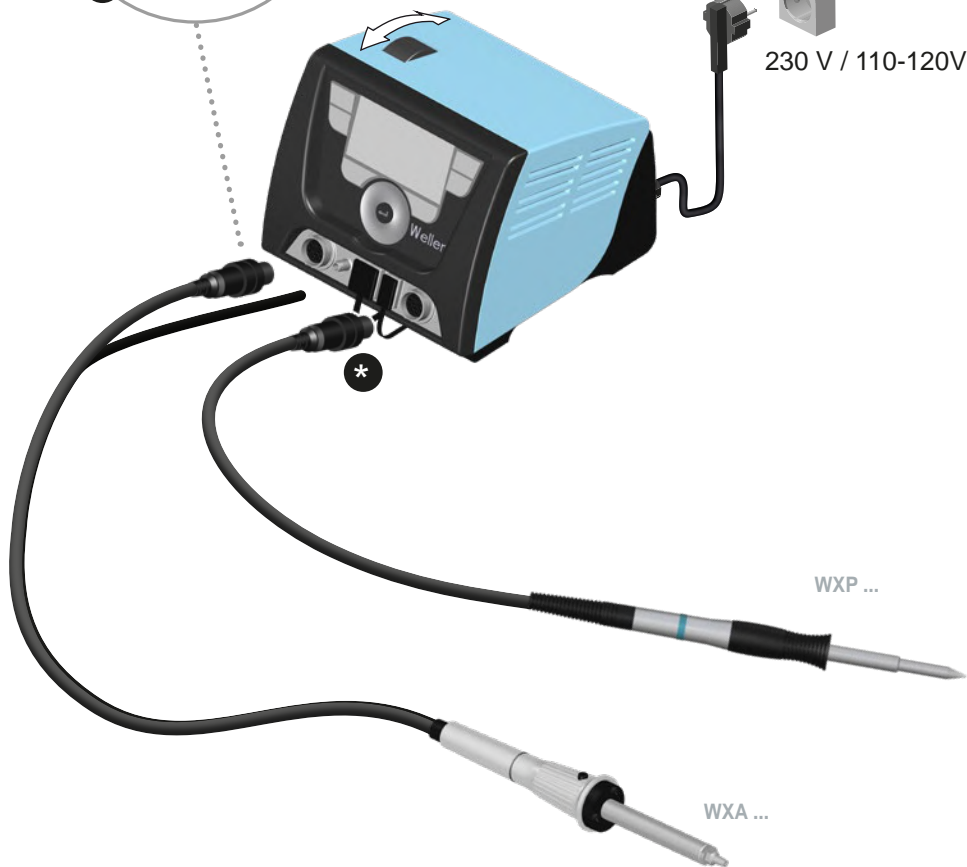


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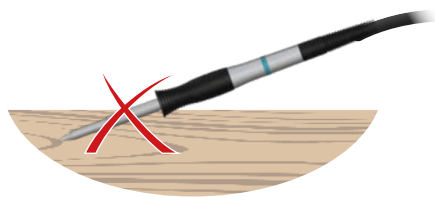
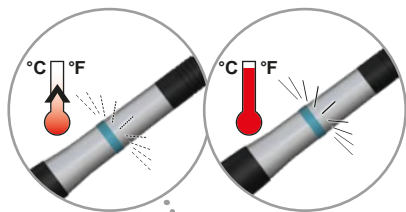
WXA 2



230 V / 110-120V



2



3

WXP 65 / WXP 120



WXP 65 T0052921199



XNT A 1,6 x 0,4 mm
T0054485199

WXP 120 T0052920199

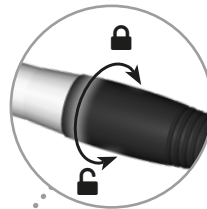
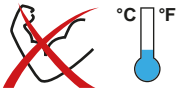


XT B 2,4 x 0,8 mm
T0054470499

&

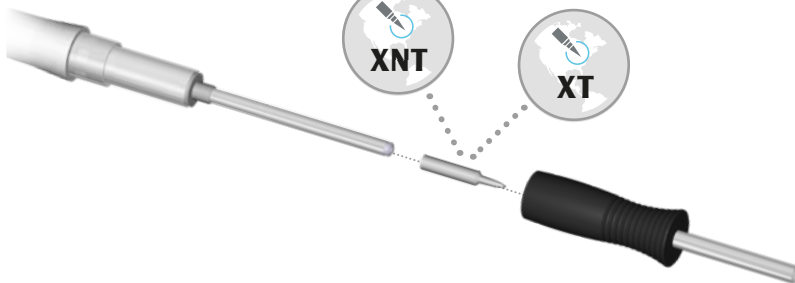
WXP 65 Set / WXP 120 Set

+ **WDH 10** T0051384199



WXP 65

WXP 120



WXP 80



WXP 80 T0052920899

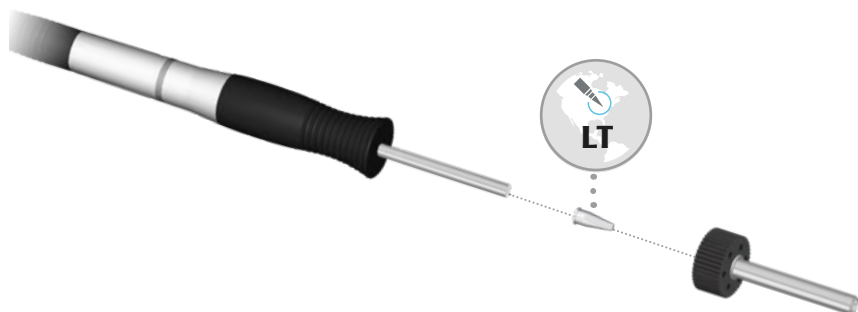
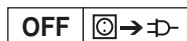


LT B 2,4 x 0,8 mm
T0054440599

&

WXP 80 Set

+ **WDH 10** T0051384199




WXP 90



WXP 90 T0052922499

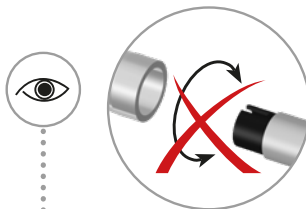
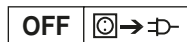


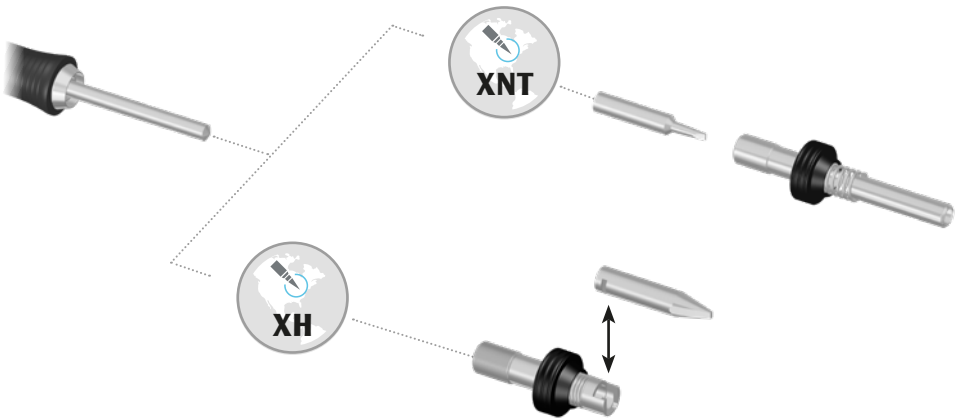
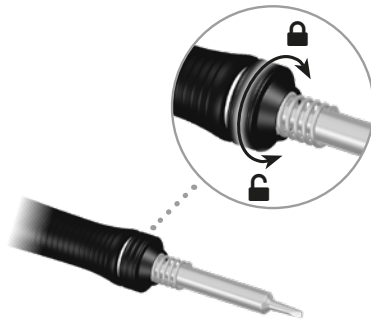
 **XNT A** 1,6 x 0,4 mm
T0054440599



WXP 90 Set

+ **WDH 51** T0051384199

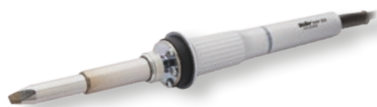




WXP 200



WXP 200 T0052920599



XHT D 5,0 x 1,2 mm
T0054480199



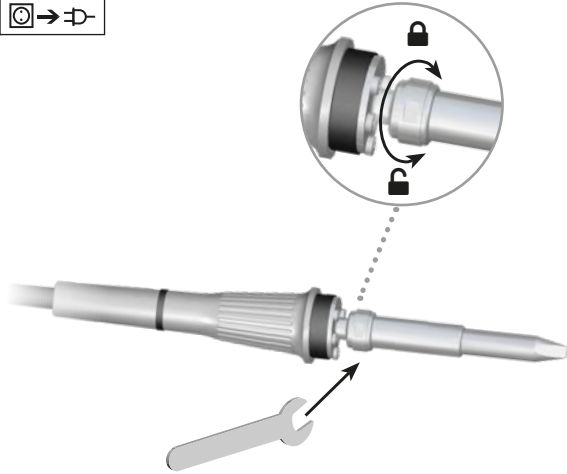
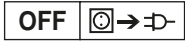
SW 17
T0058741753



WXP 200 Set

+ **WDH 31** T0051384199





WXDP 120 / WXDP 120 Robust



WXDP 120 T0051320199



XDS 1 Ø 1,4 x Ø 2,5 mm
T0051325099

T0058765773



T0058765801



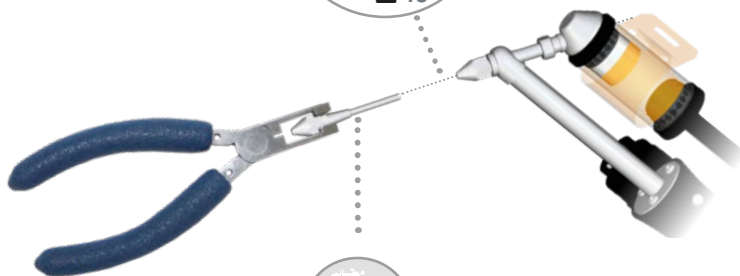
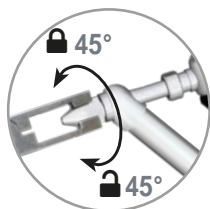
T0058765772

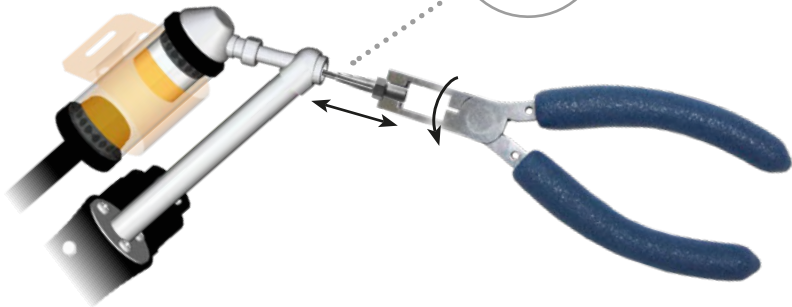
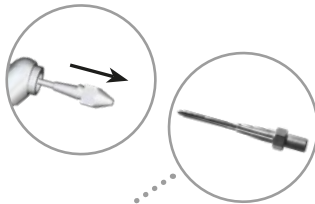
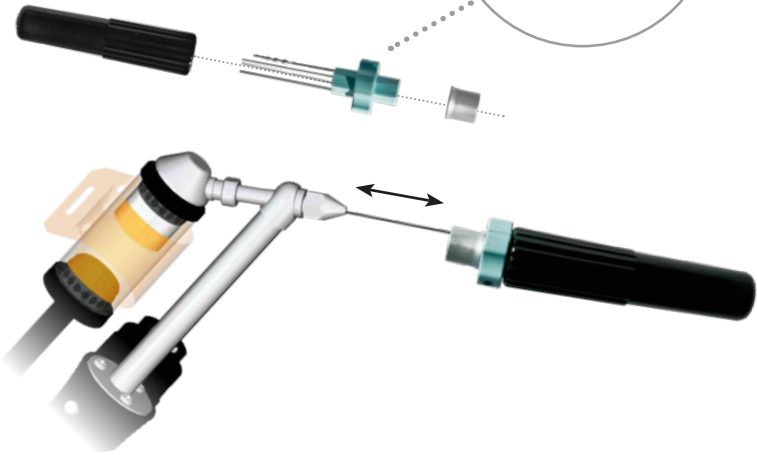
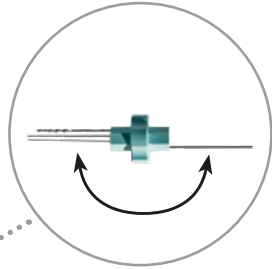
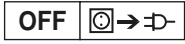


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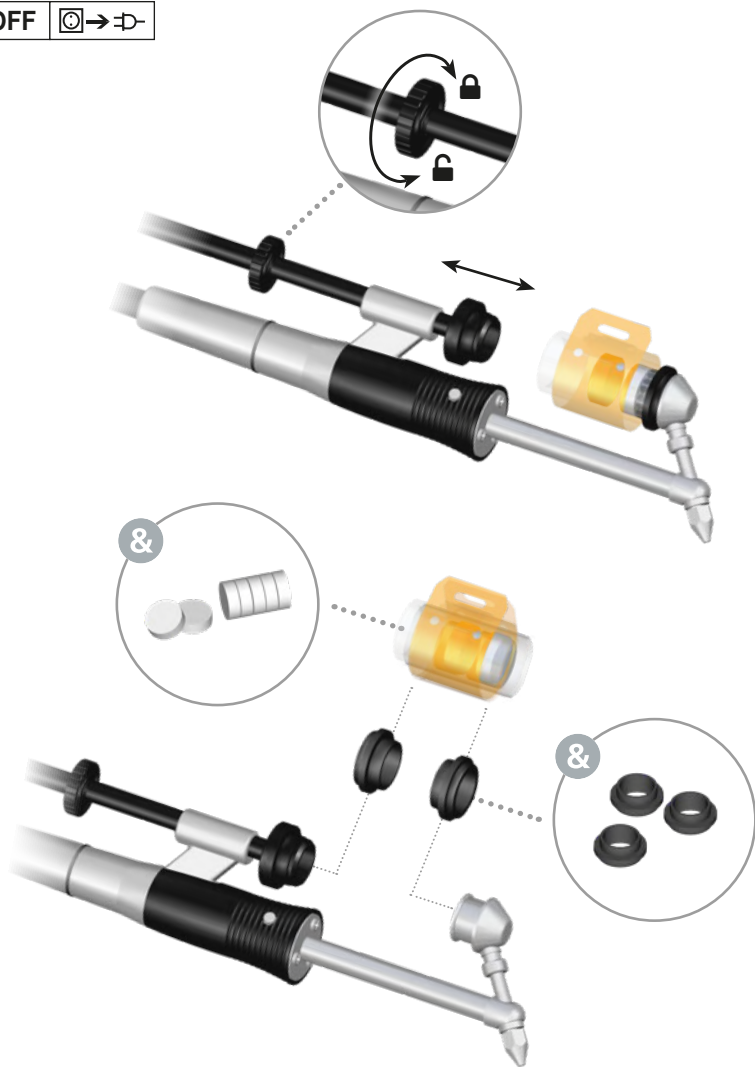
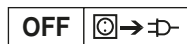
WXDP 120 Set

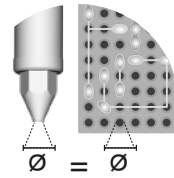
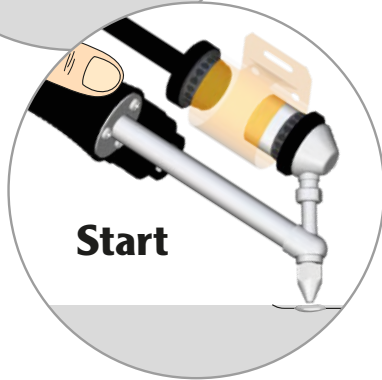
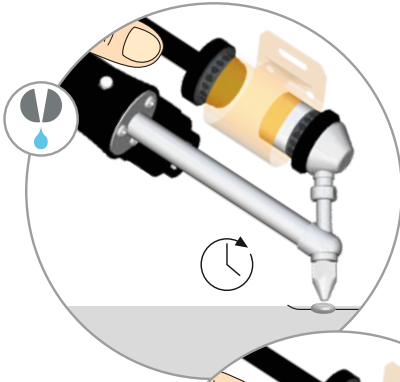
+ **WDH 70** T0051517299





WXDP 120 / WXDP 120 Robust





WXDV 120



WXDV 120 T0051320499



XDS 1 Ø 1,4 x 2,5 mm
T0051325099

T0058765773



T0058765772



T0058765801



WXDV Set

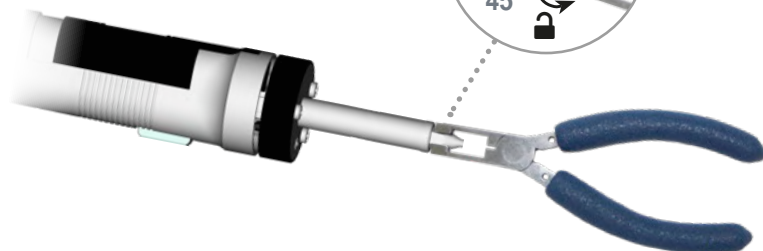
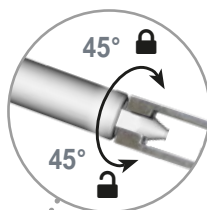
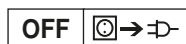
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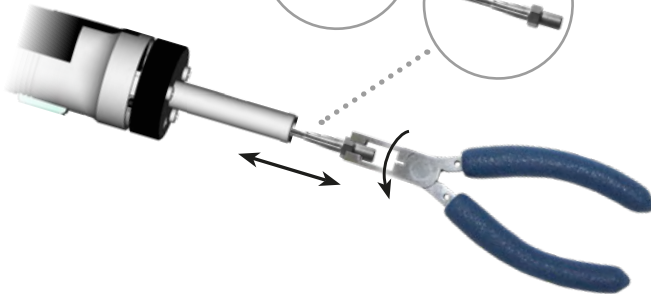
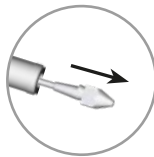
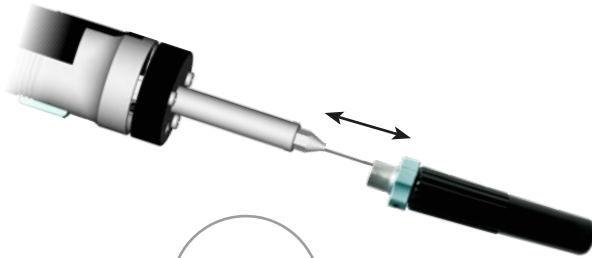
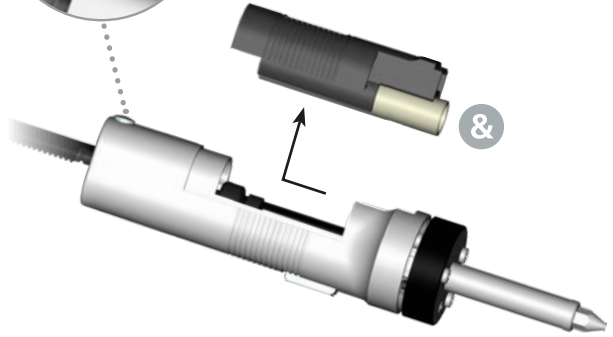
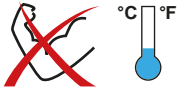


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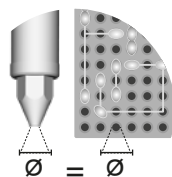
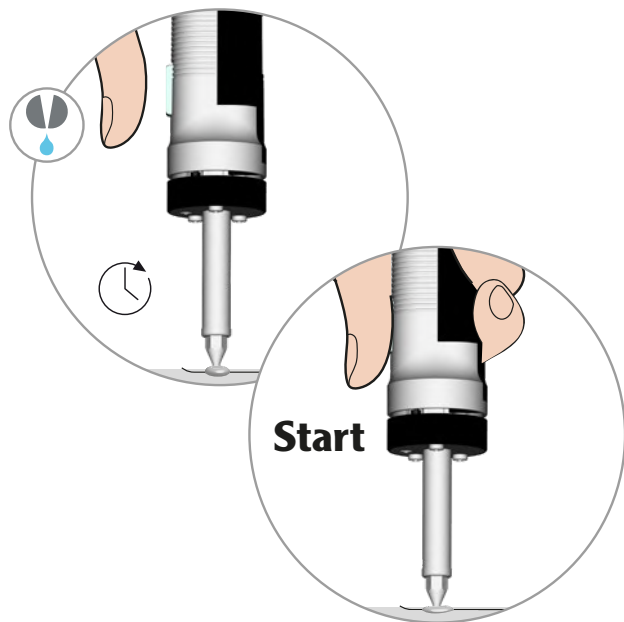


Ø 2,7 mm T0058741059





WXDV 120




WXHAP 200



WXHAP 200 T0052711999



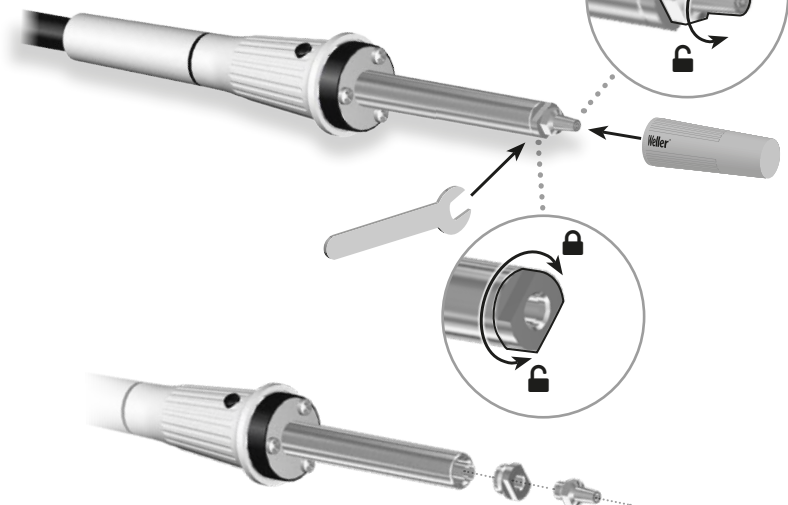
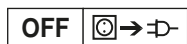
SW 17
T0058741753

 Düsenadapter M6



& WXHAP 200 Set

+ **WDH 30** T0051515299



WXHAP 200

