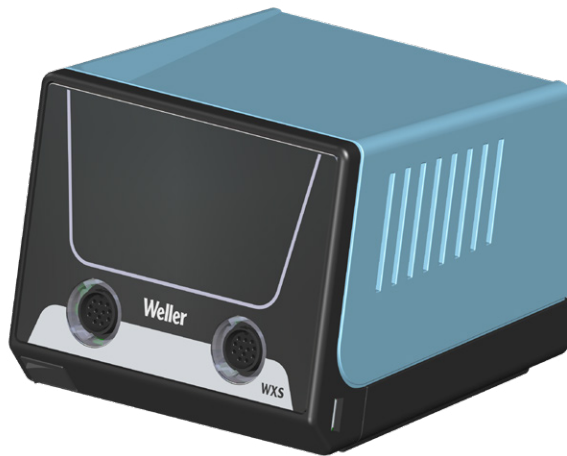


# Weller<sup>®</sup>

WXsmart

## WXsmart menu



DE Originalbetriebsanleitung

GB Translation of the original instructions



[www.weller-tools.com](http://www.weller-tools.com)



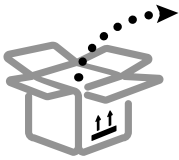
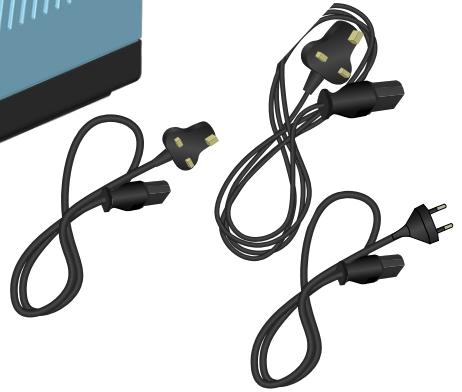
**VIDEO**



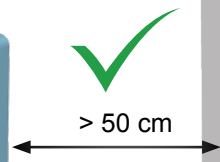
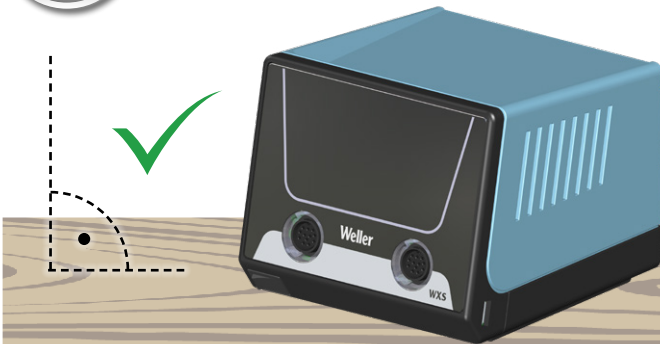
**FAQ**



1



2



3



USB



RS232

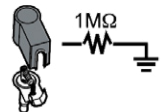
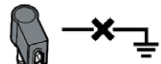
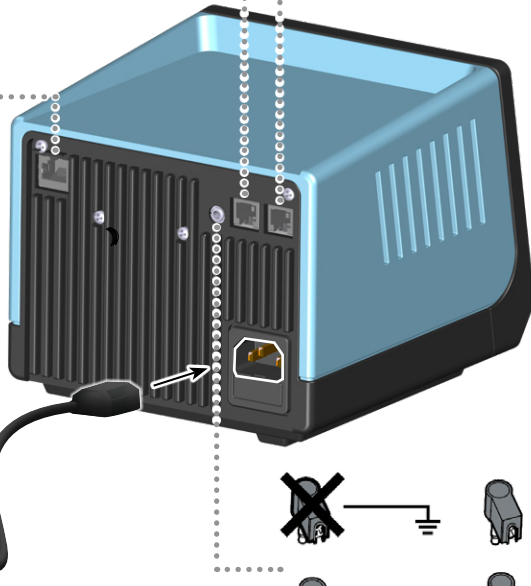


LAN

110 - 120 V

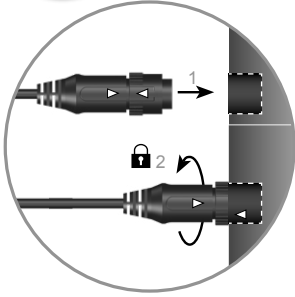


230 V

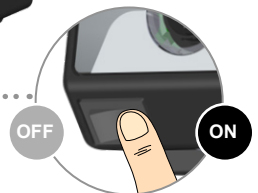




4



5



# Content

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<b>DE</b>	1. Hauptmenü	<b>11</b>
	Schnellstart	<b>14</b>
	2. Werkzeugeinstellungen	<b>19</b>
	3. Einstellungen	<b>31</b>
	4. Lötrauchabsaugung	<b>46</b>
	5. WX Air Modul (Ent- und Heißluftmodul)	<b>50</b>
	6. WCU Temperaturmessgerät	<b>52</b>
	7. Vorheizplatten	<b>57</b>
	WXS Line Card	<b>61</b>

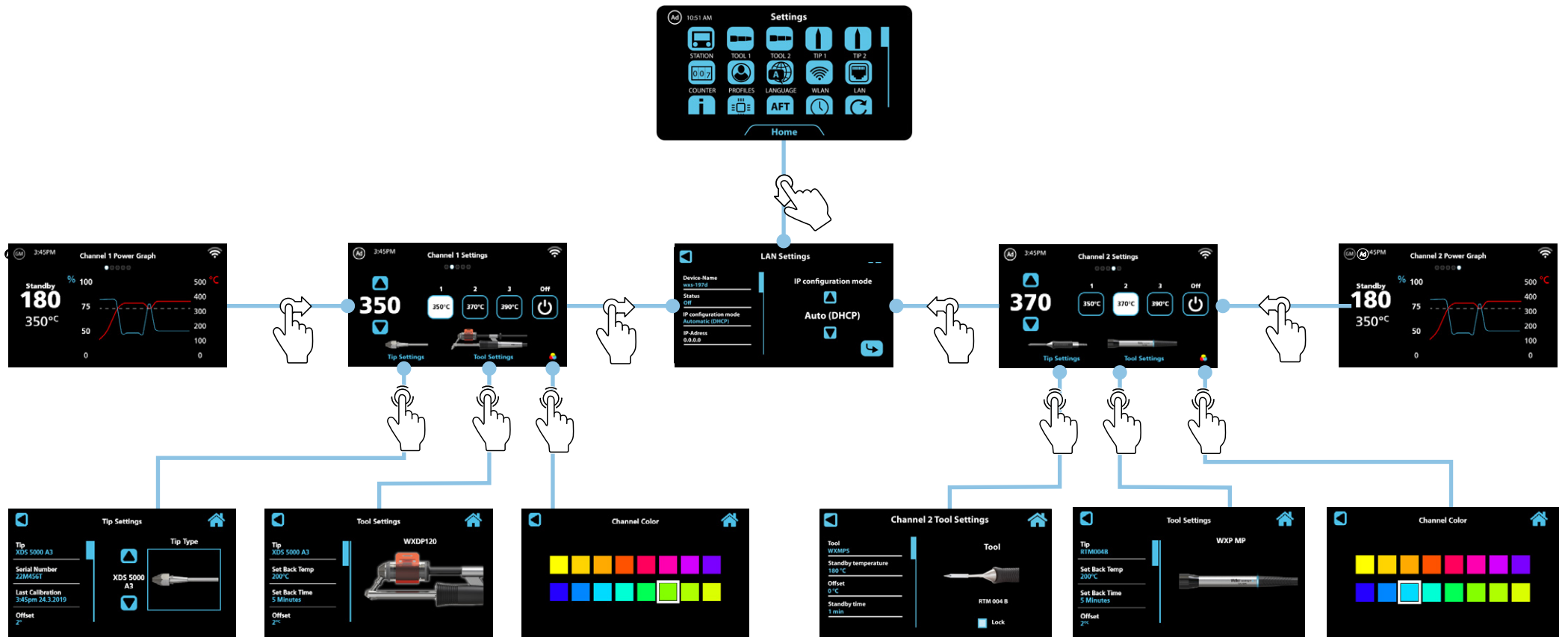
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<b>EN</b>	1. Main Menu	<b>11</b>
	Quickstart	<b>14</b>
	2. Tool Settings	<b>19</b>
	3. Settings	<b>31</b>
	4. Fume extraction	<b>46</b>
	5. WX Air Modul (Ventilation and hot air module)	<b>50</b>
	6. WCU Temperature measurement	<b>53</b>
	7. Preheating plates	<b>57</b>
	WXS Line Card	<b>61</b>

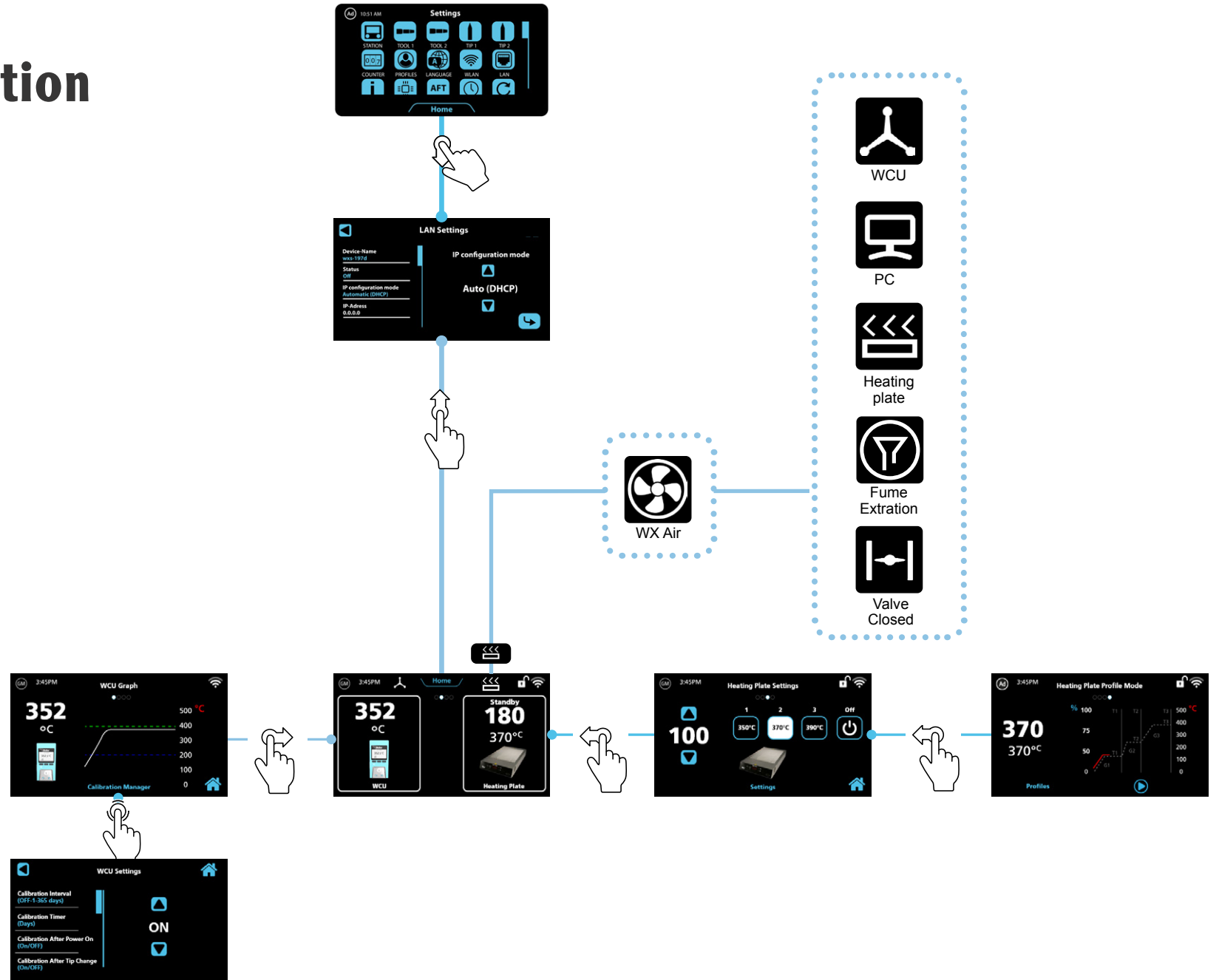
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# 1. Navigation



# 2. Navigation





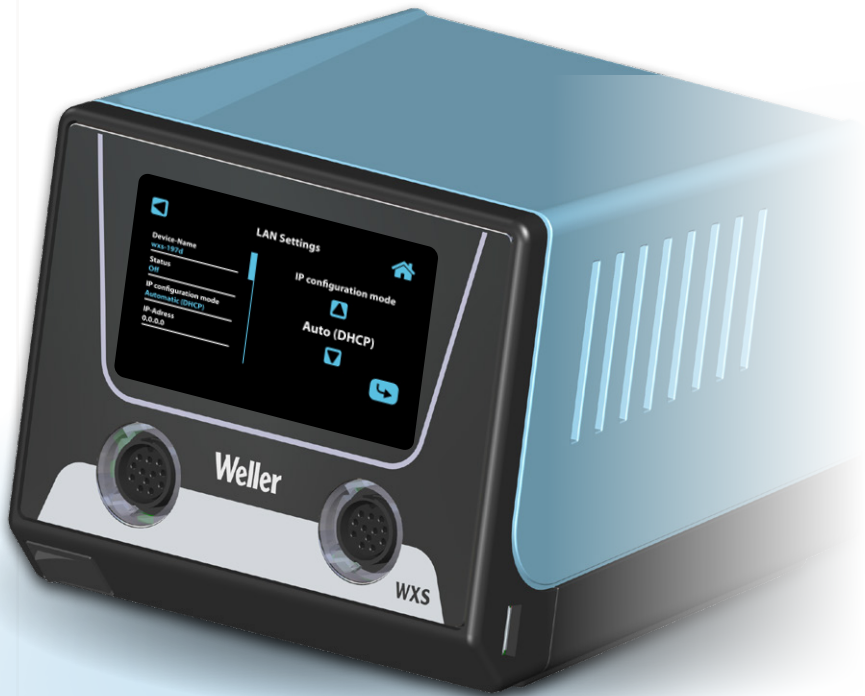


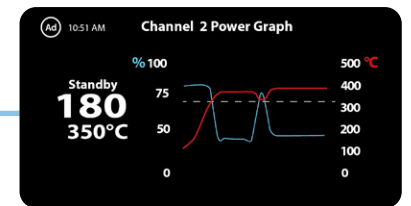
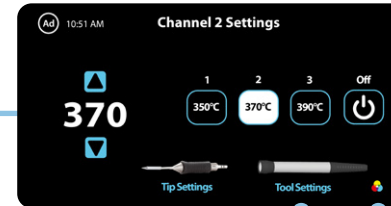
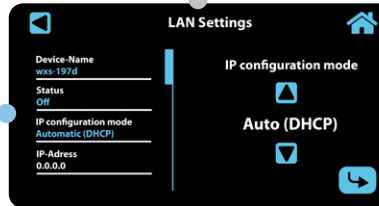
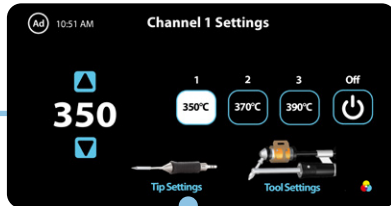
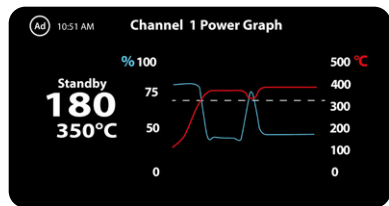
# 1. Hauptmenü

Station / LötKolben / Lötspitze

## Main menu

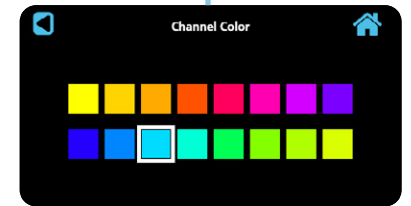
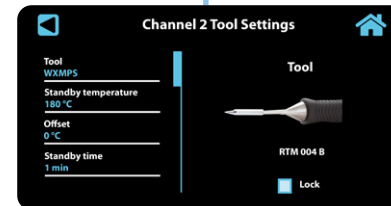
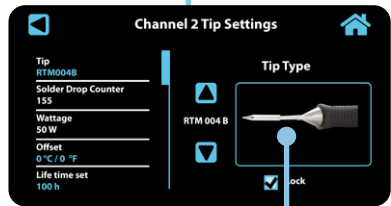
station / soldering iron / soldering tip





Tip Settings

Tip Settings



# 1

## Schnellstart Quickstart



3 sec



DE Sprache bestätigen  
GB Confirm language

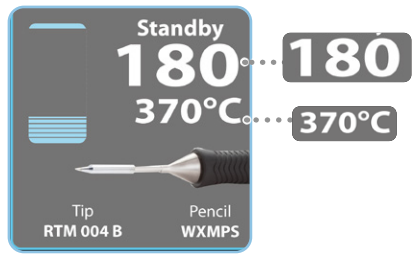
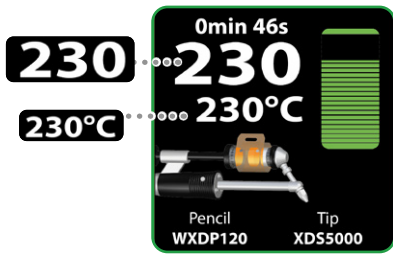




DE Werkzeug-Anzeige  
GB Tool display

DE Leistung  
GB Power





DE Aktives Werkzeug / Inaktives Werkzeug  
 GB Active tool / inactive tool

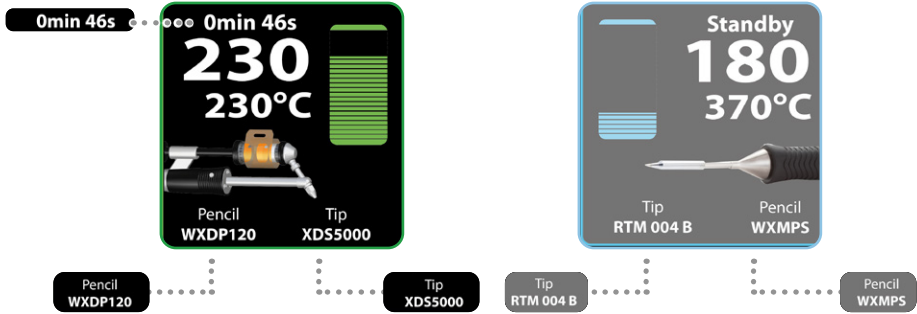


DE Aktuelle IST Temperatur  
 GB Current ACTUAL temperature



DE SOLL Temperatur  
 GB TARGET temperature

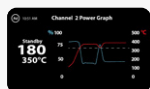
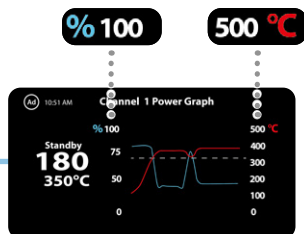
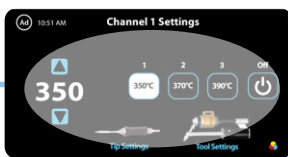
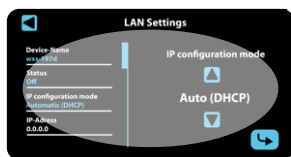




**0min 46s** DE Zeit - Werkzeug wechselt in Standby  
 GB Time - tool goes into standby

Pencil  
**WXDP120**  
 DE Angeschlossener LötKolben  
 GB Connected soldering iron  
 Pencil  
 WXMP5

Tip  
**XDS5000**  
 DE Verwendete Lötspitze  
 GB Soldering tip used  
 Tip  
 RTM 004 B



DE Leistungsanzeige - Kanal 1/2  
GB Power Graph - Channel 1/2

% 100 / 500 °C

DE Leistung / Temperatur - Kanal 1/2  
GB Power / temperature - Channel 1/2



# 2. Tool Settings

**LAN Settings**

Device-Name  
wss-197d

Status  
Off

IP configuration mode  
Automatic (DHCP)

IP-Address  
0.0.0.0

**IP configuration mode**

Auto (DHCP)



**Channel 2 Settings**

10:51 AM

370

1 350°C

2 370°C

3 390°C

Off

Tip Settings

Tool Settings



**Channel 2 Tool Settings**

Tool  
WXKMS

Standby temperature  
100 °C

Offset  
0 °C

Standby time  
1 min

Tool

RTM 004 B

Lock

**Channel 2 Tool Settings**

Prozess window

Performance mode

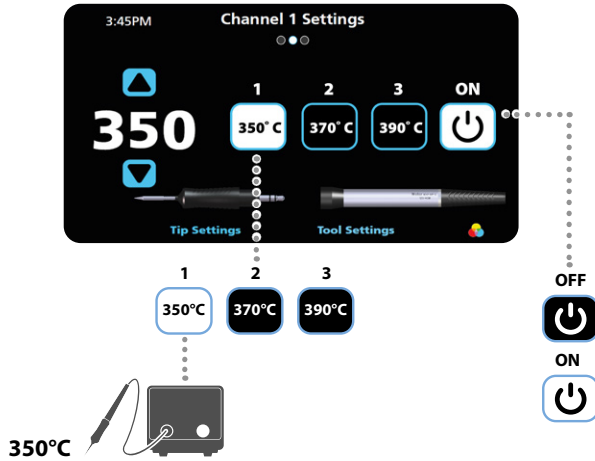
Monitor sensor

Serial number

Tool

RTM 004 B

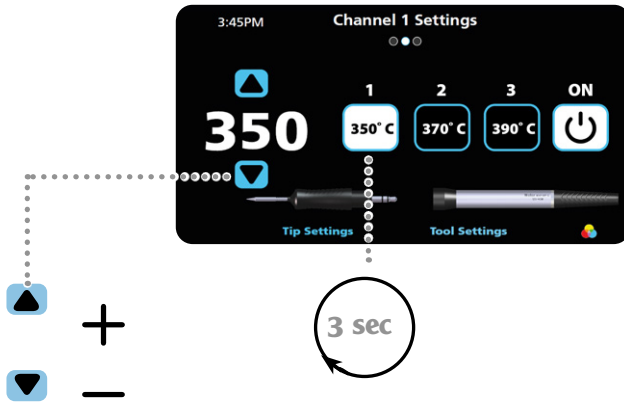
Lock



DE Temperatur ändern  
GB Temperature change



DE Voreingestellte Temperatur wählen  
GB Choose preset temperature

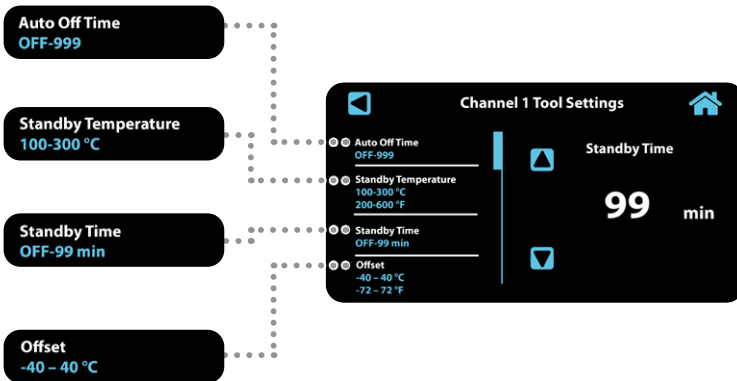


°C/°F

DE Temperatur ändern  
GB Temperature change



DE Festtemperatur wählen - Erst Temperatur einstellen, dann Kanal 3 Sek. lang bestätigen  
GB Select fixed temperature - Set temperature first, then confirm channel for 3 seconds



**Auto Off Time**

DE Automatische Zeitabschaltung  
GB Auto Off Time

**Standby Time**

DE Standby Zeit  
GB Standby Time

**Standby Temperatur**

DE Standby Temperatur  
GB Standby Temperature

**Offset**

DE Offset  
GB Offset



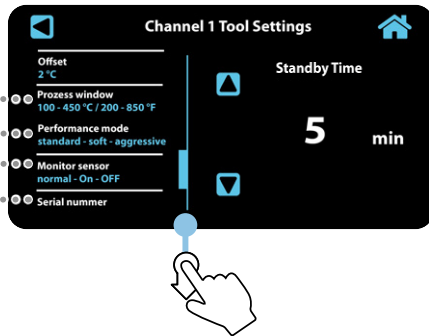


**Prozess window**  
100 - 450 °C / 200 - 850 °f

**Performance mode**  
standard - soft - aggressive

**Monitor sensor**  
normal - On - OFF

**Serial nummer**



**Prozess window**

DE Prozessfenster  
GB Prozess window

**Monitor sensor**

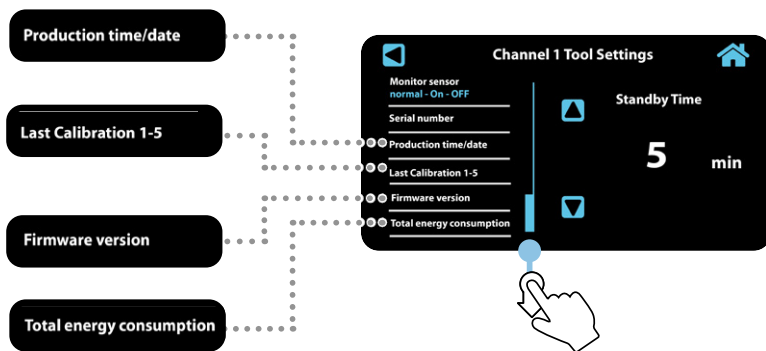
DE Monitor sensor  
GB Monitor sensor

**Performance mode**

DE Leistungsmodus  
GB Performance mode

**Serial nummer**

DE Seriennummer  
GB Serial number



**Production time/date**

DE Produktionszeit / Datum  
GB Production time / date

**Last Calibration 1-5**

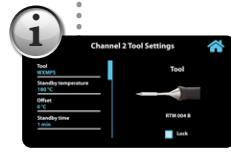
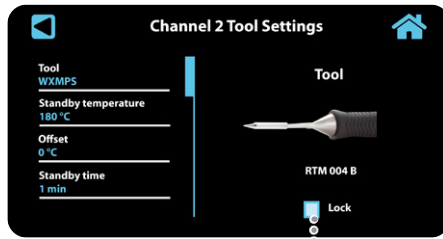
DE letzte Kalibrierung  
GB Last Calibration

**Firmware version**

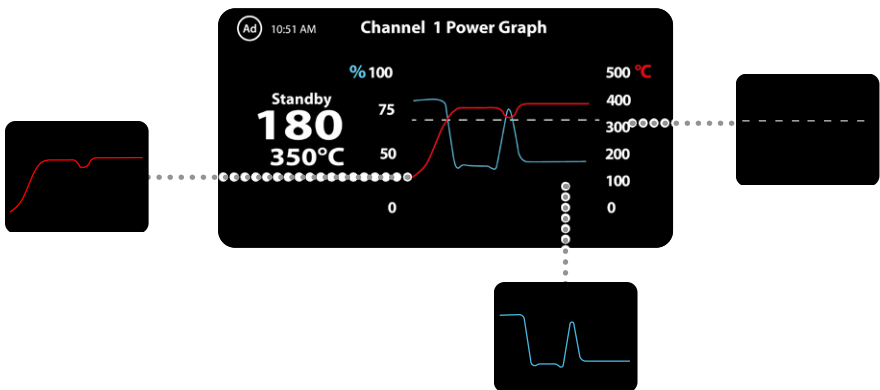
DE Firmware Version  
GB Firmware version

**Total energy consumption**

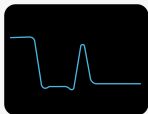
DE Energieverbrauch  
GB Total energy consumption



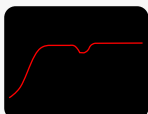
- DE Nur WXSmart LötKolben = Verriegelungsfunktion (LOCK)
- GB Only WXSmart soldering iron = locking function (LOCK)



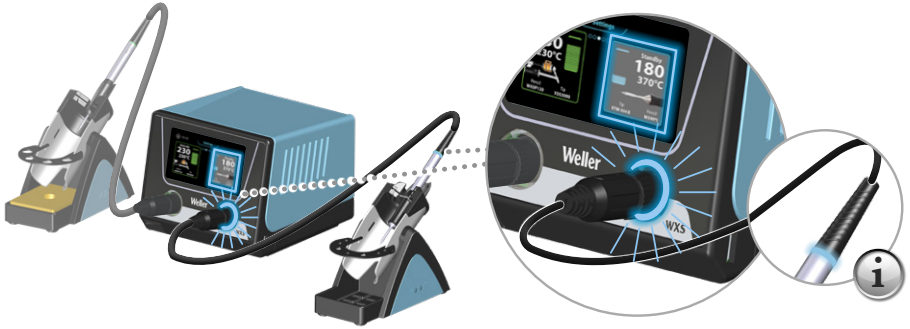
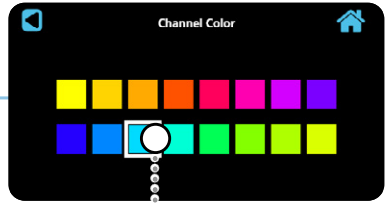
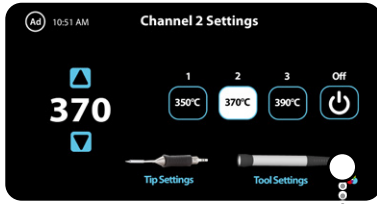
DE Soll Temperatur  
GB Target temperature



DE Leistung des LötKolbens in %  
GB Power of the soldering iron in %



DE IST Temperatur angeschlossenes Werkzeug  
GB IST Current temperature connected tool

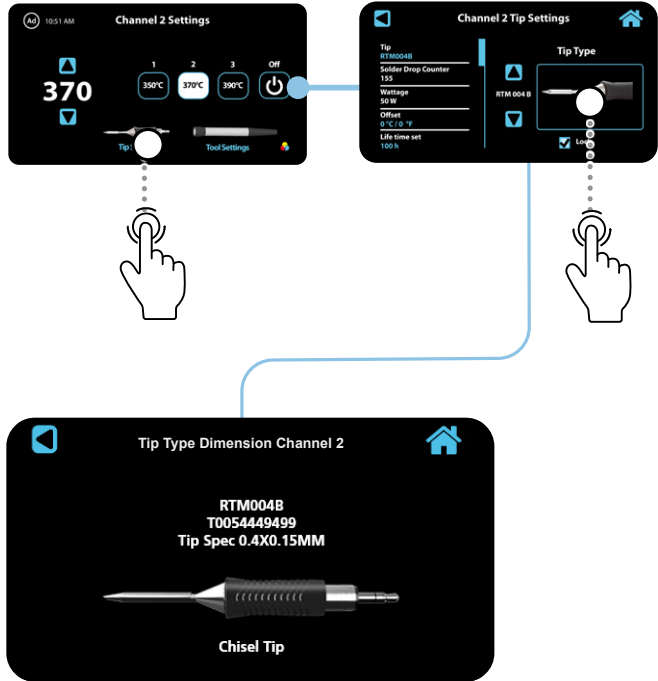


DE Einstellung: LötKolben (nur WX Smart LötKolben)  
 GB Setting: Soldering Iron (WX Smart Soldering Iron only)



DE Farbe einstellen  
 GB Set Color

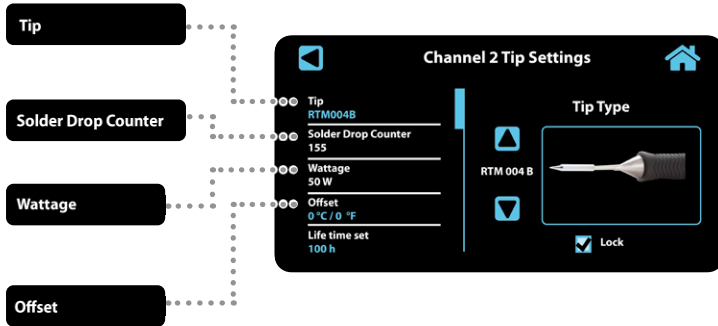




DE Einstellungen: Lötspitzen  
GB Settings: soldering tips



DE Details: Lötspitze  
GB Details: soldering tip



### Tip

DE Tip  
GB Tip Type

### Solder Drop Counter

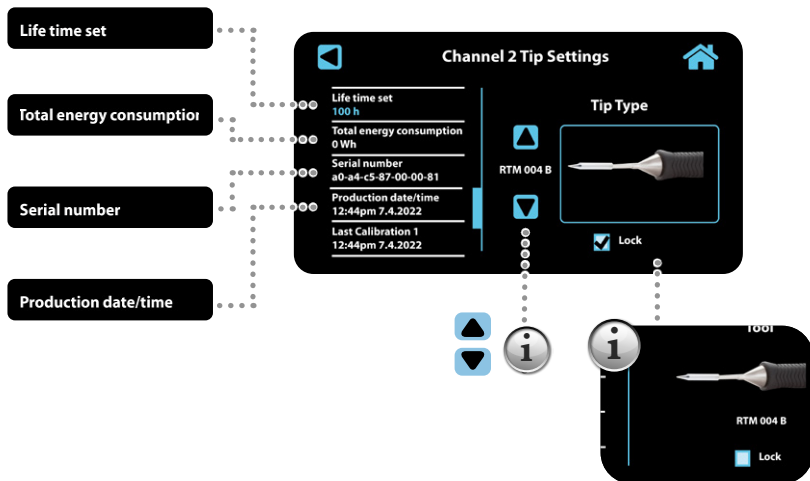
DE Lötstellenzähler  
GB Solder Drop Counter

### Wattage

DE Watt  
GB Wattage

### Offset

DE Offset  
GB Offset



**Total energy consumption**

DE Gesamter Energieverbrauch  
GB Total energy consumption

**Production date/time**

DE Produktionszeit / Datum  
GB Production time / date

**Serial number**

DE Seriennummer  
GB Serial number

**Life time set**

DE Vorgabe Haltbarkeit  
GB Life time set

**Lock**

DE Nur WXSmart LötKolben = Lötspitze verriegeln (LOCK)  
GB Only WXSmart soldering iron = lock soldering tip (LOCK)

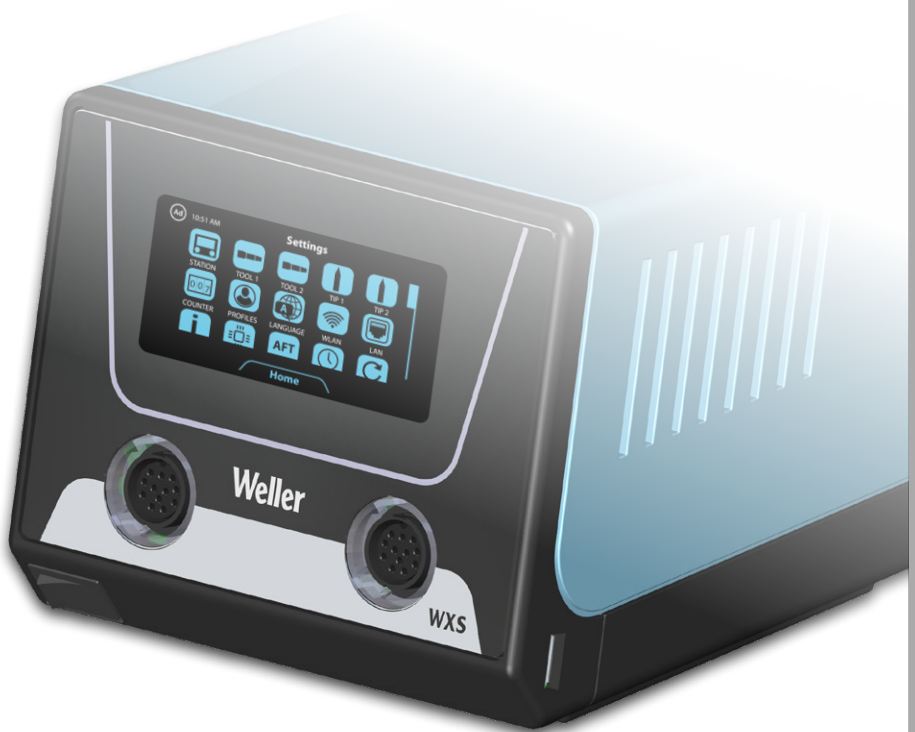


DE Lötspitzen ansehen  
GB View soldering tips



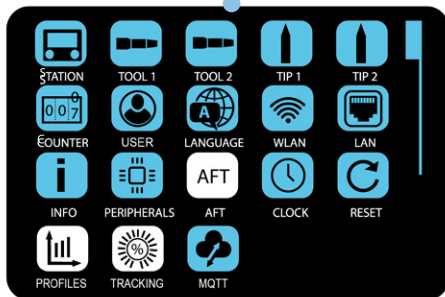
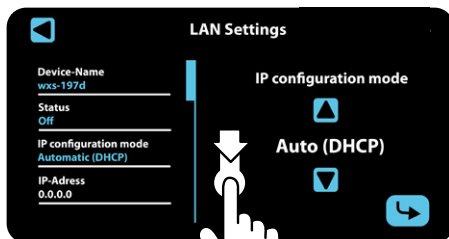


# 3. Einstellungen Settings





# 3.

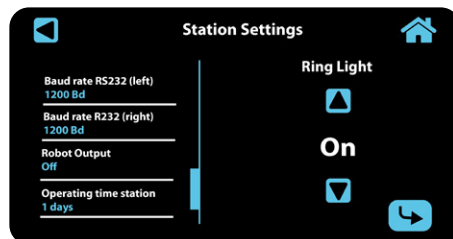
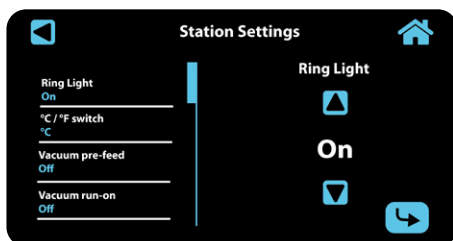


DE AFT, Profiles, Tracking: Verfügbar 2023  
GB AFT, Profiles, Tracking: available 2023

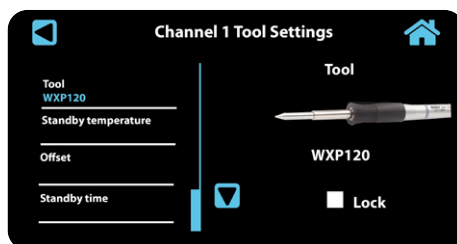




DE Einstellungen Station  
GB Station Setting



DE Kanal Werkzeugeinstellungen  
GB Channel Tool Settings



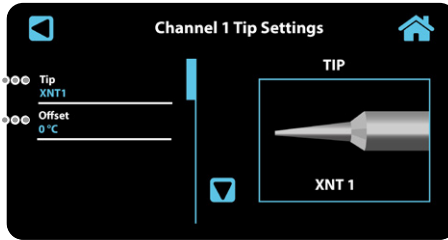


DE Kanal Lötspitzeneinstellungen  
GB Channel Tip Settings



Offset  
0 °C

Tip  
XNT1

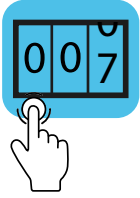


Offset  
0 °C

DE Offset  
GB Offset

Tip  
XNT1

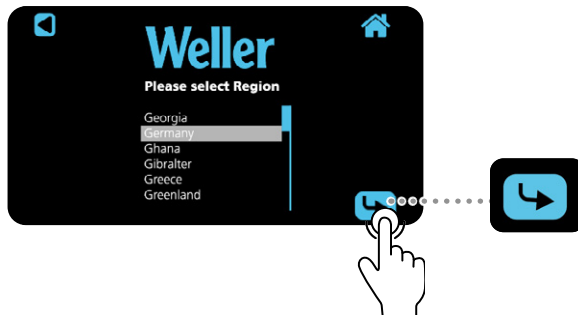
DE Auswahl Lötspitze  
GB Tip selection



DE Lötstellenzähler  
GB Counter

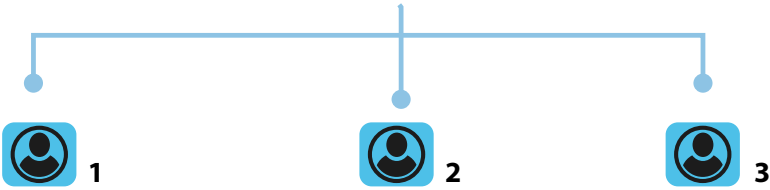


DE Einstellung Sprache  
GB Set language





DE Profile einstellen  
GB Set profilis



DE Standardeinstellung /  
Auslieferungszustand  
GB Standard setting / delivery state

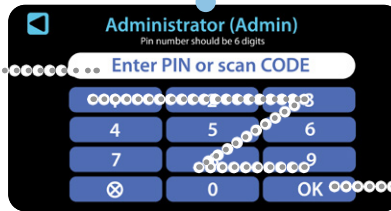
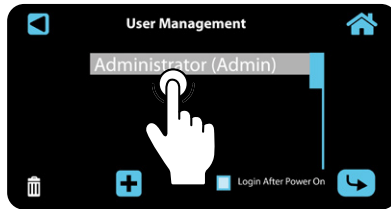
DE Neuen Benutzer anlegen  
GB Create new user

DE Neuen Benutzer anmelden  
GB Register new User



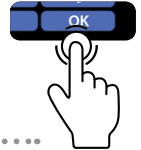
DE Standardeinstellung/Auslieferungszustand  
GB Standard setting / delivery state

1



Enter PIN or scan CODE

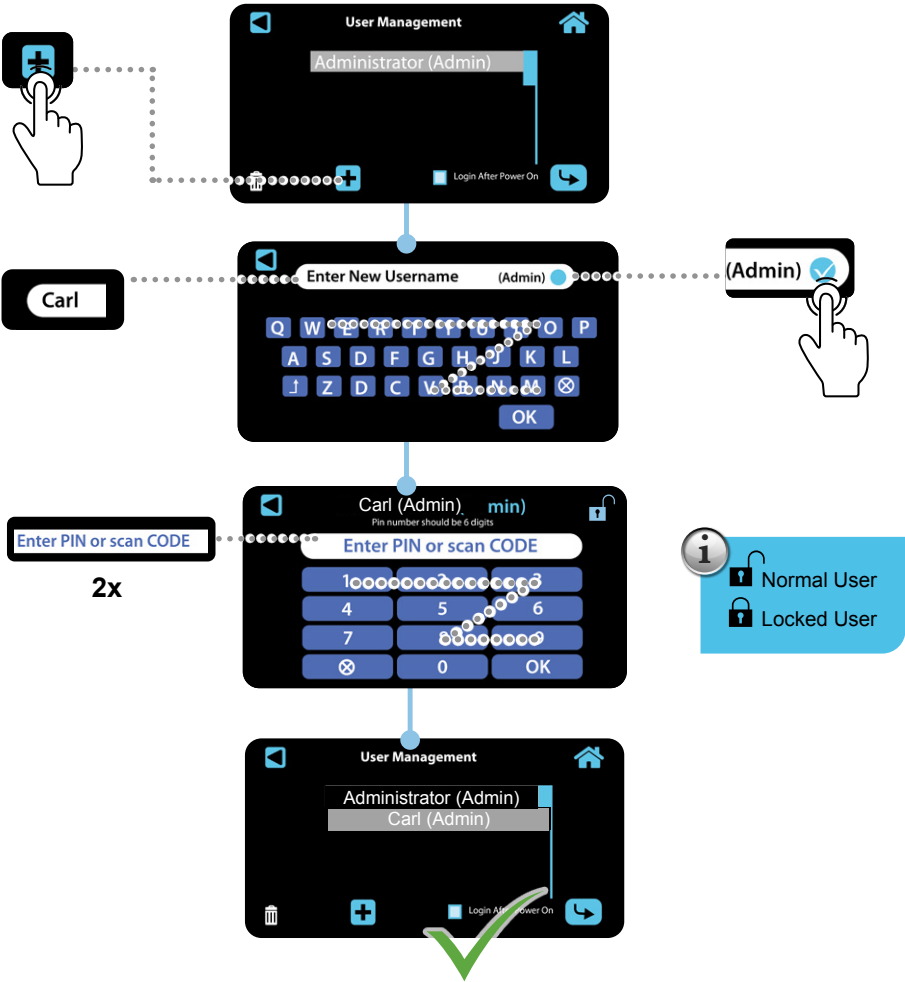
= 123456





2

DE Benutzer anlegen  
GB Create user

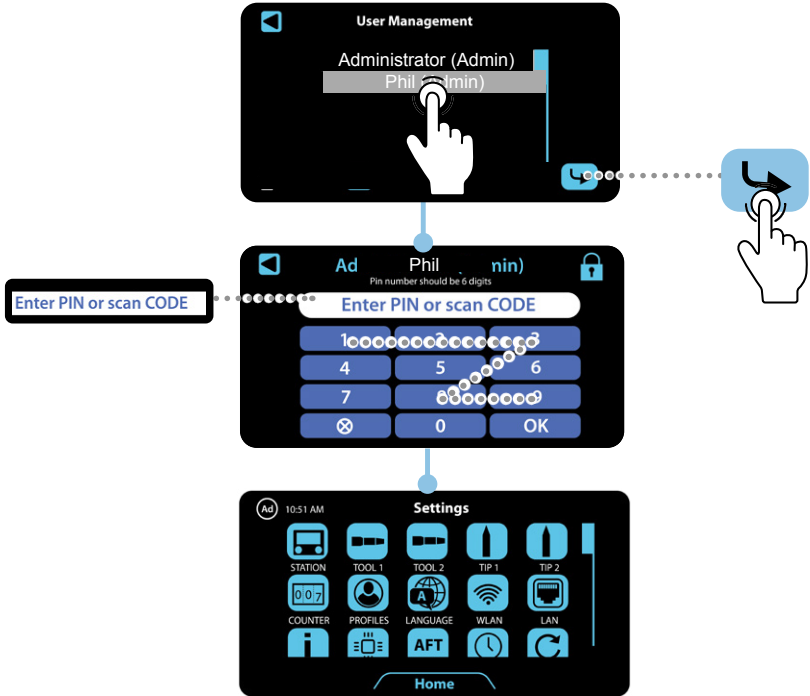






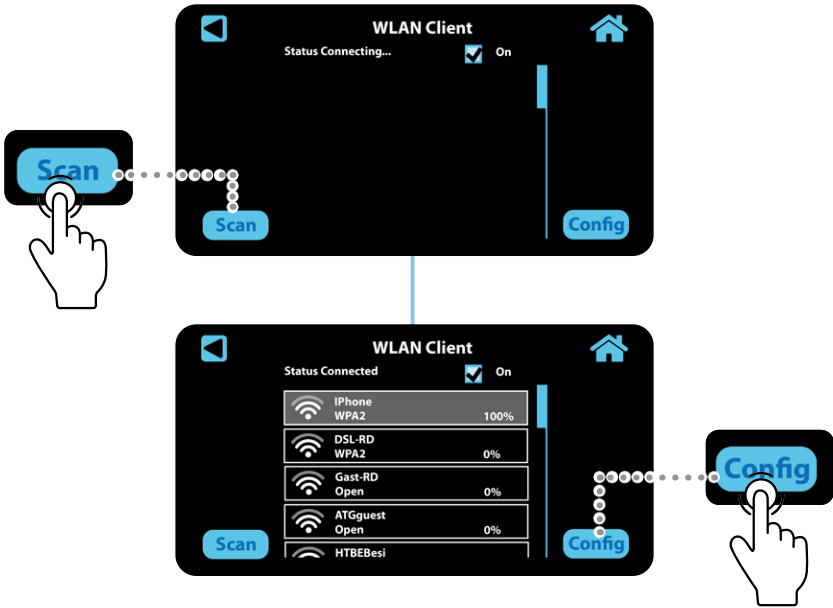
3

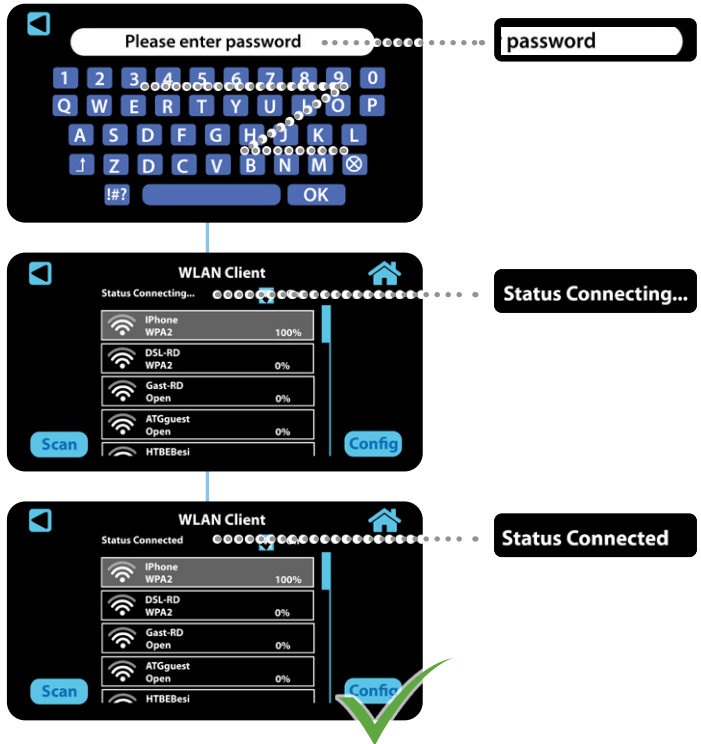
DE Neuen Benutzer anmelden  
GB Register new User





DE WLAN wählen  
GB WiFi selection

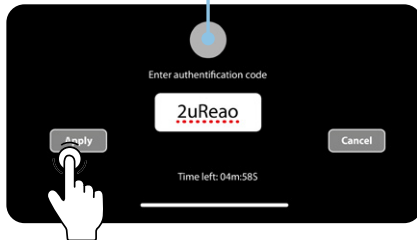
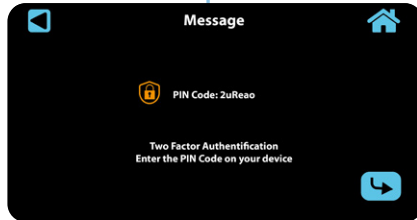


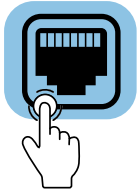


- DE Vor einer App-, oder Netzwerkverbindung, muss am Gerät ein 2 Faktoren Authentifizierungs-PIN Code eingegeben werden. Dieser Code erscheint auf dem Bildschirm und muss erneut in das Gerät eingegeben werden.
- GB Before an app or network communication starts a 2FA code/pin has to be entered on the connection device. This code will be sent from the device - will be shown in a message screen - and has to be reentered on the device.

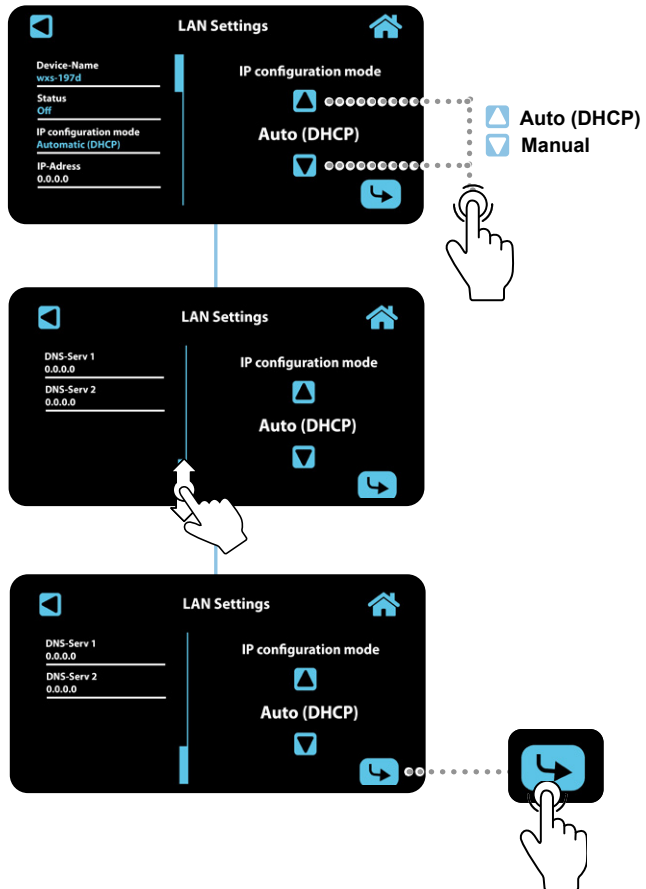


DE 2FA Authentifizierung zur Verbindung mit Weller App  
GB 2FA authentication for connection with Weller App.



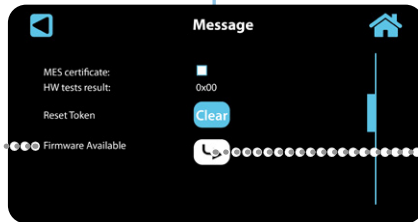
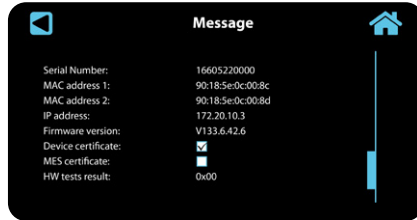


DE Zwischen Automatischem und Manuellem Modus wechseln  
GB Switch between automatic and manual mode





DE Rücksetzen der 2FA Authentifizierung  
GB Reset 2FA authentication



Firmware Available

Firmware Available

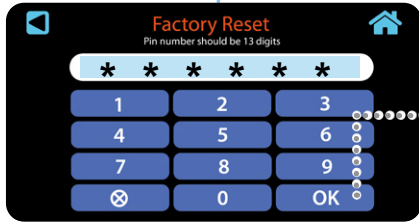
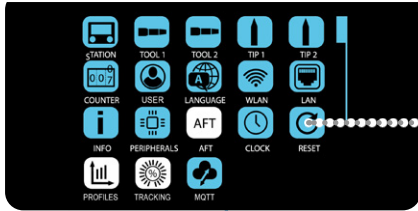


DE Button wird blau wenn USB-Stick mit gültigen Firmenware update file eingesteckt ist -> Bestätigungen um Update durchzuführen

GB Button turns blue when USB stick with valid firmware update file is inserted -> Confirmations to perform update

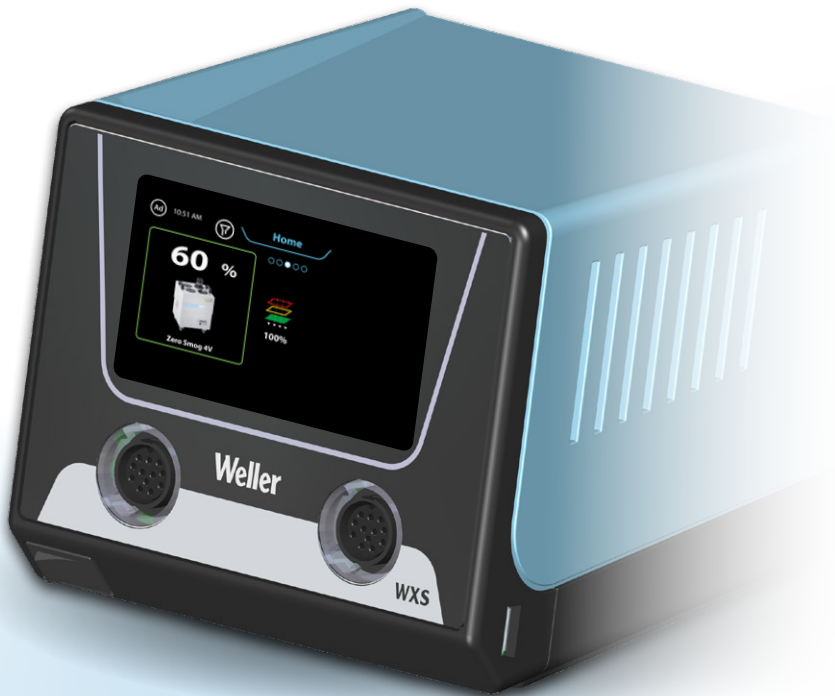


DE Auf Werkseinstellungen zurücksetzen  
GB Factory Reset

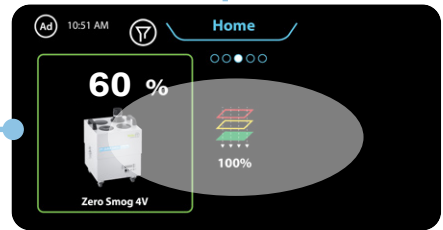
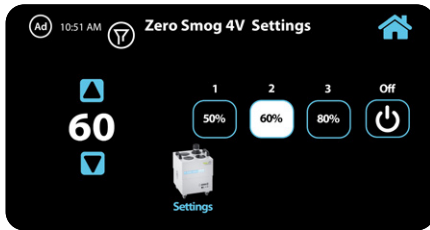
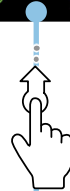
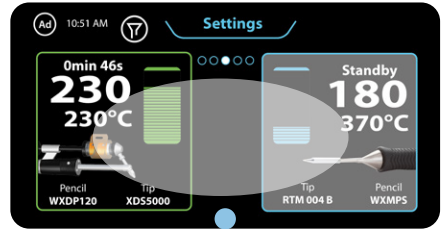


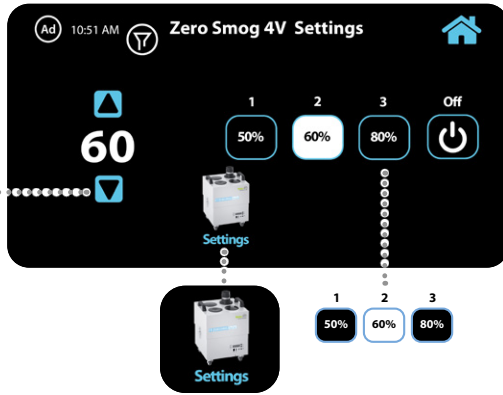


## 4. Lötrauchabsaugung Fume extraction





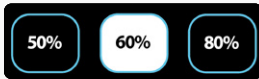




DE Löt Rauchabsaugung  
GB Fume Extraction



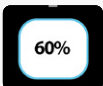
DE Eingestellte Absaugleistung  
GB Set suction power



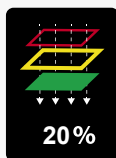
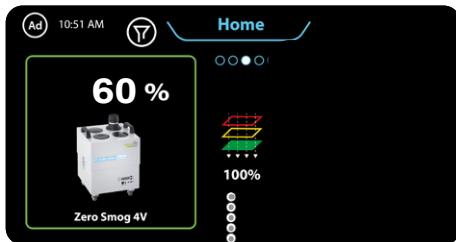
DE voreingestellte Absaugleistungen  
(3 Pre-Set Auswahlflächen)  
GB Pre-set suction power (3 Pre-set selection areas)



DE Einstellung der Absaugleistung  
GB Setting the suction power



DE **Voreingestellte Leistung ändern:**  
Zuerst die Leistung einstellen, dann eine der 3  
Pre-Set Auswahlflächen 3 Sekunden gedrückt halten.  
Dann ist die Einstellung getätigt.  
GB **Change preset power:**  
If the power set then press and hold one of the 3  
pre-set selection buttons for 3 seconds. Then the  
setting is made.



DE Filter grün 20 % - Einsatzbereit  
GB Filter green 20 % - Ready for use



DE Filter gelb 80 % - Vorfilter wechseln  
GB Filter yellow 80 % - Prefilter change



DE Alle Filter ausgefüllt 100 % -  
Austausch des Hauptfilters  
GB All filters filled 100 % -  
Main filter replacement

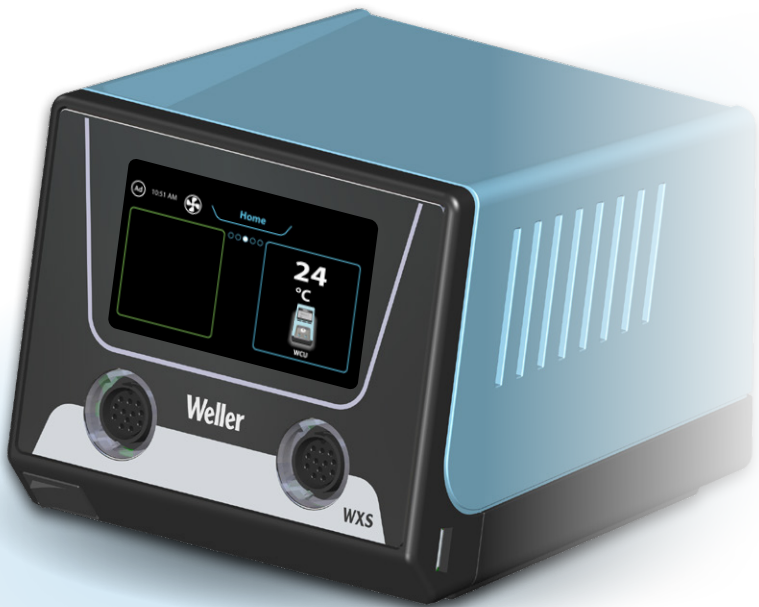


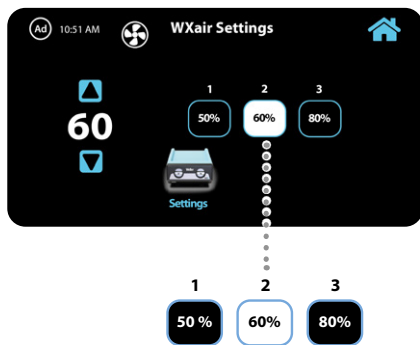
# 5. WX Air Modul

(Ent- und Heißluftmodul)

# WX Air Modul

(Ventilation and hot air module)

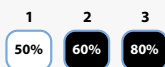
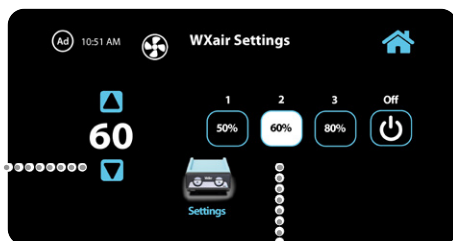




DE Einstellungen: Ent- und Heißluftmodul  
GB Settings: ventilation and hot air module



DE Gewünschte Leistung wählen (nur für Heißluftkolben)  
GB Select the desired output (only for hot air pencils)



DE Voreingestellte Heißluftmenge ändern - Zuerst die Heißluftmenge ändern, dann die entsprechende Auswahlfäche 3 Sekunden gedrückt halten.

GB Change preset amount of hot air - If the hot air quantity change, then press and hold the corresponding selection button for 3 seconds.



DE Heißluftmenge einstellen  
GB Set the amount of hot air

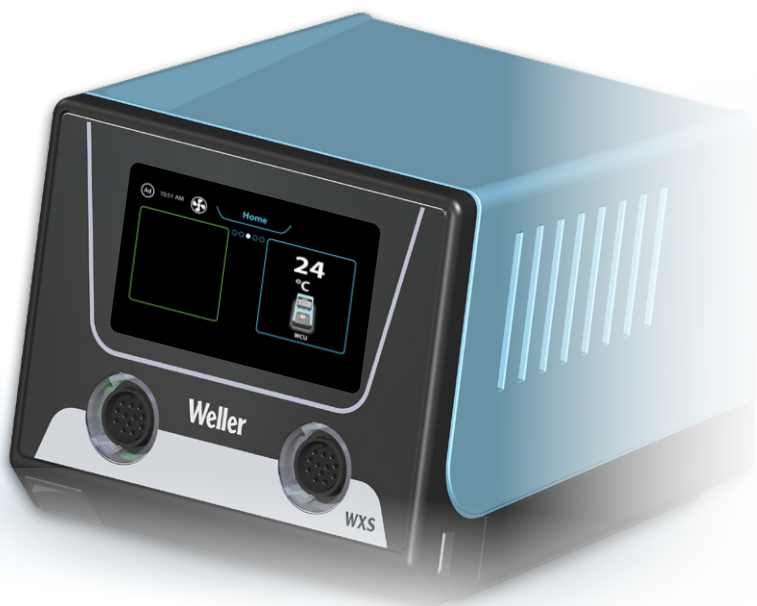
10-100 %

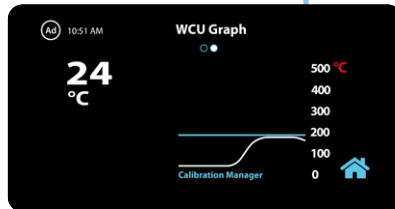
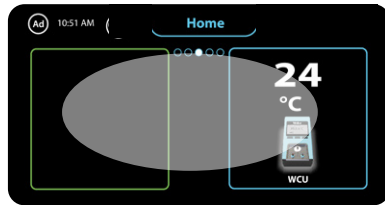
# 6. WCU

Temperaturmessgerät

## WCU

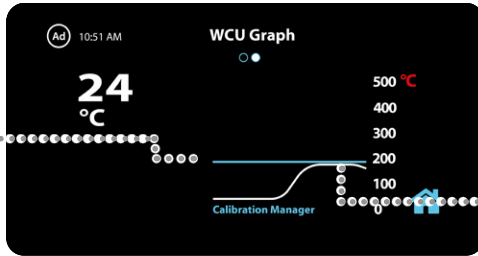
Temperature measurement





DE Einstellung: Temperaturmessgerät  
GB Setting: Temperature measurement





DE Messwert Temperaturmessgerät  
GB Measured value temperature measurement



DE SOLL Temperatur (blau)  
GB TARGET temperature (blue)



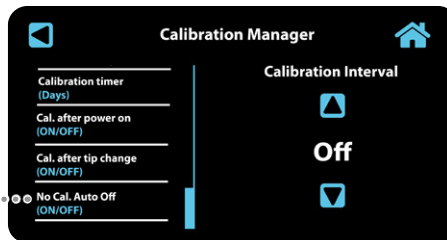
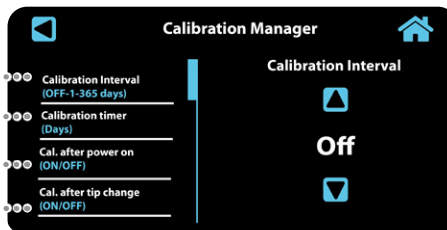
**Calibration Interval**  
(OFF-1-365 days)

**Calibration timer**  
(Days)

**Cal. after power on**  
(ON/OFF)

**Cal. after tip change**  
(ON/OFF)

**No Cal. Auto Off**  
(ON/OFF)



**Calibration Interval**  
(OFF-1-365 days)

DE Einstellung Kalibrierungsintervall.  
GB Calibration interval setting

**Cal. after power on**  
(ON/OFF)

DE Einstellung: Kalibrierung nach dem Einschalten  
GB Setting: Calibration after power on

**Calibration timer**  
(Days)

DE Kalibrierungs-Timer  
GB Calibration Timer

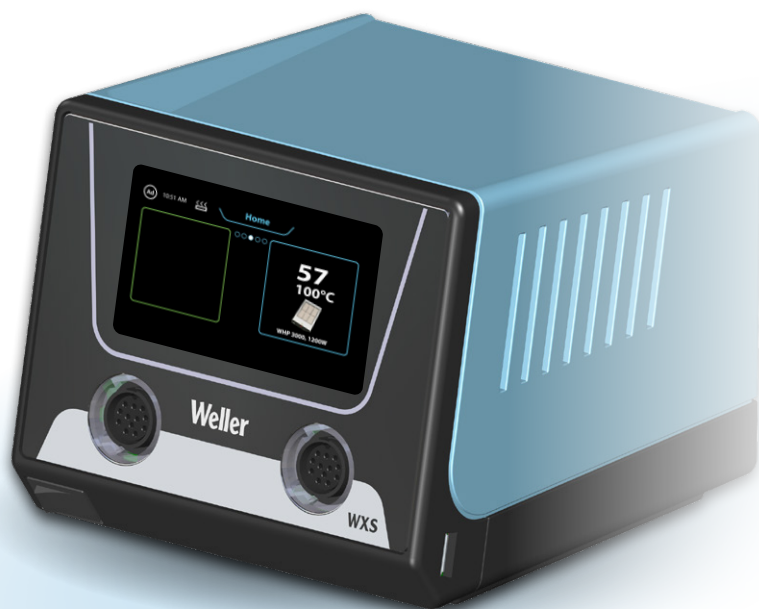
**Cal. after tip change**  
(ON/OFF)

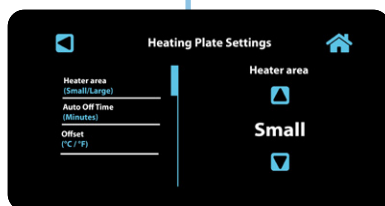
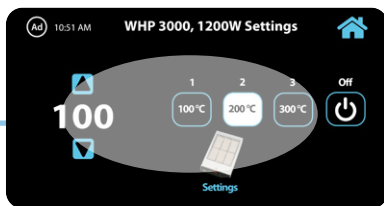
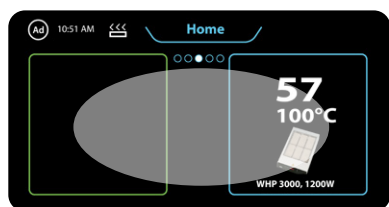
DE Einstellung: Kalibrierung bei Lötspitzenwechsel.  
GB Setting: Calibration when changing soldering tips.

**No Cal. Auto Off**  
(ON/OFF)

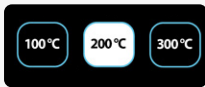
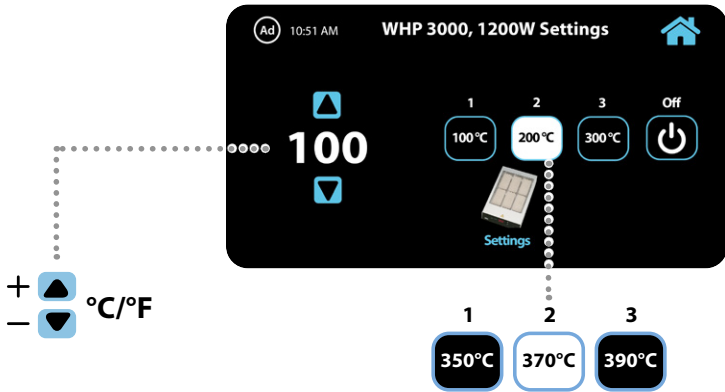
DE Einstellung: Anzahl der Kalibrierungen vor der automatischen Abschaltung  
GB Setting: number of Calibrations before Auto Off

# 7. Vorheizplatten Preheating plates





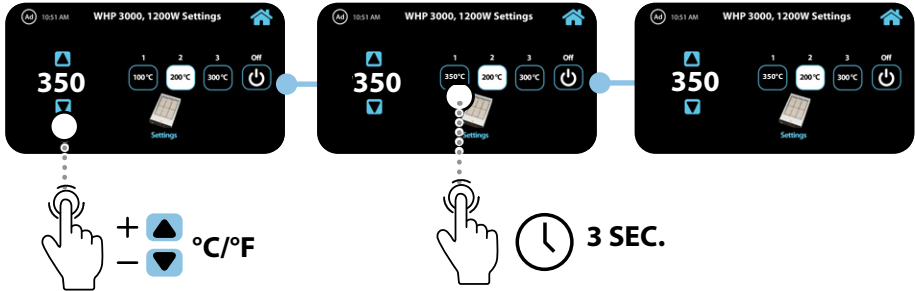
DE Einstellung: Vorheizplatte  
 GB Setting: preheating plate



DE SOLL Temperatur  
GB Target temperature

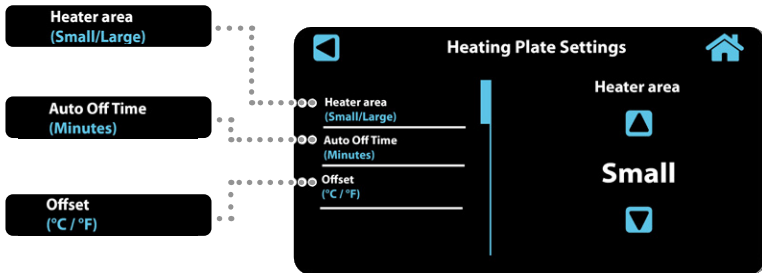


DE Temperatur einstellen  
GB Set temperature



**DE** Voreingestellte Temperatur ändern:  
Zuerst die Leistung einstellen, dann eine der 3 Pre-Set Auswahlflächen 3 Sekunden gedrückt halten. Dann ist die Einstellung getätigt.

**GB** Change preset temperature:  
If the power set then press and hold one of the 3 pre-set selection buttons for 3 seconds. Then the setting is made.



**Heater area  
(Small/Large)**

DE Heizflächenbereich  
GB Heater area

**Auto Off Time  
(Minutes)**









DE Automatische Zeitab-  
schaltung  
GB Auto Off Time

**Offset  
(°C / °F)**




DE Offset  
GB Offset

## WXS Line Card

## SOLDERING IRONS WITH SOLDERING TIPS

<b>WXP 65, T0052921199N</b>	<b>65 W 24 V</b> - SOLDERING IRON WITH POWER-RESPONSE HEATING TECHNOLOGY For small and medium components with average energy demand.		XNT
<b>WXP 80, T0052920999N</b>	<b>80 W 24 V</b> - SOLDERING IRON WITH SILVER LINE HEATING TECHNOLOGY For medium components with high energy demand.		LT
<b>WXP 90, T0052922599N</b>	<b>90 W 24 V</b> - HYBRID SOLDERING IRON WITH POWER RESPONSE HEATING TECHNOLOGY For small and medium components with high energy demand.		XNT
<b>WXP 120, T0052920299N</b>	<b>120 W 24 V</b> - SOLDERING IRON WITH POWER RESPONSE HEATING TECHNOLOGY For small and large components (High Mass) with high energy demand.		XT
<b>WXP 200, T0052920699N</b>	<b>200 W 24 V</b> - SOLDERING IRON WITH POWER RESPONSE HEATING TECHNOLOGY For very large components (Shielding) with high/ medium energy demand.		XHT
<b>WXPP, T0052922699</b> <b>WXPP MS (MIL SPEC)</b> <b>T0052923299</b>	<b>40 W, 12 V</b> - PICO SOLDERING IRON WITH ACTIVE HEATING TECHNOLOGY For very small and small components and miniature works under a microscope with high energy demand. MS version according to Military Standard.		RTP RTP MS
<b>WXMP T0052920499N</b> <b>WXMP MS (MIL SPEC)</b> <b>T0052921799N</b>	<b>40 W, 12 V</b> - MICRO SOLDERING IRON WITH ACTIVE HEATING TECHNOLOGY. 40 W, 12 V For medium to large components with high energy demand. MS version according to Military Standard		RTM RTM MS
<b>WXMPS MS (MIL SPEC)</b> <b>T0052923699</b>	<b>40 W, 12 V</b> - COMBINED PICO & MICRO SOLDERING IRON WITH SMART TIP (INTEGRATED CHIP) WITH ACTIVE HEATING TECHNOLOGY Perfect for Pico, Micro and Standard Soldering Applications (XS to L Component Sizes). According to military standard		RTMS



<p><b>WXUP MS (MIL SPEC) T0052923399</b></p>	<p><b>150 W, 24 V</b> - ULTRA SOLDERING IRON WITH ACTIVE HEATING TECHNOLOGY For heavy-duty soldering applications and largest components (XL to XXL Component Sizes). According to military standard.</p>		<p>RTU MS</p>
<p><b>WXUPS MS (ML SPEC) T0052923599</b></p>	<p><b>150 W, 24 V</b> - ULTRA SOLDERING IRON WITH SMART TIP (INTEGRATED CHIP) WITH ACTIVE HEATING TECHNOLOGY For heavy-duty soldering applications and largest components. Component size XL to XXL. According to military standard.</p>		<p>RTUS MS</p>
<p><b>WXMT, T0051317899N WXMT MS (MIL SPEC), T0051320899</b></p>	<p><b>2 X 40 W</b> - MICRO DESOLDERING TWEEZERS WITH ACTIVE HEATING TECHNOLOGY. For soldering and desoldering. MS version according to Military Standard.</p>		<p>RTW RTW MS</p>

**SOLDERING IRONS TO BE USED IN COMBINATION WITH WXair**

<p><b>WXDP 120, T0051320299N</b></p>	<p><b>120 W 24 V</b> - DESOLDERING IRON FOR HORIZONTAL USE WITH DESOLDERING NOZZLE</p>		<p>XDS, XDSDL</p>
<p><b>WXDV 120, T0051320599N</b></p>	<p><b>120 W 24 V</b> - DESOLDERING IRON FOR VERTICAL USE WITH DESOLDERING NOZZLE</p>		<p>XDS, XDSDL</p>
<p><b>WXHAP 200, T0052712099N</b></p>	<p><b>200 W, 24 V</b> - HOT AIR IRON WITH HOT AIR NOZZLE</p>		<p>FD/R/D/Q</p>



**ACCESSOIRES**

<p><b>WCU, T0053450199</b></p>	<p>TEMPERATURE MEASURING DEVICE AND AUTO CALIBRATION UNIT</p>	
<p><b>WXHP 120, T0052702999N</b></p>	<p>120 W PREHEATING PLATE</p>	
<p><b>WHP 1000, T0053364899N (EMEA), WHP1000N (US)</b></p>	<p>1000 W PREHEATING PLATE</p>	
<p><b>WHP 3000 600 W T0053338699 (EMEA) WHP3000N (US)</b></p>	<p>600 W PREHEATING PLATE</p>	
<p><b>WHP 3000 (1200 W) T0053364699N (EMEA)</b></p>	<p>1200 W PREHEATING PLATE</p>	
<p><b>WXSB 200, T0052704399N</b></p>	<p>200 W SOLDER BATH</p>	
<p><b>WXSf 120, T0051391199</b></p>	<p>FLOWIN SMART SOLDER FEEDER SYSTEM</p>	

**FILTRATION SYSTEMS**

<p><b>ZERO SMOG 4V, T0053662699N (EMEA), T0053662299N (US)</b></p>	<p>VOLUME EXTRACTION UNIT FOR 4 WORKPLACES - ESD-SAFE</p>	
<p><b>ZERO SMOG 6V, T0053666699N (EMEA), T0053666299N (US)</b></p>	<p>VOLUME EXTRACTION UNIT FOR 6 WORKPLACES - ESD-SAFE</p>	
<p><b>WFV 60 A AUTOMA- TIC STOP VALVE, T0058762746N</b></p>	<p>WX SOLDERING STATION CONTROLLED AUTOMA- TIC STOP VALVE</p>	
<p><b>ZERO SMOG 20T, T0053670699N (EMEA)</b></p>	<p>TIP EXTRACTION UNIT FOR 20 WORKPLACES - ESD-SAFE</p>	

# Product Registration

Produkt-Registrierung - Enregistrement produit - Registro de producto - 尊敬的客户您好



[www.weller-tools.com/registration](http://www.weller-tools.com/registration)



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