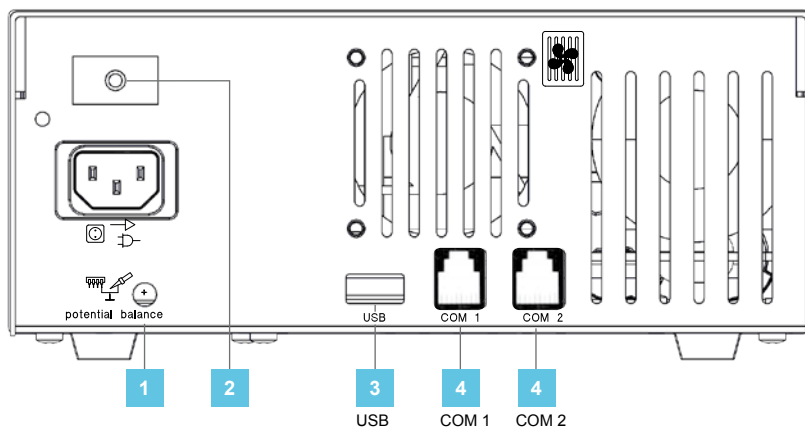


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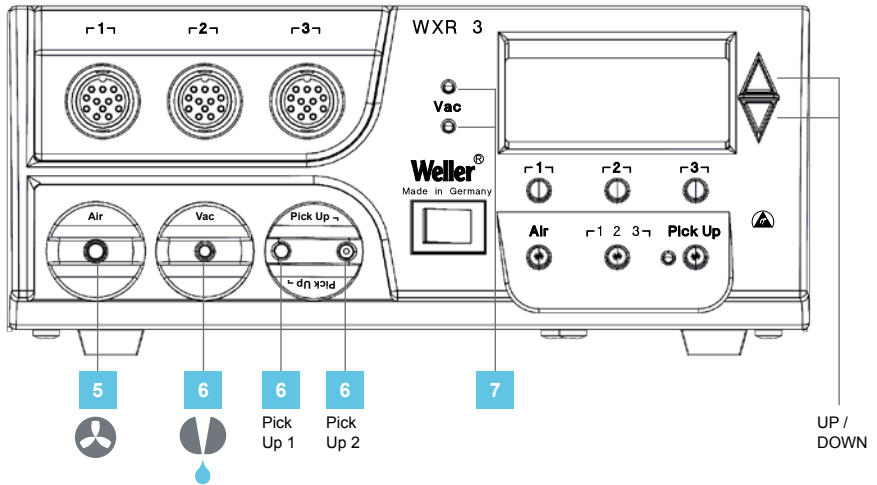


WXR 3

GB Translation of the original instructions



<p>1</p>	<p>DE Potentialausgleich GB Equipotential bonding ES Equipotencial FR Compensation de potentiel IT Compensazione di potenziale PT Equilíbrio do potencial NL Potentiaalvereffening SV Potentialutjämning DK Spændingsudligning</p>	<p>FI Potentiaalilin tasaus GR Εξίσωση δυναμικού TR Potansiyel dengelemesi CZ Vyrovnání potenciálu PL Wyrównanie potencjału HU Feszültségek egyenlítő hűvelő SK Zásuvka vyrovnania potenciálov SL Vtičnica za izenačevanje potenciala</p>	<p>EE Potentsiaalide ühtlustuspüks LV Potenciālu izlīdzināšanas pieslēgvietā LT Potencialo išlyginimo įvorė BG Изравняване на потенциалите RO Egalizare de potențial HR Izjednačavanje potencijala RU Выравнивание потенциалов</p>
<p>2</p>	<p>DE Netzsicherung GB Mains fuse ES Fusible FR Fusible secteur IT Protezione della rete PT Fusível de rede NL Netbeveiliging SV Nätsäkring</p>	<p>DK Netsikring FI Verkkosulake GR Ηλεκτρική ασφάλεια δικτύου TR Şebeke sigortası CZ Sítřová pojistka PL Bezpiecznik sieciowy HU Hálózati biztosíték SK Sieťová poistka</p>	<p>SL Omrežna varovalka EE Võrgukaitse LV Elektriskā tīkla drošinātājs LT Tinklo saugiklis BG Мрежов предпазител RO Siguranță de rețea HR Mrežni osigurač RU Предохранитель электросети</p>
<p>3</p>	<p>DE USB-Schnittstelle GB USB port ES Interfaz USB FR Interface USB IT Interfaccia USB PT Interface USB NL USB-poort SV USB-port</p>	<p>DK USB-port FI USB-liitäntä GR Θύρα διεπαφής USB TR USB arabirim CZ Rozhraní USB PL Złącze USB HU USB csatlakozó SK Rozhranie USB</p>	<p>SL Vmesnik USB EE USB-liides LV USB pieslēgvietā LT USB sąsaja BG USB-интерфейс RO Interfață USB HR Sučelje USB RU Интерфейс USB</p>
<p>4</p>	<p>DE Schnittstelle GB Interface ES Interfaz FR Interface IT Interfaccia PT Interface NL Interface SV Gränssnitt</p>	<p>DK Interface FI Liittymä GR Θύρα διεπαφής TR Arabirim CZ Rozhraní PL Interfejs HU Interfész SK Rozhranie</p>	<p>SL Vmesnik EE Liides LV Saskaņe LT Sąsaja BG Интерфейс RO Interfață HR Sučelje RU Интерфейс</p>



- 5** DE Luftanschlussnippel für Heißluftkolben
 GB Air connection nipple for hot air tools
 ES Boquilla de conexión del aire para el soldador de aire caliente
 FR Raccord de connexion d'air pour fers à air chaud
 IT Nipplo di collegamento aria per saldatore ad aria calda
 PT Niples de ligação de ar para ferros de soldar por ar quente
 NL Luchtaansluitnippel voor heteluchtbout
 SV Luftanslutningsnippel för hetluftspenna

- 6** DE Vakuumschlus
 GB Vacuum connection
 ES Toma de vacío
 FR Raccord de vide
 IT Collegamento per vuoto
 PT Ligação de vácuo
 NL Vacuümaansluiting
 SV Vakuumslutning

- 7** DE LED Vakuum
 GB Vacuum LED
 ES LED Vacío
 FR LED vide
 IT LED Vuoto
 PT LED do vácuo
 NL LED vacuüm
 SV Lysdiod vakuum

- DK Lufttilslutningsnippel til varmluftskolbe
 FI Ilmailiäntänippä ku-uimailmakolyille
 GR Στόμιο σύνδεσης αέρα για έμβολο θερμού αέρα
 TR Sicak hava pistonu için hava baglantı nipli
 CZ Sroubovací přípojka vzduchu pro horkovzdušný pist
 PL Sroubovací přípojka vzduchu pro horkovzdušný pist
 HU Levegőcsatlakozó a forrólevegős páka számára
 SK Přípojka vzduchu pre teplovzdušnú rúčku
 SL Priključni nastavek spajkalnika za vroči zrak

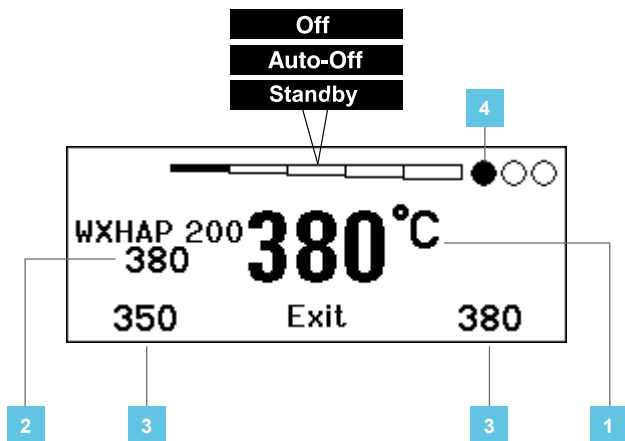
- DK Vakuumslutning
 FI Tyhjiöliitäntä
 GR Σύνδεση κενού
 TR Vakum baglantısı
 CZ Přípojka vakua
 PL Przetłacz próżni
 HU Vákuumcsatlakozó
 SK Pripojka vákua
 SL Priključek za podtlak

- DK LED vakuum
 FI Tyhjiön LED
 GR LED κενού
 TR Vakum LED'i
 CZ LED vakuum
 PL Dioda LED próżni
 HU Vákuum LED
 SK LED-dióda: podtlak

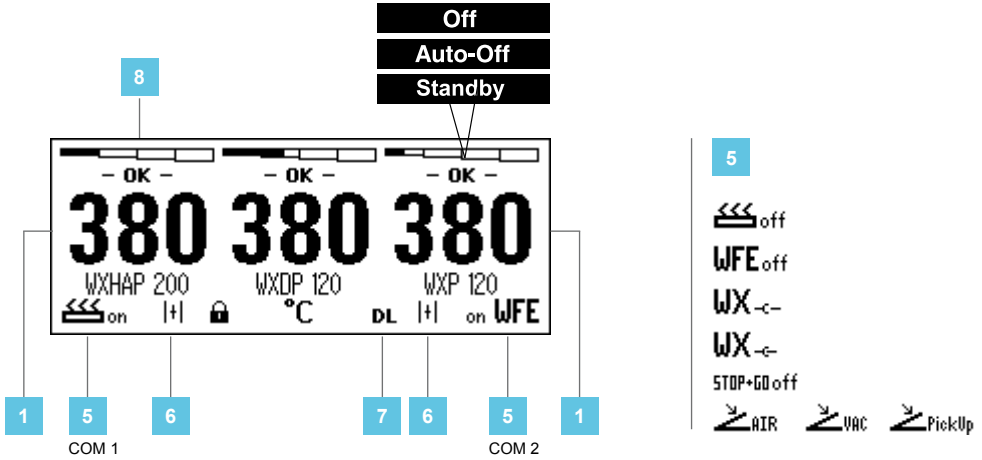
- EE Õhuühenduse nippel kuuma õhu kolvidele
 LV Gaisa pieslēguma nipelis karstā gaisa lodāmuram
 LT Karšto oro stūmoklio oro jungties antgalis
 BG Нипел за присъединяван на въздух за поялник с горещ въздух
 RO Niplu de racordare pentru lteconul cu aer cald
 HR Nazuvica za priključak zra-ka za lemilo na vrući zrak
 RU Подключение воздуха ниппель для горячей пайки воздуха

- EE Vaakumühendus
 LV Vakuuma pieslēgums
 LT Vakuomo jungtis
 BG Съединителен елемент за вакуум
 RO Racord pentru vid
 HR Vakuumski priključak
 RU Вакуумное соединение

- SL LED-dioda podtlaka
 EE LED vaakum
 LV Vakuuma LED diode
 LT LED vakuumas
 BG Вакуум LED
 RO LED vid
 HR LED vakuum
 RU Светодиодный индикатор вакуума



- | | | |
|--|--|---|
| <p>1</p> <p>DE Isttemperatur / Solltemperatur
 GB Actual temperature / nominal temperature
 ES Temperatura real / temperatura de referencia
 FR Température réelle / température de consigne
 IT Temperatura reale / temperatura nominale
 PT Temperatura real / temperatura nominal
 NL Werkelijke temperatuur / gewenste temperatuur
 SV Faktisk temperatur / börtemperatur</p> | <p>DK Faktisk temperatur / nominal temperatur
 FI Todellinen lämpötila / ohjelämpötila
 GR Πραγματική θερμοκρασία / ονομαστική θερμοκρασία
 TR Fırlı sıcaklık / nominal sıcaklık
 CZ Skutečná teplota / nominal sıcaklık
 PL Temperatura rzeczywista / temperatura zadana
 HU Mért hőmérséklet / temperatura hőmérséklet
 SK Skutočná teplota / požadovaná teplota</p> | <p>SL Dejanska temperatura / želena temperatura
 EE Tegelik väärtus / sihttemperatuur
 LV Faktiskā temperatūra / vēlamā temperatūra
 LT Esama temperatūra / nustatytoji temperatūra
 BG Действителна температура / Зададена температура
 RO Temperatura efectivă / Temperatura nominală
 HR Stvarna temperatura / Zadana temperatura
 RU Фактическая температура / Заданная температура</p> |
| <p>2</p> <p>DE Solltemperatur
 GB Nominal temperature
 ES Temperatura de referencia
 FR Température de consigne
 IT Temperatura nominale
 PT Temperatura nominal
 NL Gewenste temperatuur
 SV Börtemperatur</p> | <p>DK Nominal temperatur
 FI Ohjelämpötila
 GR Ονομαστική θερμοκρασία
 TR Nominal sıcaklık
 CZ Nominal sıcaklık
 PL Temperatura zadana
 HU Temperatura hőmérséklet
 SK Požadovaná teplota</p> | <p>SL Želena temperatura
 EE Sihttemperatuur
 LV Vēlamā temperatūra
 LT Nustatytoji temperatūra
 BG Зададена температура
 RO Temperatura nominală
 HR Zadana temperatura
 RU Заданная температура</p> |
| <p>3</p> <p>DE Festtemperatur
 GB Fixed temperature
 ES Temperatura fija
 FR Température fixe
 IT Temperatura fissa
 PT Temperatura fixa
 NL Vaste temperatuur
 SV Fast temperatur</p> | <p>DK Fast temperatur
 FI Kiinteä lämpötila
 GR Σταθερή θερμοκρασία
 TR Sabit sıcaklık
 CZ Stanovená teplota
 PL Temperatura stała
 HU Rögzített hőmérséklet
 SK Pevná teplota</p> | <p>SL Stalna temperatura
 EE Püsitemperatuur
 LV Noteiktā temperatūra
 LT Fiksuotoji temperatūra
 BG Непроменлива температура
 RO Temperatura fixă
 HR Fiksna temperatura
 RU Фиксированная температура</p> |
| <p>4</p> <p>DE Aktiver Kanal
 GB Active channel
 ES Canal activo
 FR Canal actif
 IT Canale attivo
 PT Canal ativo
 NL Actief kanaal
 SV Aktiv kanal</p> | <p>DK Aktiv kanal
 FI Aktiivitu kanava
 GR Ενεργό κανάλι
 TR Aktif kanal
 CZ Aktivní kanál
 PL Aktywny kanał
 HU Aktiv csatorna
 SK Aktivný kanál</p> | <p>SL Aktivni kanal
 EE Aktiivne kanal
 LV Aktīvais kanāls
 LT Aktyvus kanalas
 BG Активен канал
 RO Canal activ
 HR Aktivni kanal
 RU Активный канал</p> |



- | | | | | | |
|--|--|---|--|--|--|
| <p>5 DE Schnittstelle COM 1 / COM 2
 GB Interface COM 1 / COM 2
 ES Interfaz COM 1 / COM 2
 FR Interface COM 1 / COM 2
 IT Interfaccia COM 1 / COM 2
 PT Interface COM 1 / COM 2
 NL Interface COM 1 / COM 2
 SV Gränssnitt COM 1 / COM 2</p> | <p>6 WFV 60A
 DE Zustandsanzeige
 GB Status indication
 ES Indicación del estado
 FR Indication d'état
 IT Indicatore di stato
 PT Indicação de status
 NL Statusweergave
 SV Statusvisning</p> | <p>7 DE DATA LOGGER (DL) aktiv
 GB DATA LOGGER (DL) active
 ES DATA LOGGER (DL) activo
 FR DATA LOGGER (DL) actif
 IT DATA LOGGER (DL) attivo
 PT REGISTO DE DADOS (DL) activo
 NL DATA LOGGER (DL) actief
 SV DATA LOGGER (DL) aktiv
 DK DATA LOGGER (DL) aktiv</p> | <p>8 2 CH 1, 2, 3
 DE Indikator Schaltausgang
 GB Switching output indicator
 ES Indicador salida de conexión
 FR Indicateur sortie de commutation
 IT Indicatore uscita di commutazione
 PT Indicador da saída de comunicação
 NL Indicator schakeluitgang</p> | <p>DK Interface COM 1 / COM 2
 FI Liittymä COM 1 / COM 2
 GR Θύρα διαπαράσης COM 1 / COM 2
 TR Arabirim COM 1 / COM 2
 CZ Rozhraní COM 1 / COM 2
 PL Interfejs COM 1 / COM 2
 HU Interfész COM 1 / COM 2
 SK Rozhranie COM 1 / COM 2</p> <p>DK Statusindikator
 FI Tilanneilmais
 GR Ενδειξη προόδου
 TR Durum göstergesidir
 CZ Zobrazení stavu
 PL Wyświetlacz stanu
 HU Állapot kijelző
 SK Zobrazenie stavu</p> <p>FI DATA LOGGER (DL) aktivoitu
 GR DATA LOGGER (DL) ενεργό
 TR VERİ GÜNLÜKLEYİCİ (DL) aktif
 CZ DATA LOGGER (DL) aktivní
 PL DATA LOGGER (DL) aktywny
 HU DATA LOGGER (DL - adatnaplózás) aktív
 SK DATA LOGGER (DL) aktivný
 SL DATA LOGGER (DL) je aktiviran
 EE DATA LOGGER (DL) on aktiivne</p> <p>SV Indikator kopplingsutgång
 DK Indikator koblingsudgang
 FI Kytentälähdön ilmaisin
 GR Δεικτης επαφής εξόδου
 TR Devre çıkışı göstergesi
 CZ Indikátor spínacích výstupu
 PL Wskaźnik wyjścia przełączającego
 HU Kapcsolókimenet indikátor
 SK Indikátor spínacích výstupu</p> | <p>SL Vmesnik COM 1 / COM 2
 EE Liides COM 1 / COM 2
 LV Saskaņe COM 1 / COM 2
 LT Sašaja COM 1 / COM 2
 BG Интерфейс COM 1 / COM 2
 RO Interfață COM 1 / COM 2
 HR Sučelje COM 1 / COM 2
 RU Интерфейс COM 1 / COM 2</p> <p>SL Prikaz stanja
 EE Olekuekraan
 LV Stāvokļa displejs
 LT Būklės indikatorius
 BG Индикация на състоянието
 RO Afişajul de stare
 HR Prikaz stanja
 RU Индикация состояния</p> <p>LV DATU REĢISTRĒTĀJS (DR) ir ieslēgts
 LT Aktyvintas duomenų registravimo įtaisas DATA LOGGER (DL)
 BG DATA LOGGER (DL) активна
 RO DATA LOGGER (DL) activ
 HR DATA LOGGER (DL) aktiviran
 RU РЕГИСТРАТОР ДАННЫХ (РД) активирован</p> <p>SL Indikator izhoda
 EE Lülitusväljundi indikaator
 LV Slēguma izejas indikators
 LT Indikatoriaus jungimo išvada
 BG Включване индикатор изход
 RO Indicator ieşire de comutare
 HR Indikator prekidača za izlaz
 RU Индикатор коммутируемого выхода</p> |
|--|--|---|--|--|--|

For your safety

Thank you for the confidence you have shown in buying this device.

The device has been manufactured in accordance with the most rigorous quality standards which ensure that it operates perfectly.



Read these instructions and the accompanying safety information carefully before starting up the device and starting work with the device.

Keep these instructions in a place that is accessible to all users.

These instructions contain important information which will help you to start up, operate and service the device safely and correctly as well as to eliminate simple faults and malfunctions yourselves.

The device has been manufactured in accordance with state-of-the-art technology and acknowledged regulations concerning safety.

There is nevertheless the risk of personal injury and damage to property if you fail to observe the safety information set out in the accompanying booklet and the warnings given in these instructions.

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 device is not intended for use by persons (including children) with limited physical, sensory or mental aptitude, or by persons who lack knowledge or experience in handling the device.



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 WX tools.
- Never use the USB port as a power supply for third-party devices.

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.



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.
- Only connect the vacuum and hot air at the designated points.
- Do not direct hot air soldering tools at people or inflammable objects.



Warning! Fire and explosion hazard!
Hot tools represent a fire hazard

- Always place the soldering tool in the safety rest while not in use.
- Do not direct hot air soldering tools at people or inflammable objects.
- Keep explosive and flammable objects well away from the device.
- Do not cover the device.

Specified Conditions Of Use

Supply unit for WELLER WX soldering tools. Use the repair station only for the purpose indicated in the operating instructions of soldering and desoldering under the conditions specified herein.



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.

Only use the device indoors. Protect against moisture and direct sunlight.

Intended use of the soldering station/ desoldering station also includes the requirement that you

- adhere to these instructions,
- observe all other accompanying documents,
- comply with national accident prevention guidelines applicable at the place of use.

The manufacturer will not be liable for unauthorised modifications to the device.

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

Starting up the device

Caution!

Please adhere to the operating instructions of the connected devices.

Put the tool into operation as described in the chapter „Placing into operation“.



Check to see if the mains voltage matches the ratings on the nameplate.

Make sure the machine is switched off before plugging in.

After switching on the device, the microprocessor carries out a self- test and reads out the values of the parameters stored in the tool.

The set-point temperature and fixed temperatures are stored in the tool. The actual temperature value increases to the set-point temperature (= soldering tool is heated up).

Soldering and desoldering

Carry out soldering work as directed in the operating instructions of your connected soldering tool.

Handling the soldering tips

- Coat the selective and tinnable soldering tip with solder when heating it up for the first time. This removes oxide coatings which have formed during storage and impurities from the soldering tip.
- Make sure that the soldering tip is well coated with solder during breaks between soldering work and prior to storage of the device.
- Do not use aggressive fluxing agents.
- Always make sure that the soldering tips are fitted properly.
- Select as low a working temperature as possible.
- Select the largest possible soldering tip shape for the application.
Rule of thumb: the soldering tip should be roughly as large as the soldering pad.
- Coat the soldering tip well with solder to ensure

that there is efficient heat transfer between the soldering tip and the soldering area.

- Prior to extended breaks between soldering work, switch off the soldering system or use the Weller function to reduce the temperature when the soldering equipment is not in use.
- Coat the tip with solder prior to storage if you do not intend to use the soldering iron for an extended period of time.
- Apply solder directly to the soldering area, not to the soldering tip.
- Change the soldering tips using the designated tool.
- Do not apply mechanical force to the soldering tip.

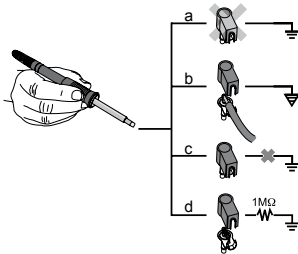
Notice

The control units have been adapted to hold a medium-sized soldering tip. Discrepancies may occur if the tip is changed or a different shaped tip is used.

Overload cut-out

To avoid overloading the station, power output is automatically reduced in the event of an overload.

Equipotential bonding



Four variants are possible by connecting the 3.5 mm jack socket differently:

a	Hard-grounded	supplied without plug.
b	Equipotential bonding	with plug, equaliser at centre contact.
c	Floating	with plug
d	Soft-grounded	with plug and soldered resistor. Grounded through selected resistor.

Carrying out a firmware update

Notice

The station must not be switched off while the firmware update is running.

Switch off station 1.

2. Insert the memory stick into the USB port.

Switch on station 3.

The firmware update is performed automatically. If you have a more already installed more recent firmware on your station, this will not be changed.

Care and maintenance



Warning!

Before doing any work on the machine, pull the plug out of the socket.



Warning!

Use original replacement parts only.



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

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

Filter change

To ensure that the filtration system functions properly, the filter must be replaced as follows

- at least once a year or
- when indicated or
- as per maintenance schedule

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.

Parameter menu

Standby Temp.

 Menu access ► Tool parameters

The soldering tools have a usage detection device (sensor) in the handle which automatically initiates cooling to Standby temperature when the soldering tool is not in use.

Standby time (temperature deactivation)

 Menu access ► Tool parameters

When the soldering tool is not in use, the temperature is reduced to Standby temperature on expiration of the set Standby time. The display reads „Standby“.

Press control key to exit Standby mode. The sensor integrated tool detects the change in state and deactivates Standby mode as soon as the tool is moved.

Option	Description
OFF	standby time is deactivated (factory setting)
1-999 min	standby time, individually adjustable
---	The tool is not supported

AUTO OFF time (automatic switch-off time)

 Menu access ► Tool parameters

When the soldering tool is not in use, the soldering tool heater is switched off when the AUTO OFF time expires.

Temperature deactivation is performed independently of the set standby function. The actual temperature is indicated and serves as a residual heat display. The display reads „AUTO OFF“.

Option	Description
OFF	AUTO OFF function is deactivated (factory setting)
1-999 min	AUTO-OFF time, can be set individually.

Sensitivity

 Menu access ► Tool parameters

Option	Description
low	Non-sensitive – Reacts to heavy (long) movement
normal	standard (factory setting)
high	Sensitive - Reacts to light (short) movement
---	The tool is not supported

Max. hot air duration WXHAP

 Menu access ► Tool parameters

The on-time of the hot air flow of the WXHAP can be limited in increments of 1 to between 0 and 300 sec. The factory default is 0 s („OFF“), i.e. air flows only as long as the button on the hot air tool or the optional footswitch is pressed.

Option	Description
OFF	No duration defined (factory setting)
1-300 s	Individually adjustable

Offset (Temperature-Offset)

 Menu access ► Tool parameters

The actual soldering-tip temperature can be adapted by entering a temperature offset around ± 40 °C (± 72 °F).

Parameter menu

EN

Perform. Mode

 Menu access ► Tool parameters

The function determines the heating characteristics of the soldering tool to achieve the set tool temperature.

Option	Description
standard	adapted (medium) heating (factory setting)
min.	slow heating
max.	rapid heating

Button lock WXHAP

 Menu access ► Tool parameters

This function can be used to adjust the factory button presets of the WXHAP tool.

Option	Description
OFF	–
ON	The WXHAP is switched on the first time the button is pressed and switched off the next time the button is pressed.

Process window

 Menu access ► Tool parameters

The temperature range set in the process window determines the signal response of the floating switching output.

Notice

On tools with an LED ring light (e.g. WXDP 120), the process window defines the illumination characteristics of the LED ring light.

If the LED is continuously illuminated, this means that the preselected temperature has been reached or that the temperature is within the predetermined process window.

A flashing LED indicates that the system is heated or that the temperature is outside the process window.

Language

 Menu access ► Station parameters

CHN	中文	FRA	Français	RUS	Русский	KOR	한국말
DEN	Dansk	GER	Deutsch	SWE	Svenska	CZE	Český
ENG	English	HUN	Magyar	TUR	Türkçe		
ESP	Español	ITA	Italiano	JPN	日本語		
FIN	Suomi	POR	Português	POL	Polski		

Temperature version °C/°F (temperature units)

 Menu access ► Station parameters

Option	Description
°C	Celsius
°F	Fahrenheit

Parameter menu

Password (lock function) Menu access ► Station parameters

After switching the lock function on, only the fixed temperature keys can be operated on the soldering station. All other settings are disabled until the repair station is unlocked again.

Notice
If you want only one temperature value to be selectable, the control keys fixed temperature keys) must be set to the same temperature value.

Locking the soldering station

Set the desired three-digit locking code (between 001 and 999) using the UP / DOWN buttons. Confirm the code with the Enter key.

The lock is active (the display shows a lock symbol).

Unlocking the soldering station

1. Call up the parameter menu. If the lock function is active, the password menu item opens automatically. Three stars (***) are shown on the display.
2. Set the three-digit locking code using the UP / DOWN buttons.
3. Confirm the code with the Enter key.

Forgotten code?
Please contact our Customer Service: technical-service@weller-tools.com

Single-channel display Menu access ► Station parameters

To obtain more straightforward readings, the display mode from can switched from 3-channel display to 1-channel display.

If single-channel display is selected, the device does not reset automatically to 3-channel display after setting the temperature of a tool channel.

The display mode can be reset using $\uparrow 2 \downarrow$.

Option	Description
OFF	Automatic reset to 3-channel display (factory setting)
ON	No automatic reset to 3-channel display

Vacuum pre-feed Menu access ► Station parameters

In order to prevent the pump from starting prematurely or to ensure a defined soldering-joint preheating time, it is possible to set an ON delay.

Option	Description
0 sec	OFF: vacuum pre-feed function is OFF (factory setting)
1-10 sec	ON: vacuum pre-feed time, individually

Vacuum run-on Menu access ► Station parameters

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

Option	Description
0 sec	OFF: vacuum run-on function is OFF (factory setting)
1-10 sec	ON: vacuum run-on time, individually adjustable

Parameter menu

EN

Pressure gauge threshold

Menu access ► Station parameters

This function can be used to define the maintenance interval of the desoldering tool. This is done by setting the value in mbar at which the electric pressure gauge issues a warning signal when the intake system is contaminated (LED of the vacuum pump switches from green to red). The set value is dependent on the suction nozzles used.

Adjustable -400 mbar to -800 mbar
 factory setting -600 mbar

1. The system (tips and filter) must be free.

2. Select the menu item „Pressure gauge threshold“ in the menu.
3. Set the „Pressure gauge threshold“ pressure value with the UP or DOWN button. The status LED switches back and forth between red and green. Use the UP button to increase vacuum by 50 to 80 mbar, then pinch the vacuum tube and check whether the LED switches from green to red.
4. Adopting the set change.

Interface COM 1 / 2

Menu access ► Station parameters

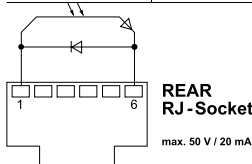
Option	Description
RS232	Serial communication with PC or other compatible Weller devices (factory setting).
Air	The COM 1 port is configured as a foot switch input for activating the air flow.
Vac	The COM 1 port is configured as a foot switch input for activating the vacuum.
PickUp	The COM 1 port is configured as a foot switch input for activating the PickUp vacuum.
Stop&Go	The COM 1 port is used to drive an optional optotransmitter so that a KHE-P control unit can be activated via an optical fibre. The output is activated when a tool is used. In addition, the floating switched output is closed. The output is off in the Standby, Auto Off or Off positions, or if no tool is inserted.

Floating switching output 1

Menu access ► Station parameters

Floating switching output 1 is located at the COM 1 port.

Option	Description
OFF	(factory setting)
ZeroSmog	The floating switching output is closed when a tool is in use. Selected Zero Smog extraction systems can be connected using an optional adaptor (WX HUB). The rear RS 232 port remains functional. Switching output is open in the Standby, Auto Off or Off positions, or if no tool is inserted.



Notice

If the COM 1 port is also configured for „Stop&Go“ use, the „Filter full“ message is evaluated by the WX HUB and, where applicable, a message appears on the display .

Parameter menu

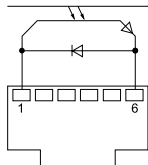
Floating switching output 2

Menu access ► Station parameters

EN

Floating switching output 2 is located at the COM 2 port.

Option	Description
OFF	(factory setting)
CH 1	Tool channel 1 controls the switching output
CH 1+2	Tool channel 1 + 2 controls the switching output
CH 1+2+3	Tool channel 1 + 2 + 3 controls the switching output



**REAR
RJ-Socket**
max. 50 V / 20 mA

Notice

If the robot is at working temperature, the display will show – ok –.













Technical Data

Repair station	WXR 3
Dimensions L x W x H	273 x 235 x 102 mm (10,75 x 9,25 x 4,02 inch)
Weight	ca. 6,7 kg
Mains supply voltage	230 V, 50 Hz T0053500699 120 V, 60 Hz WXR 3 100 V 50/60 Hz T0053500199
Power consumption	420 W (600 W)
Safety class	I, antistatic housing III, Soldering tool
Fuse	Overcurrent release 230 V; 2,0 A 120 V; 4,0 A
Temperature range	Celsius: 100 - 450°C (550°C) Fahrenheit: 200 - 850°F (999°F) Controllable temperature range is tool-dependent
Temperature accuracy	± 9 °C (± 17 °F) Tool dependent (WXHAP ±30 °C / ±80 °F)
Temperature stability	± 2 °C (± 4 °F)
Equipotential bonding	Via 3.5 mm pawl socket on back of unit
Display	240 x 88 dots / Backlighting
USB port	The control unit comes with a front-side USB port for installing firmware updates, configuration and monitoring.
Pump (Intermittent mode (30/30) s)	Max. vacuum 0,7 bar Max. delivery rate 18 l/min Max. hot air 15 l/min
Additional vacuum pump	Max. vacuum 0,5 bar Max. delivery rate 1,7 l/min

Error messages and error clearance

Message/symptom	Possible cause	Remedial measures
Display: „- - -“	<ul style="list-style-type: none"> ■ Tool has not been detected ■ Tool defective 	<ul style="list-style-type: none"> ■ Check connection of tool to device ■ Check connected tool
No display function (display OFF)	<ul style="list-style-type: none"> ■ No mains supply voltage 	<ul style="list-style-type: none"> ■ Turn on mains power switch ■ Check mains supply voltage ■ Check device fuse
No vacuum at desoldering tool	<ul style="list-style-type: none"> ■ Vacuum not connected ■ Desoldering nozzle clogged ■ Pump faulty 	<ul style="list-style-type: none"> ■ Connect vacuum hose to vacuum connection ■ Service desoldering nozzle using cleaning tool
Insufficient vacuum at desoldering tool	<ul style="list-style-type: none"> ■ Filter cartridge on desoldering tool full ■ Main filter full 	<ul style="list-style-type: none"> ■ Change filter cartridge on desoldering tool full ■ Change the main filter element on the soldering station
Hot air tool has no air	<ul style="list-style-type: none"> ■ Air hose not connected ■ Main filter full 	<ul style="list-style-type: none"> ■ Connect or check air hose ■ Change main filter cartridge on soldering station

Symbols

	Caution!		Soldering
	Read the operating instructions!		Desoldering
	Before performing work of any kind on the unit, always disconnect the power plug from the socket.		Hot air
	ESD-compatible design and ESD-compatible workstation		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. Dispose of replaced equipment parts, filters or old devices in accordance with the rules and regulations applicable in your country.
	Equipotential bonding		
	CE mark of conformity		
	Fuse		
	Safety transformer		

Original declaration of conformity

Repair station **WXR 3**
Tool **WXHAP 200, WXDP 120, WXDV 120, WXP 65, WXP 120,**
WXP 200, WXMP, WXMT, WXS 200, WXHP 120

We hereby declare that the products described herein comply with the following guidelines:
 2011/65/EU (RoHS), 2004/108/EG, 2006/42/EG

Applied harmonised standards:

DIN EN 55014-1: 2012-05	DIN EN 60335-1: 2012-10
DIN EN 55014-2: 2009-06	DIN EN 60335-2-45: 2012-08
DIN EN 61000-3-2: 2010-03/2011-06	DIN EN 62233: 2008-11/2009-04
DIN EN 61000-3-3: 2014-03	DIN EN 50581:2013-02

CE Besigheim, 2014-07-18



T. Fischer
 Technical director



S. Hofmann
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Authorised to compile technical documentation.

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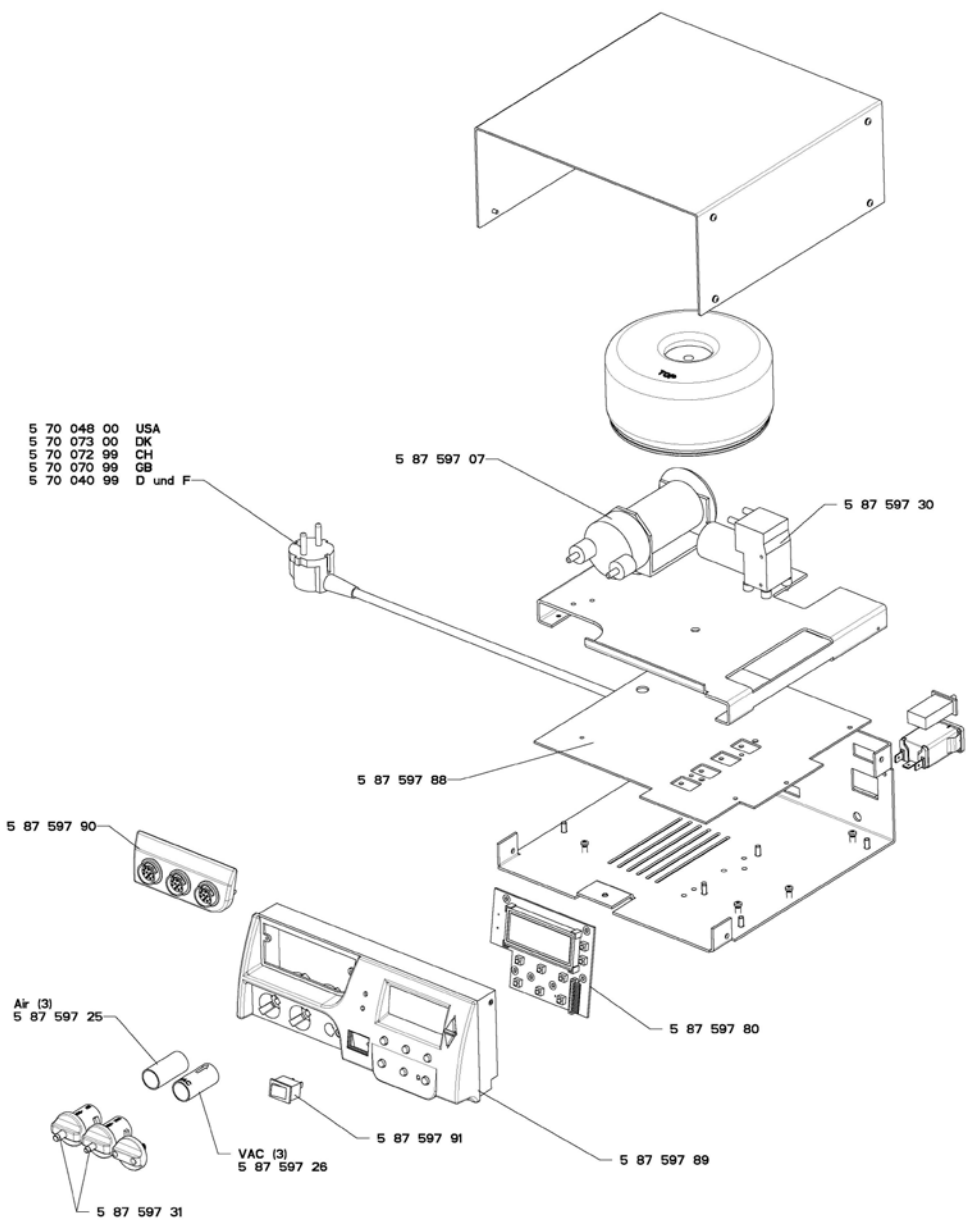
Warranty

Claims by the buyer for physical defects are time-barred after a period of one year from delivery to the buyer. This does not apply to claims by the buyer for indemnification in accordance with §§ 478, 479 BGB (German Federal Law Gazette).

We shall only be liable for claims arising from a warranty furnished by us if the quality or durability warranty has been furnished by use in writing and using the term „Warranty“.

The warranty shall be void if damage is due to improper use and if the device has been tampered with by unauthorised persons.

Subject to technical alterations and amendments.
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