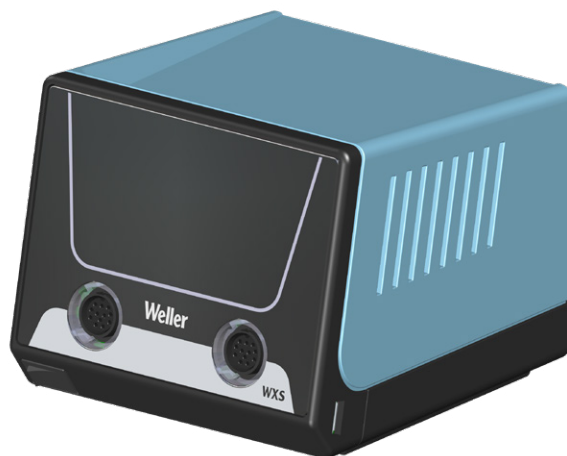


Weller®

WXsmart

WXsmart menu



DE Originalbetriebsanleitung

GB Translation of the original instructions



www.weller-tools.com



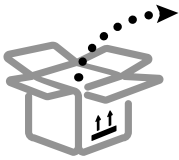
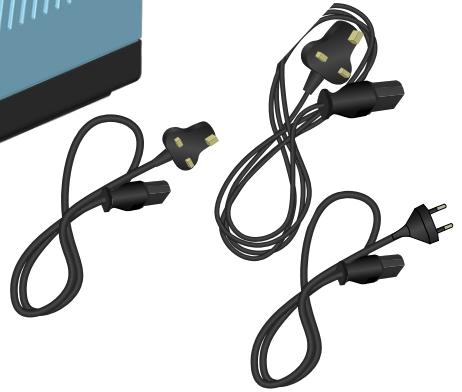
VIDEO



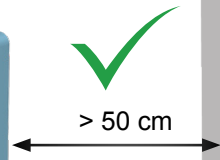
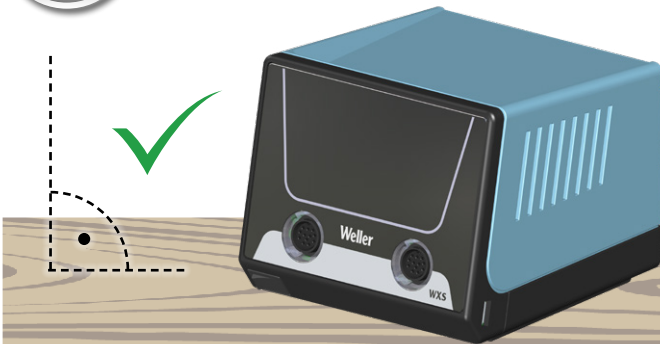
FAQ



1



2



3



USB



RS232

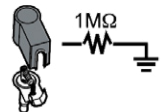
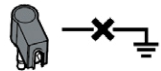
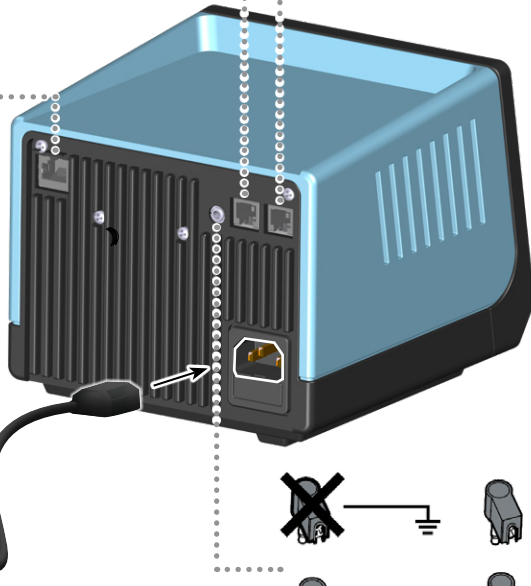


LAN

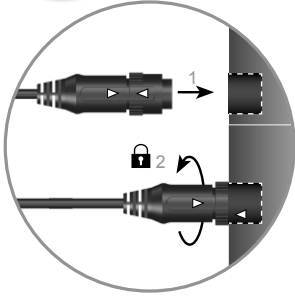
110 - 120 V



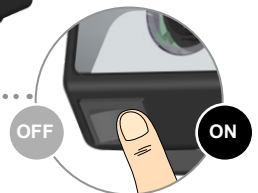
230 V



4



5



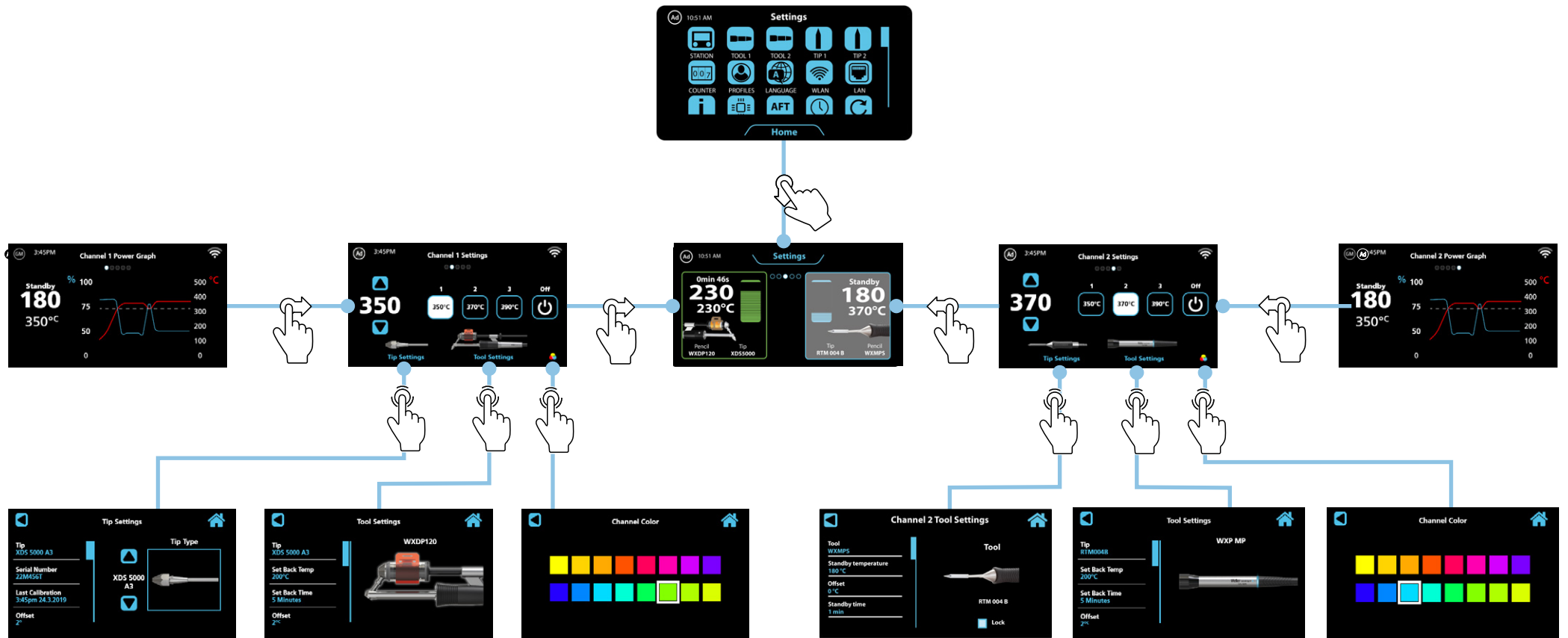
Content

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

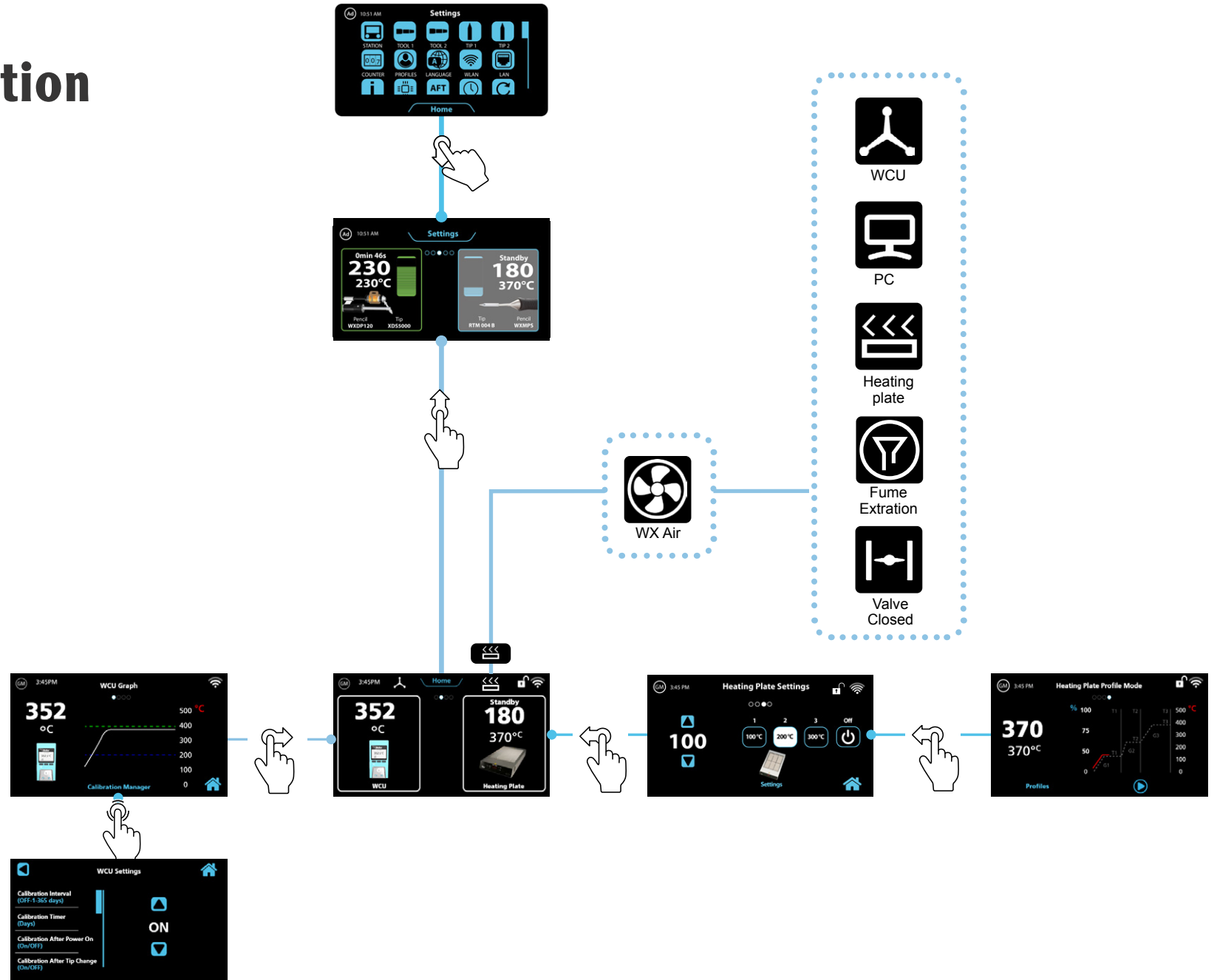
EN	1. Main Menu	11
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	5. WX Air Modul (Ventilation and hot air module)	50
	6. WCU Temperature measurement	53
	7. Preheating plates	57
	WXS Line Card	61



1. Navigation



2. Navigation





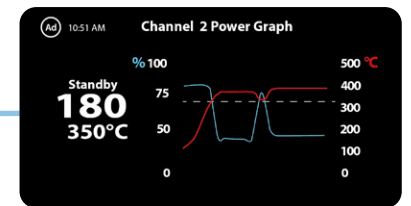
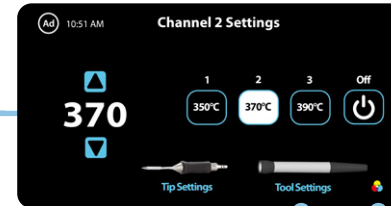
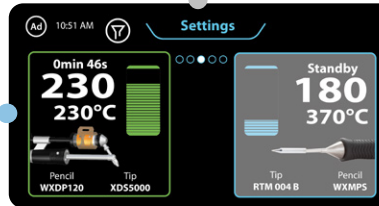
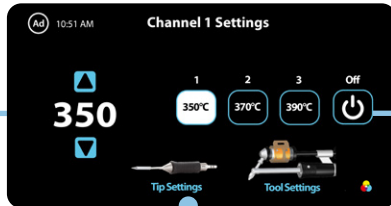
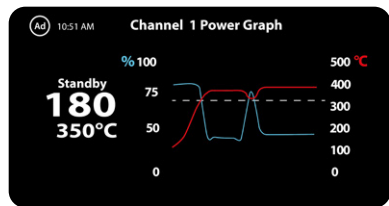
1. Hauptmenü

Station / LötKolben / Lötspitze

Main menu

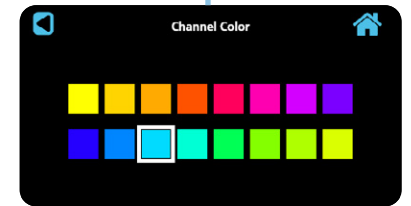
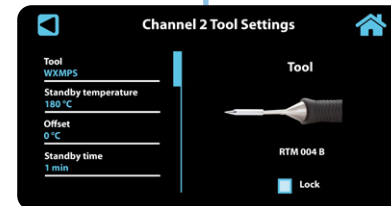
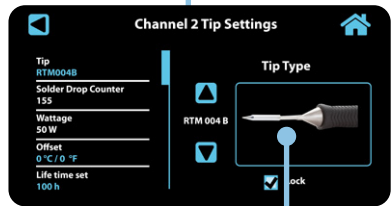
station / soldering iron / soldering tip





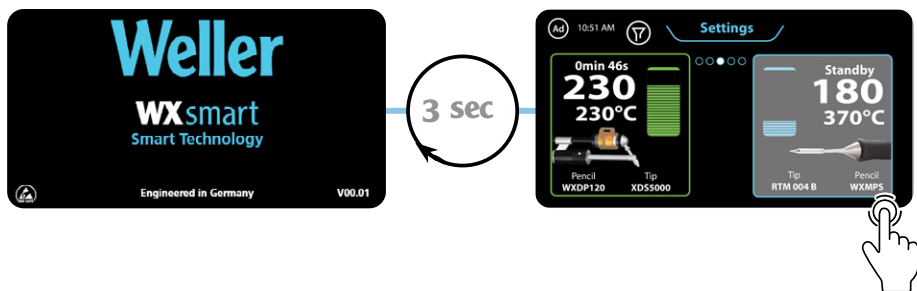
Tip Settings

Tip Settings

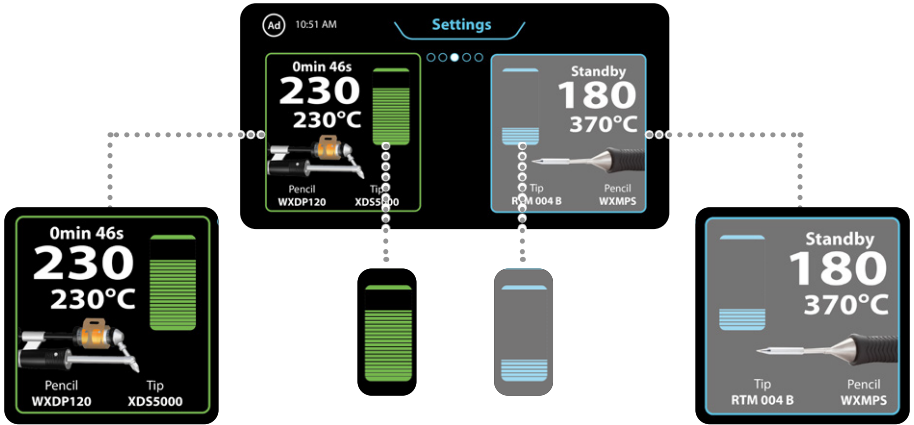


1

Schnellstart Quickstart



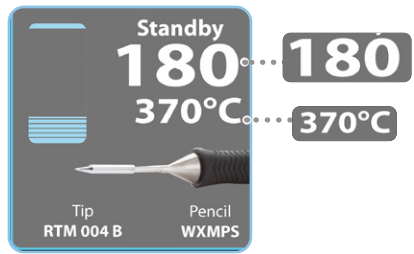
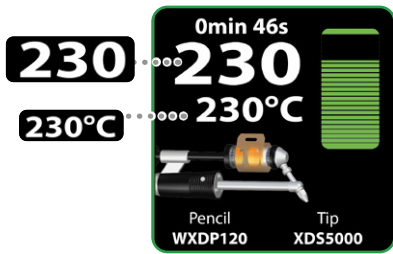
DE Sprache bestätigen
GB Confirm language



DE Werkzeug-Anzeige
GB Tool display



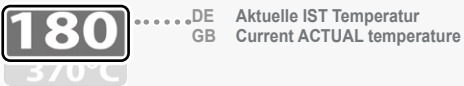
DE Leistung
GB Power

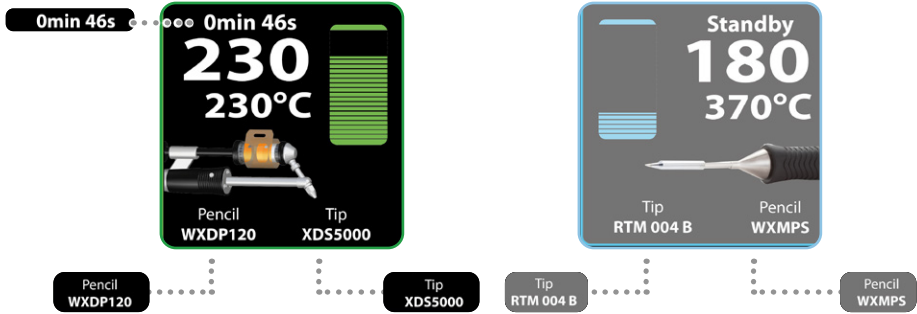


DE Aktives Werkzeug
GB Active tool



DE Inaktives Werkzeug
GB Inactive tool





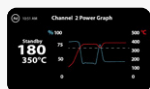
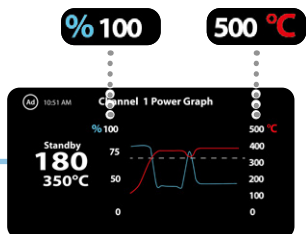
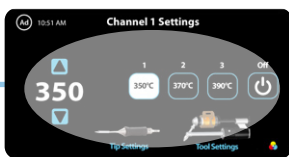
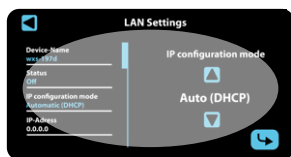
0min 46s DE Zeit - Werkzeug wechselt in Standby
 GB Time - tool goes into standby

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

Pencil **WXMPS**

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. Werkzeugeinstellungen Tool Settings

LAN Settings

Device-Name
wxs-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

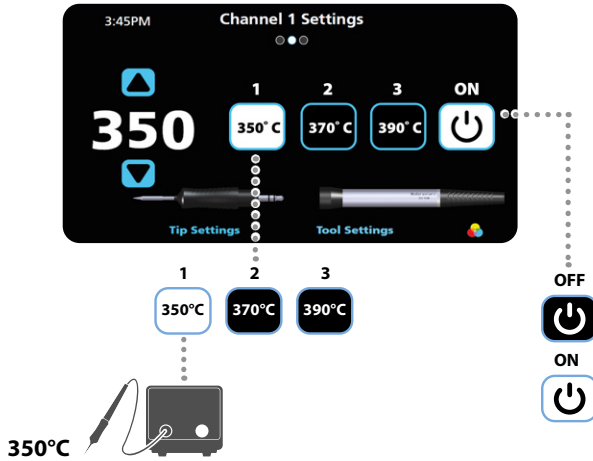
Performance mode

Monitor sensor

Serial number

Tool
RTM 004 B

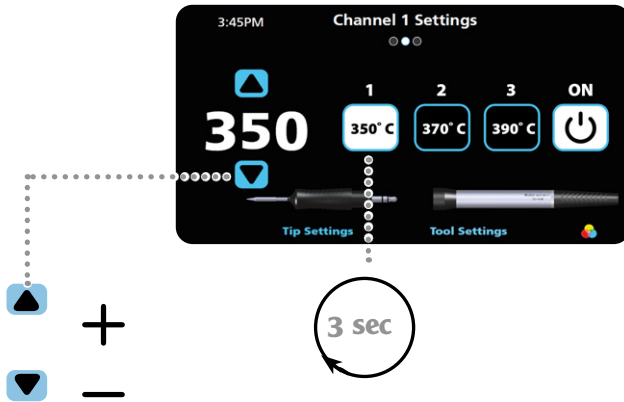
Lock



DE Temperatur ändern
GB Temperature change



DE Voreingestellte Temperatur wählen
GB Choose preset temperature

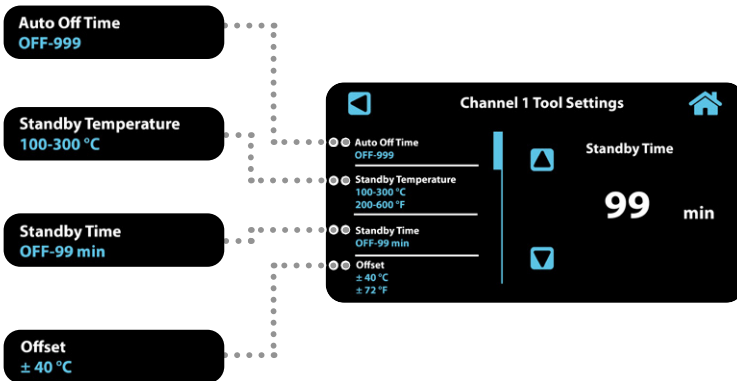


°C/°F

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 OFF AUTO-OFF Funktion ist ausgeschaltet (Werkseinstellung)
1-999 min AUTO-OFF Zeit, individuell einstellbar.
- GB OFF AUTO OFF function is deactivated (factory setting)
1-999 min AUTO-OFF time, can be set individually

Standby Time

- DE OFF Standby Zeit ist ausgeschaltet (Werkseinstellung)
1-999 min Standby Zeit , individuell einstellbar
- GB OFF AUTO-OFF Funktion ist ausgeschaltet (Werkseinstellung)
1-999 min AUTO-OFF Zeit, individuell einstellbar.

Standby Temperature

- DE Standby Temperatur
- GB Standby Temperature

Offset

- DE Offset
- GB Offset

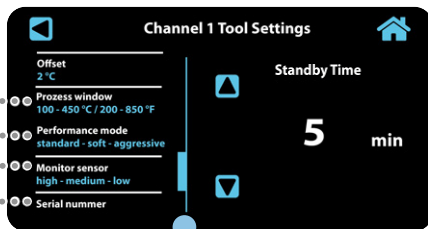


Prozess window
100 - 450 °C / 200 - 850 °f

Performance mode
standard - soft - aggressive

Monitor sensor
high - medium - low

Serial nummer



Prozess window

DE Prozessfenster
GB Prozess window

Performance mode

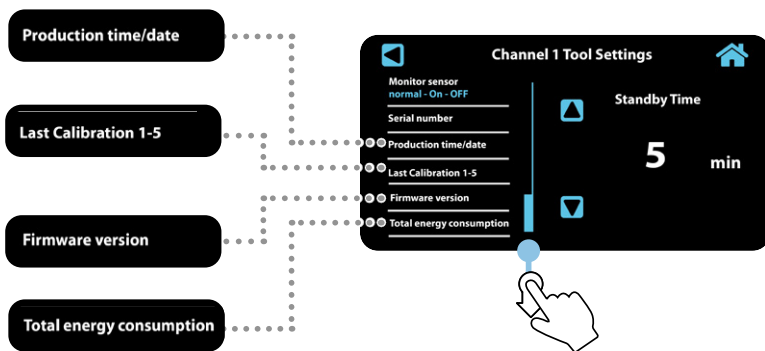
DE Leistungsmodus
GB Performance mode

Monitor sensor

DE Empfindlichkeit: hoch,
mittel, niedrig
GB Monitor sensor: high,
medium, low

Serial nummer

DE Seriennummer
GB Serial number



Production time/date

DE Produktionszeit / Datum
GB Production time / date

Last Calibration 1-5

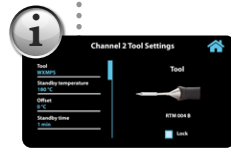
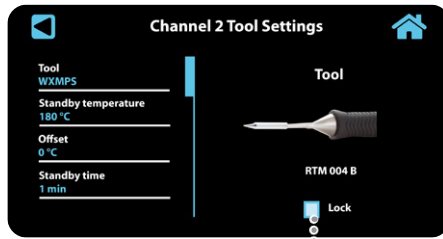
DE letzte Kalibrierung
GB Last Calibration

Firmware version

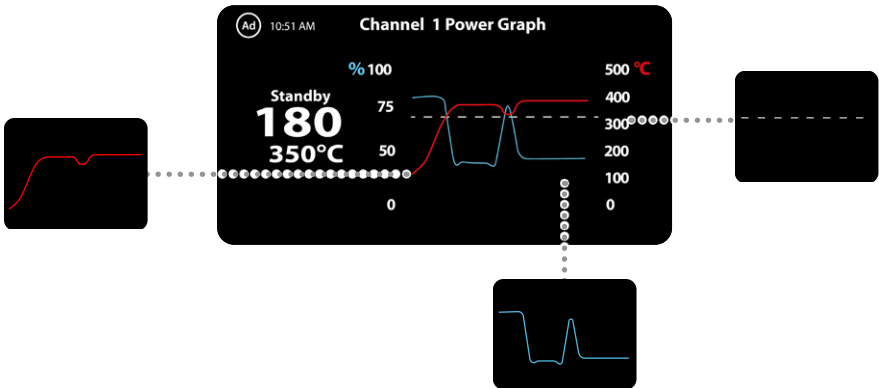
DE Firmware Version
GB Firmware version

Total energy consumption

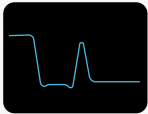
DE Energieverbrauch
GB Total energy consumption



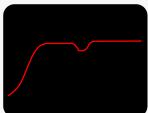
- DE Nur WXSmart LötKolben = Verriegelungsfunktion (LOCK)
- GB Only WXSmart soldering iron = locking function (LOCK)



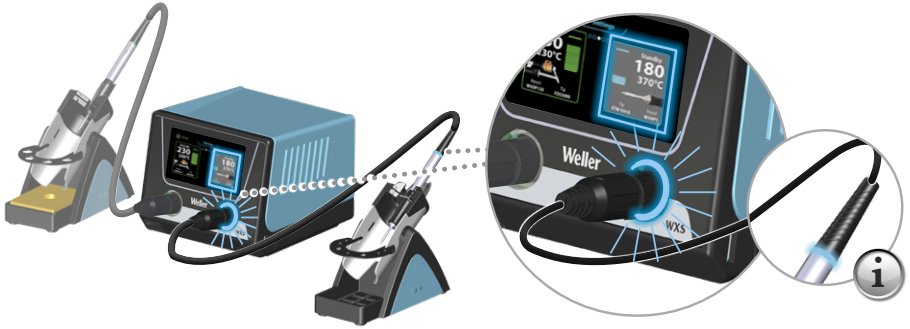
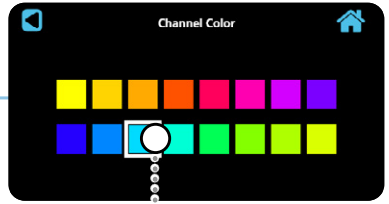
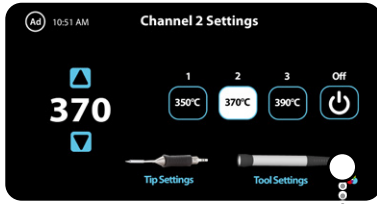
DE Soll Temperatur
GB Target temperature



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



DE IST Temperatur angeschlossenes Werkzeug
GB IST Current temperature connected tool

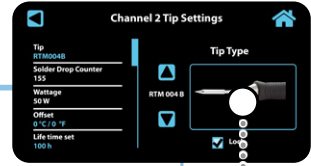
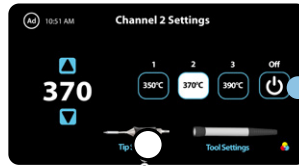


DE Einstellung: LötKolben (nur WX Smart LötKolben)
GB Setting: Soldering Iron (WX Smart Soldering Iron only)



DE Farbe einstellen
GB Set Color

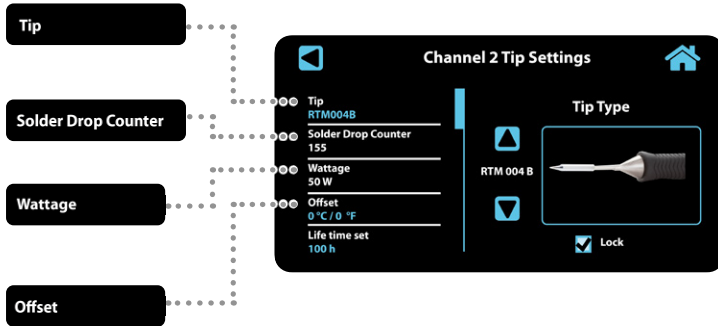




DE Einstellungen: Lötspitzen
GB Settings: soldering tips



DE Details: Lötspitze
GB Details: soldering tip



Tip

DE Tip
GB Tip Type

Solder Drop Counter

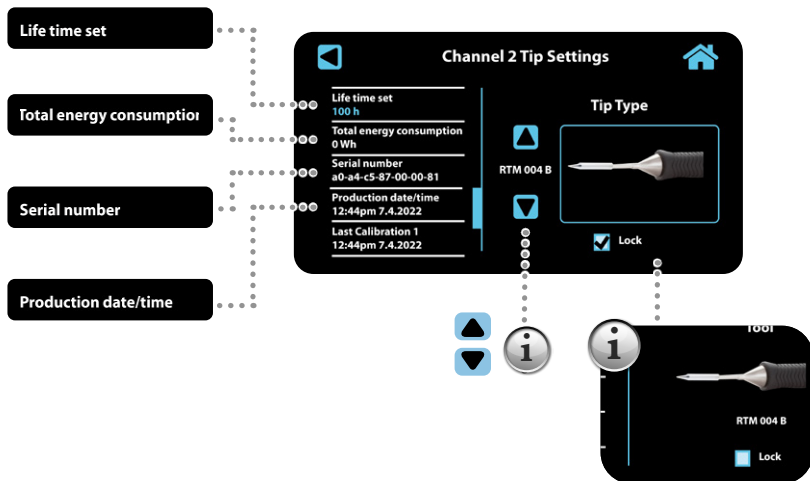
DE Lötstellenzähler
GB Solder Drop Counter

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

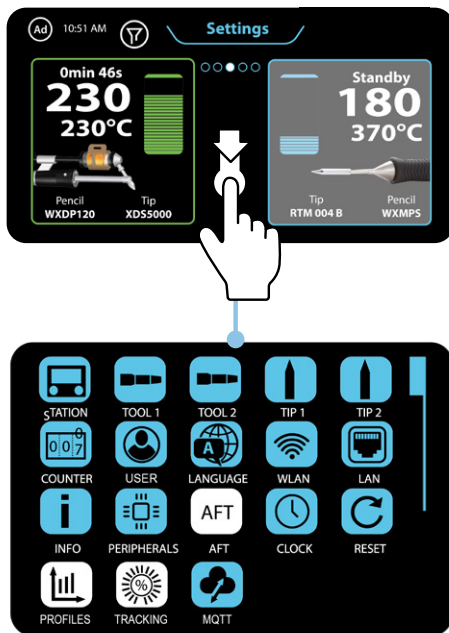


3. Einstellungen Settings





3.

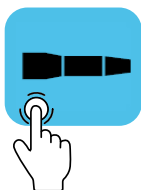
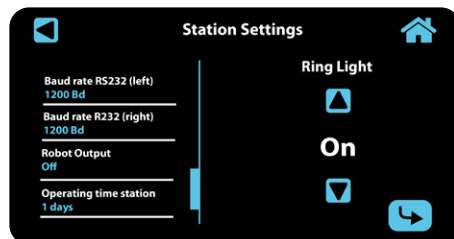
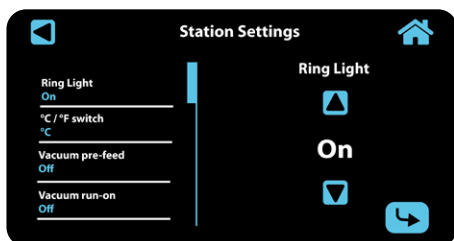


DE AFT, Profiles, Tracking: Verfügbar 2023
GB AFT, Profiles, Tracking: available 2023

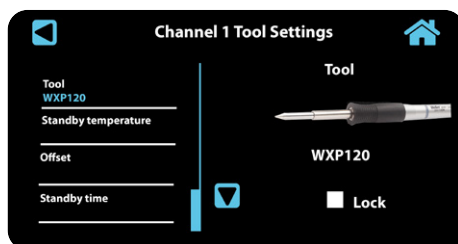




DE Einstellungen Station
GB Station Setting



DE Kanal Werkzeugeinstellungen
GB Channel Tool Settings



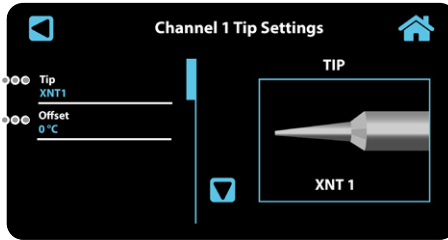


DE Kanal Lötspitzeneinstellungen
GB Channel Tip Settings



Offset
0 °C

Tip
XNT1

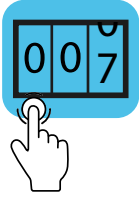


Offset
0 °C

Tip
XNT1

DE Offset
GB Offset

DE Auswahl Lötspitze
GB Tip selection



DE Lötstellenzähler
GB Counter

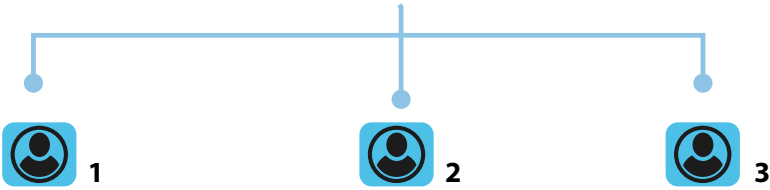


DE Einstellung Sprache
GB Set language





DE Profile einstellen
GB Set profilis



DE Standardeinstellung /
Auslieferungszustand
GB Standard setting / delivery state

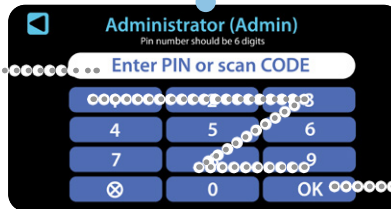
DE Neuen Benutzer anlegen
GB Create new user

DE Neuen Benutzer anmelden
GB Register new User



DE Standardeinstellung/Auslieferungszustand
GB Standard setting / delivery state

1



Enter PIN or scan CODE

= 123456

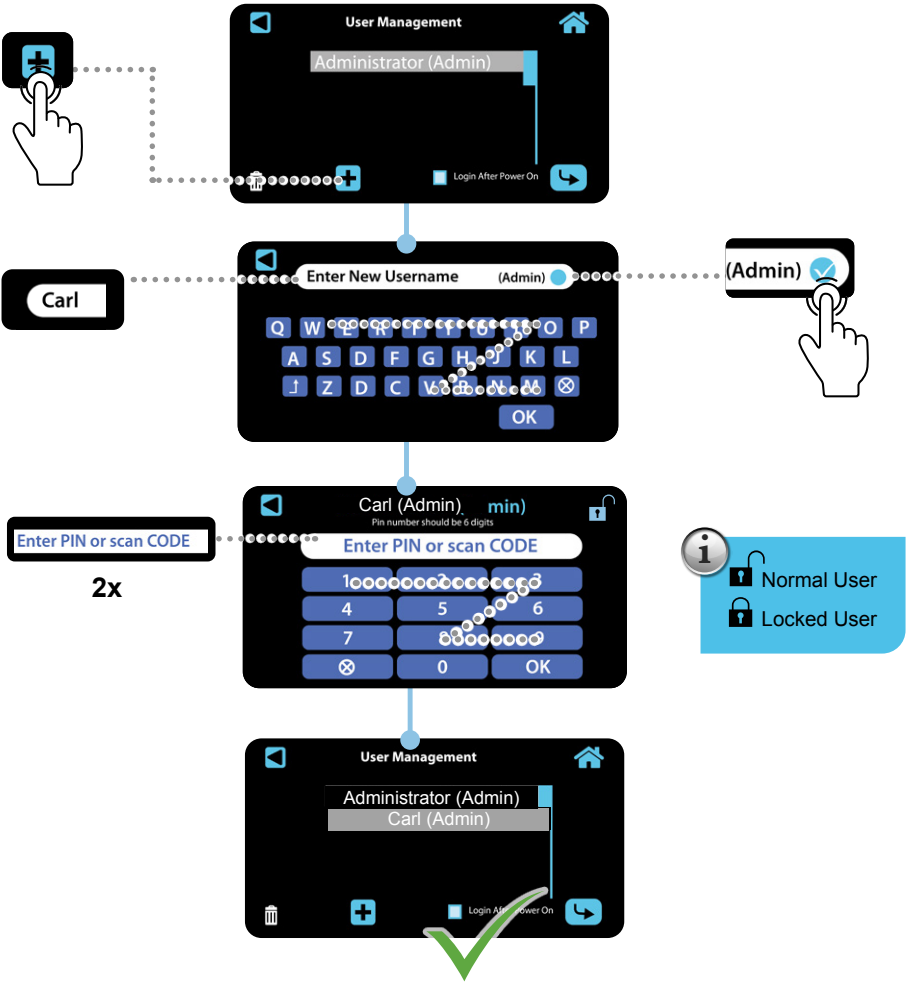
OK





2

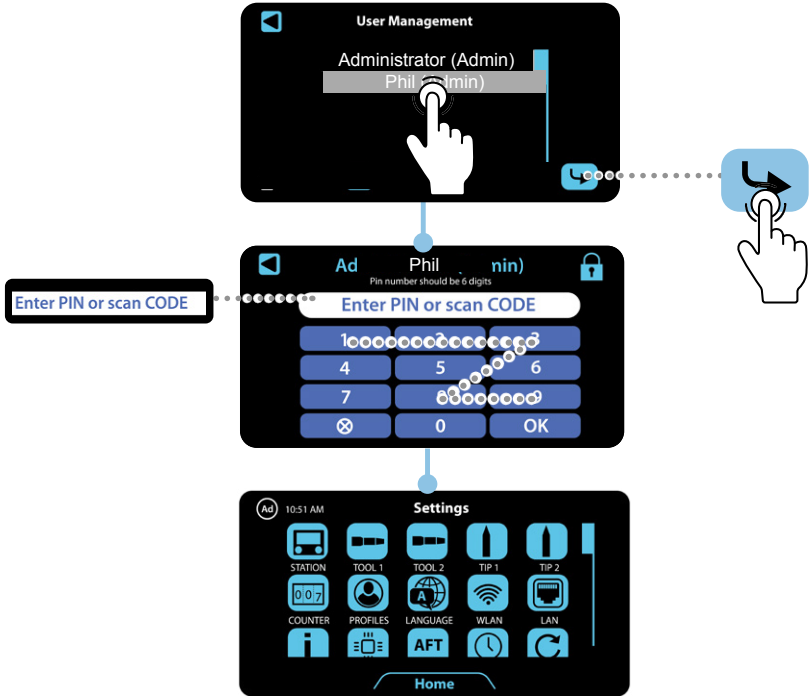
DE Benutzer anlegen
GB Create user





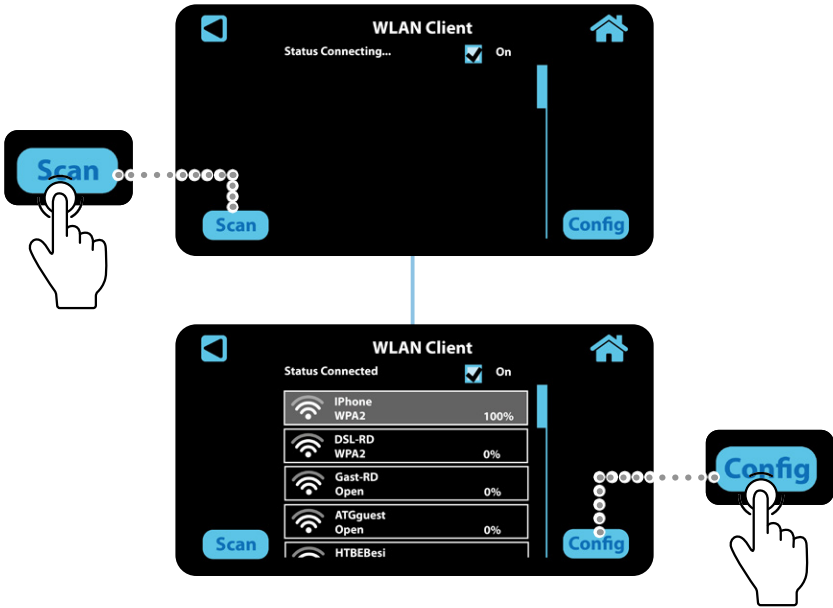
3

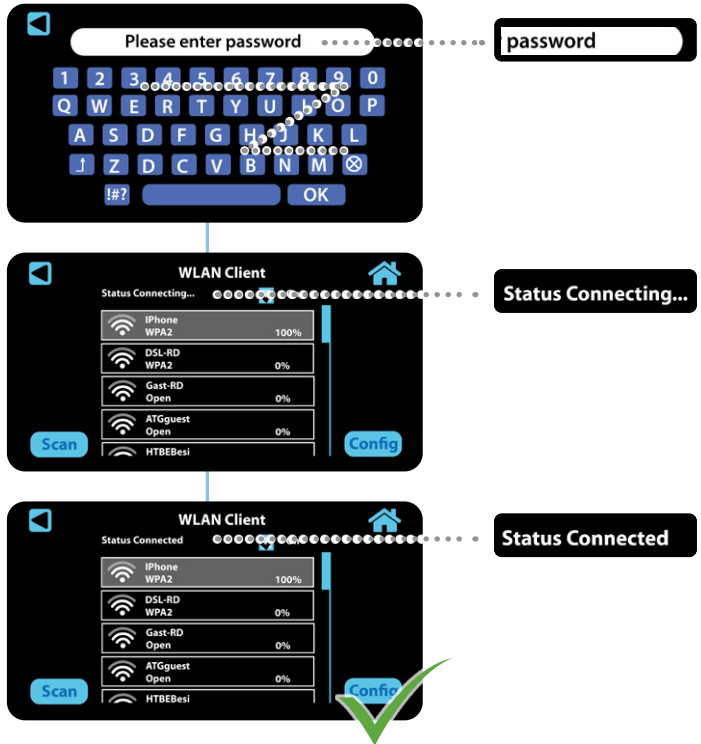
DE Neuen Benutzer anmelden
GB Register new User





DE WLAN wählen
GB WiFi selection

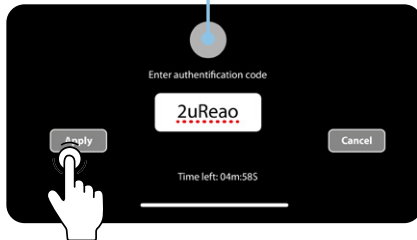
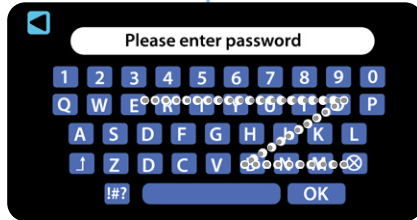
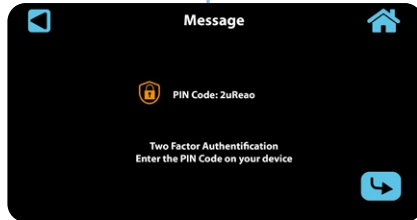


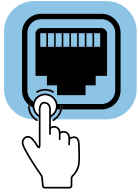


- DE Vor einer App-, oder Netzwerkverbindung, muss am Gerät ein 2 Faktoren Authentifizierungs-PIN Code eingegeben werden. Dieser Code erscheint auf dem Bildschirm und muss erneut in das Gerät eingegeben werden.
- GB Before an app or network communication starts a 2FA code/pin has to be entered on the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

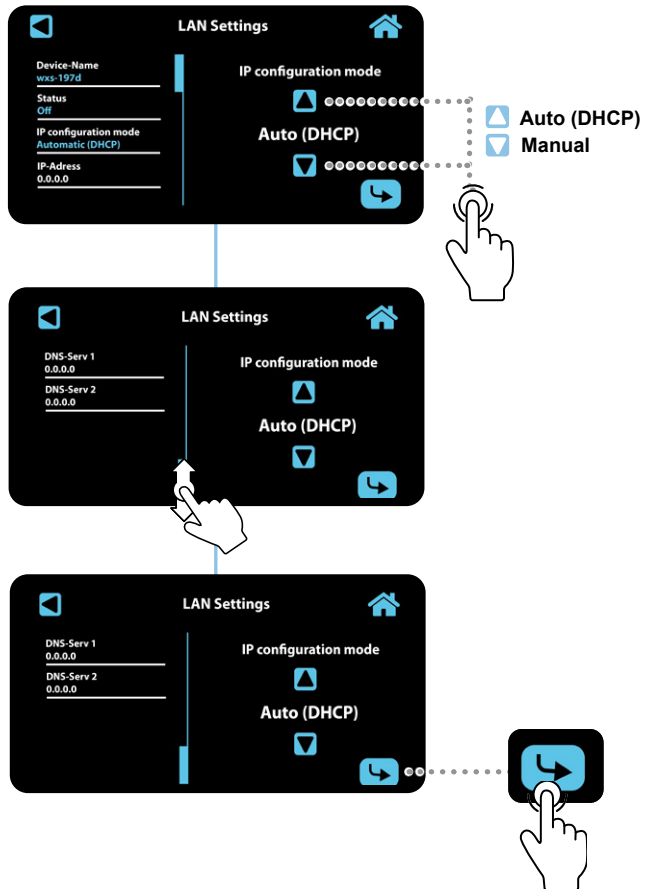


DE 2FA Authentifizierung zur Verbindung mit Weller App
GB 2FA authentication for connection with Weller App.



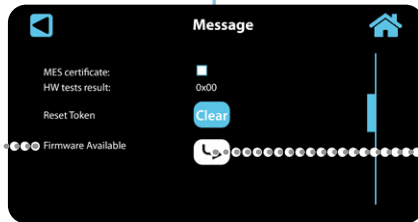


DE Zwischen Automatischem und Manuellem Modus wechseln
GB Switch between automatic and manual mode





DE Rücksetzen der 2FA Authentifizierung
GB Reset 2FA authentication



Firmware Available

Firmware Available

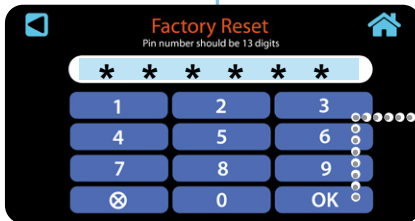
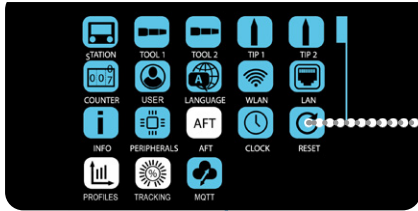


DE Button wird blau wenn USB-Stick mit gültigen Firmenware update file eingesteckt ist -> Bestätigungen um Update durchzuführen

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

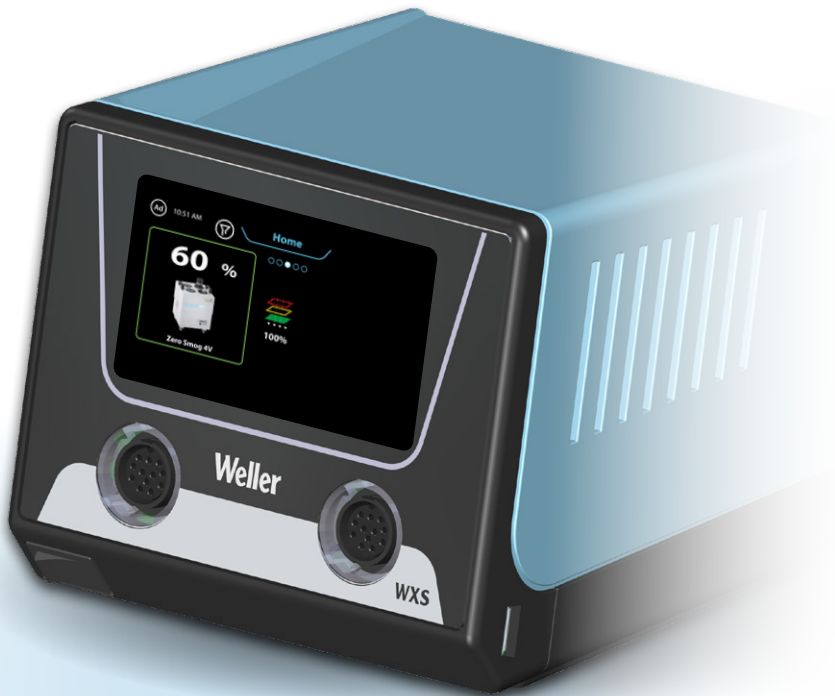


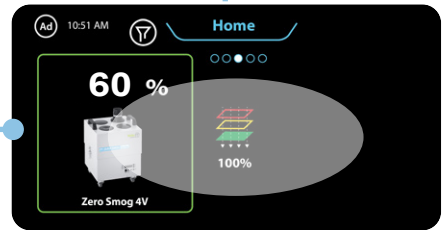
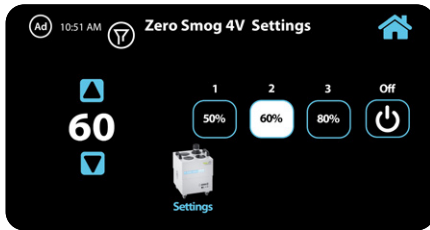
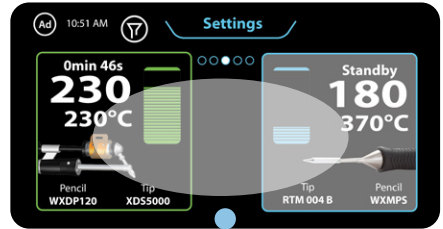
DE Auf Werkseinstellungen zurücksetzen
GB Factory Reset

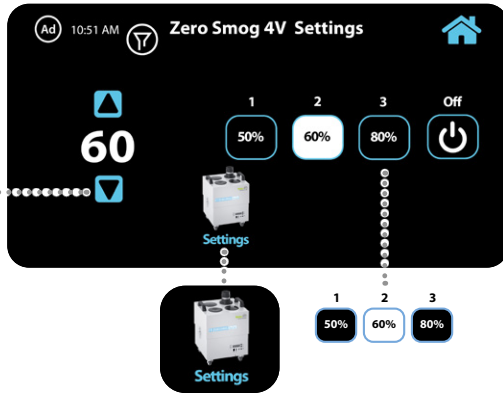




4. Lötrauchabsaugung Fume extraction



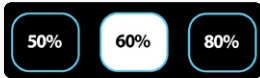




DE Löt Rauchabsaugung
GB Fume Extraction



DE Eingestellte Absaugleistung
GB Set suction power



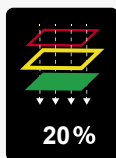
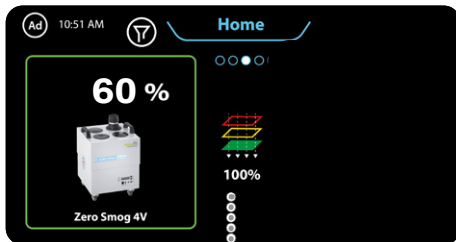
DE voreingestellte Absaugleistungen
(3 Pre-Set Auswahlflächen)
GB Pre-set suction power (3 Pre-set selection areas)



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

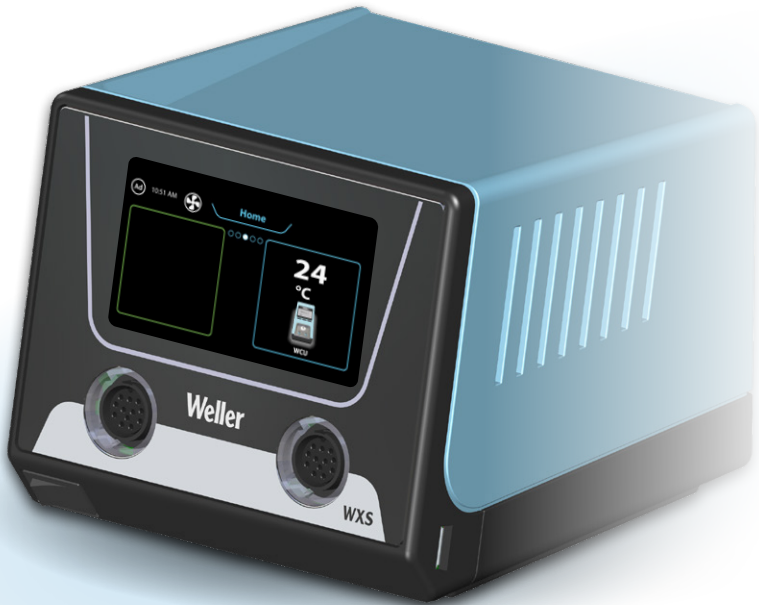


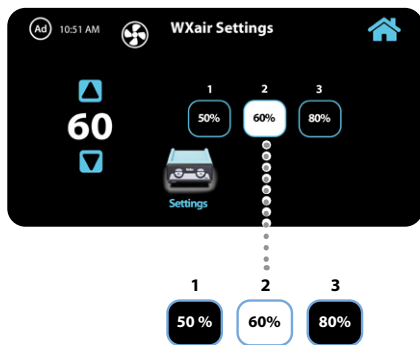
5. WX Air Modul

(Ent- und Heißluftmodul)

WX Air Modul

(Ventilation and hot air module)

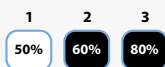
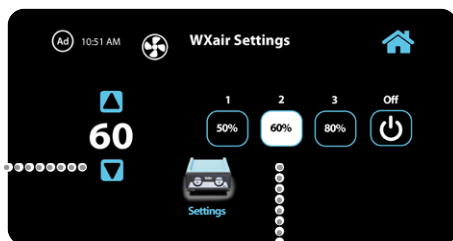




DE Einstellungen: Ent- und Heißluftmodul
GB Settings: ventilation and hot air module



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

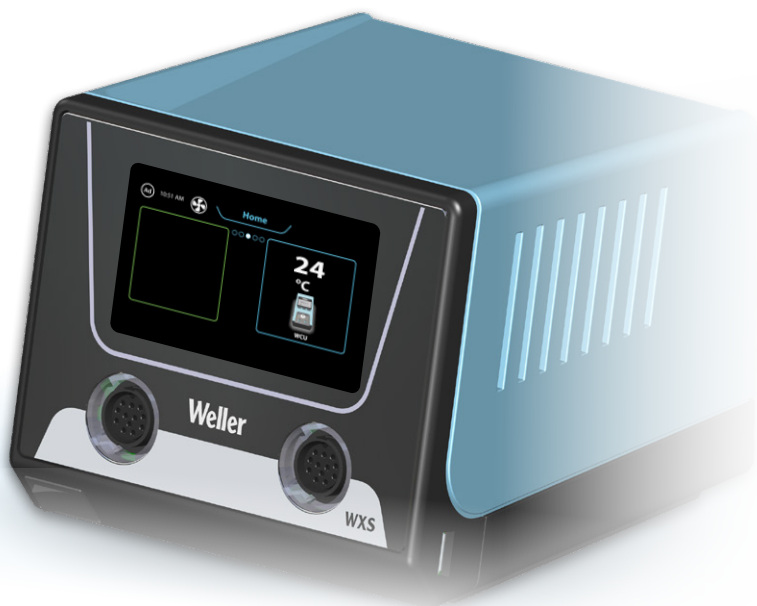
10-100 %

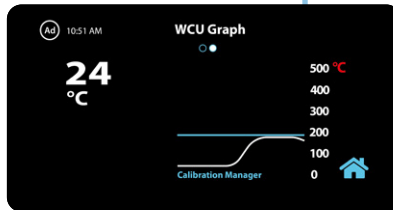
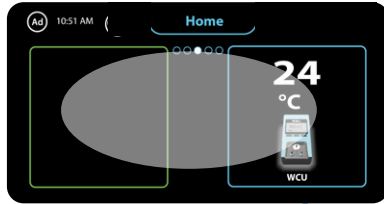
6. WCU

Temperaturmessgerät

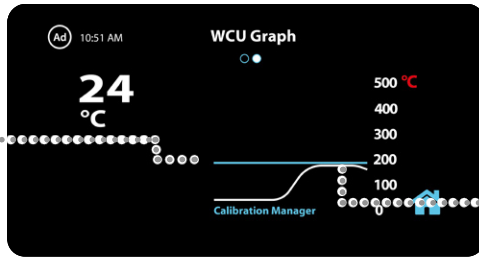
WCU

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)



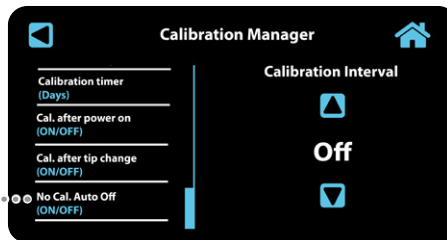
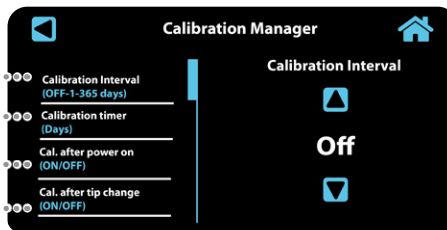
Calibration Interval
(OFF-1-365 days)

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)

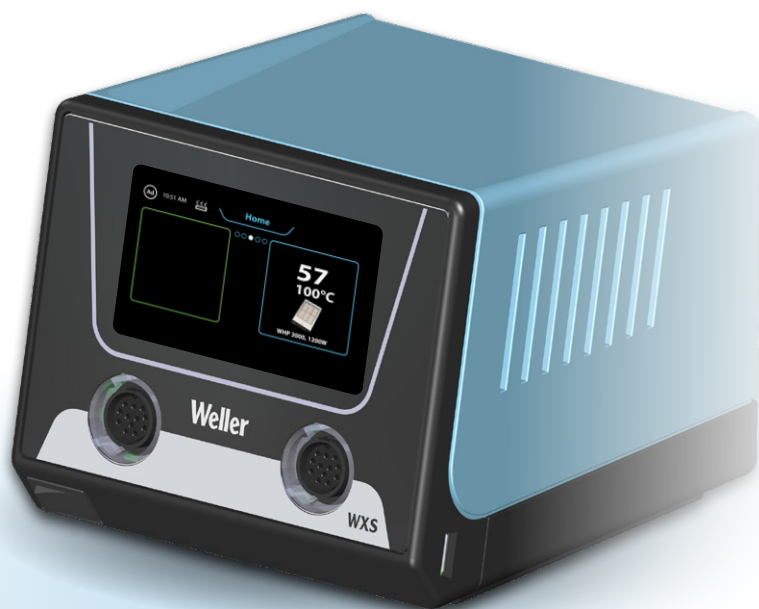
DE Einstellung: Kalibrierung bei Lötspitzenwechsel.
GB Setting: Calibration when changing soldering tips.

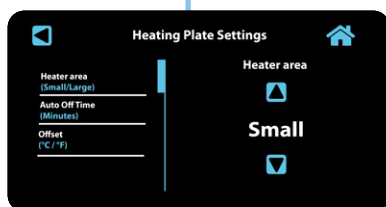
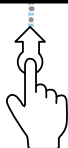
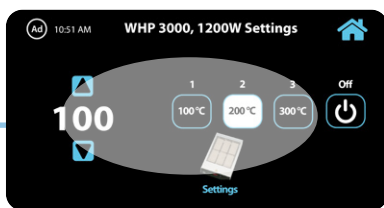
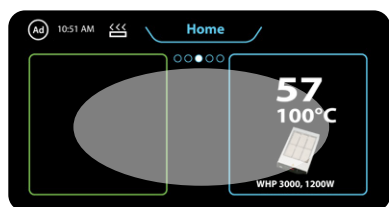
No Cal. Auto Off
(ON/OFF)

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

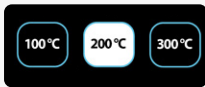
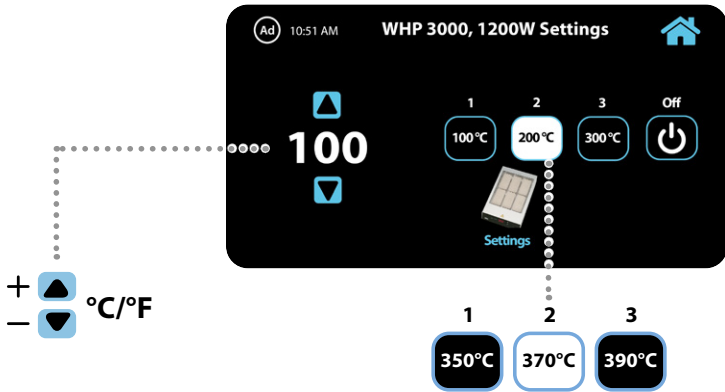


7. Vorheizplatten Preheating plates





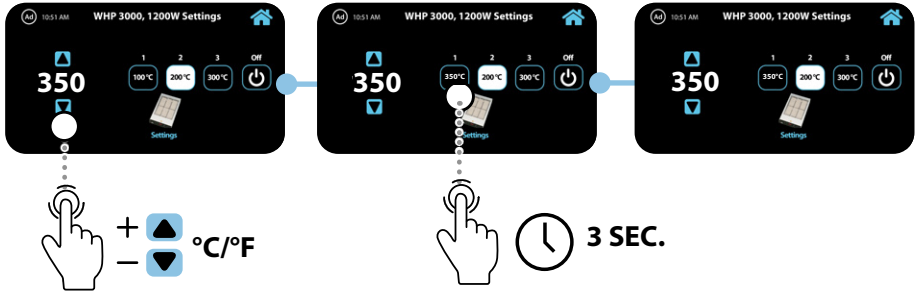
DE Einstellung: Vorheizplatte
 GB Setting: preheating plate



DE SOLL Temperatur
GB Target temperature

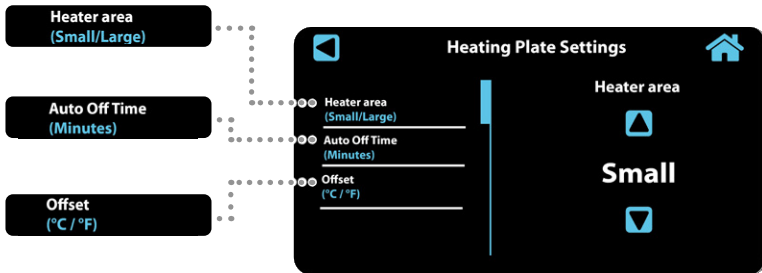


DE Temperatur einstellen
GB Set temperature



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

WXP 65, T0052921199N	65 W 24 V - SOLDERING IRON WITH POWER-RESPONSE HEATING TECHNOLOGY For small and medium components with average energy demand.		XNT
WXP 80, T0052920999N	80 W 24 V - SOLDERING IRON WITH SILVER LINE HEATING TECHNOLOGY For medium components with high energy demand.		LT
WXP 90, T0052922599N	90 W 24 V - HYBRID SOLDERING IRON WITH POWER RESPONSE HEATING TECHNOLOGY For small and medium components with high energy demand.		XNT
WXP 120, T0052920299N	120 W 24 V - SOLDERING IRON WITH POWER RESPONSE HEATING TECHNOLOGY For small and large components (High Mass) with high energy demand.		XT
WXP 200, T0052920699N	200 W 24 V - SOLDERING IRON WITH POWER RESPONSE HEATING TECHNOLOGY For very large components (Shielding) with high/ medium energy demand.		XHT
WXPP, T0052922699 WXPP MS (MIL SPEC) T0052923299	40 W, 12 V - 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
WXMP T0052920499N WXMP MS (MIL SPEC) T0052921799N	40 W, 12 V - MICRO SOLDERING IRON WITH ACTIVE HEATING TECHNOLOGY. For medium to large components with high energy demand. MS version according to Military Standard		RTM RTM MS
WXMPS MS (MIL SPEC) T0052923699	40 W, 12 V - 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>WXUP MS (MIL SPEC) T0052923399</p>	<p>150 W, 24 V - 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>WXUPS MS (ML SPEC) T0052923599</p>	<p>150 W, 24 V - 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>WXMT, T0051317899N WXMT MS (MIL SPEC), T0051320899</p>	<p>2 X 40 W - 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>WXDP 120, T0051320299N</p>	<p>120 W 24 V - DESOLDERING IRON FOR HORIZONTAL USE WITH DESOLDERING NOZZLE</p>		<p>XDS, XDSDL</p>
<p>WXDV 120, T0051320599N</p>	<p>120 W 24 V - DESOLDERING IRON FOR VERTICAL USE WITH DESOLDERING NOZZLE</p>		<p>XDS, XDSDL</p>
<p>WXHAP 200, T0052712099N</p>	<p>200 W, 24 V - HOT AIR IRON WITH HOT AIR NOZZLE</p>		<p>FD/R/D/Q</p>



ACCESSOIRES

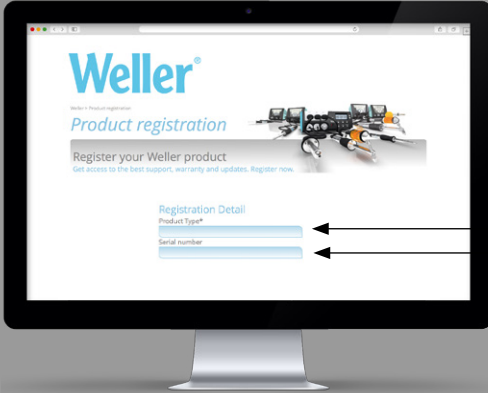
<p>WCU, T0053450199</p>	<p>TEMPERATURE MEASURING DEVICE AND AUTO CALIBRATION UNIT</p>	
<p>WXHP 120, T0052702999N</p>	<p>120 W PREHEATING PLATE</p>	
<p>WHP 1000, T0053364899N (EMEA), WHP1000N (US)</p>	<p>1000 W PREHEATING PLATE</p>	
<p>WHP 3000 600 W T0053338699 (EMEA) WHP3000N (US)</p>	<p>600 W PREHEATING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

FILTRATION SYSTEMS

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



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