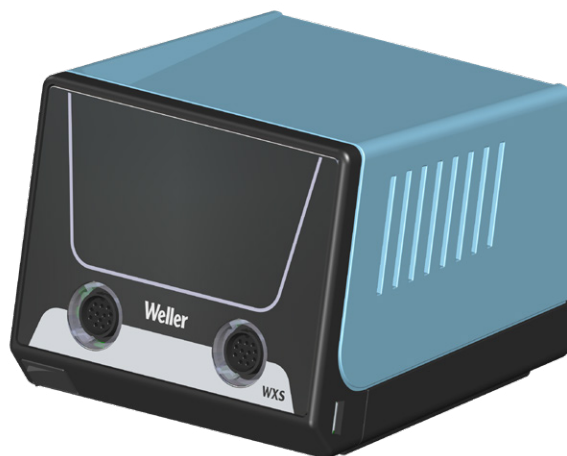


Weller®

WXsmart

WXsmart menu



DE Originalbetriebsanleitung

GB Translation of the original instructions



www.weller-tools.com



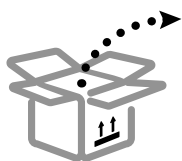
VIDEO



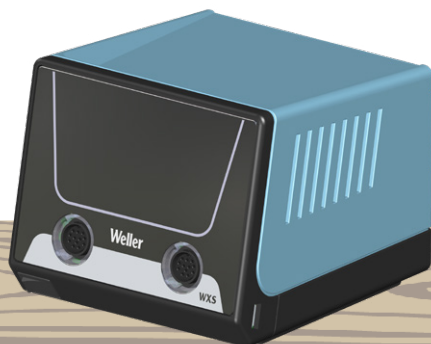
FAQ



1



2



3



USB



RS232

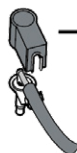
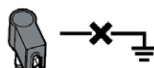
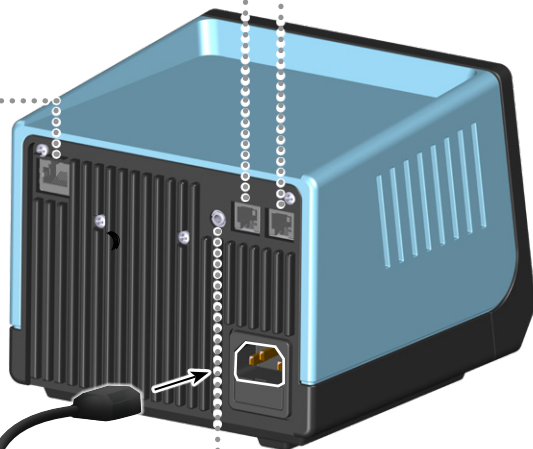


LAN

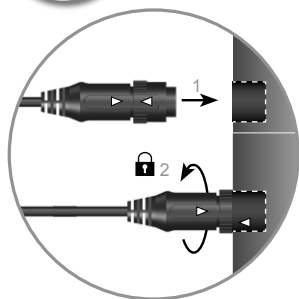
110 - 120 V



230 V



4



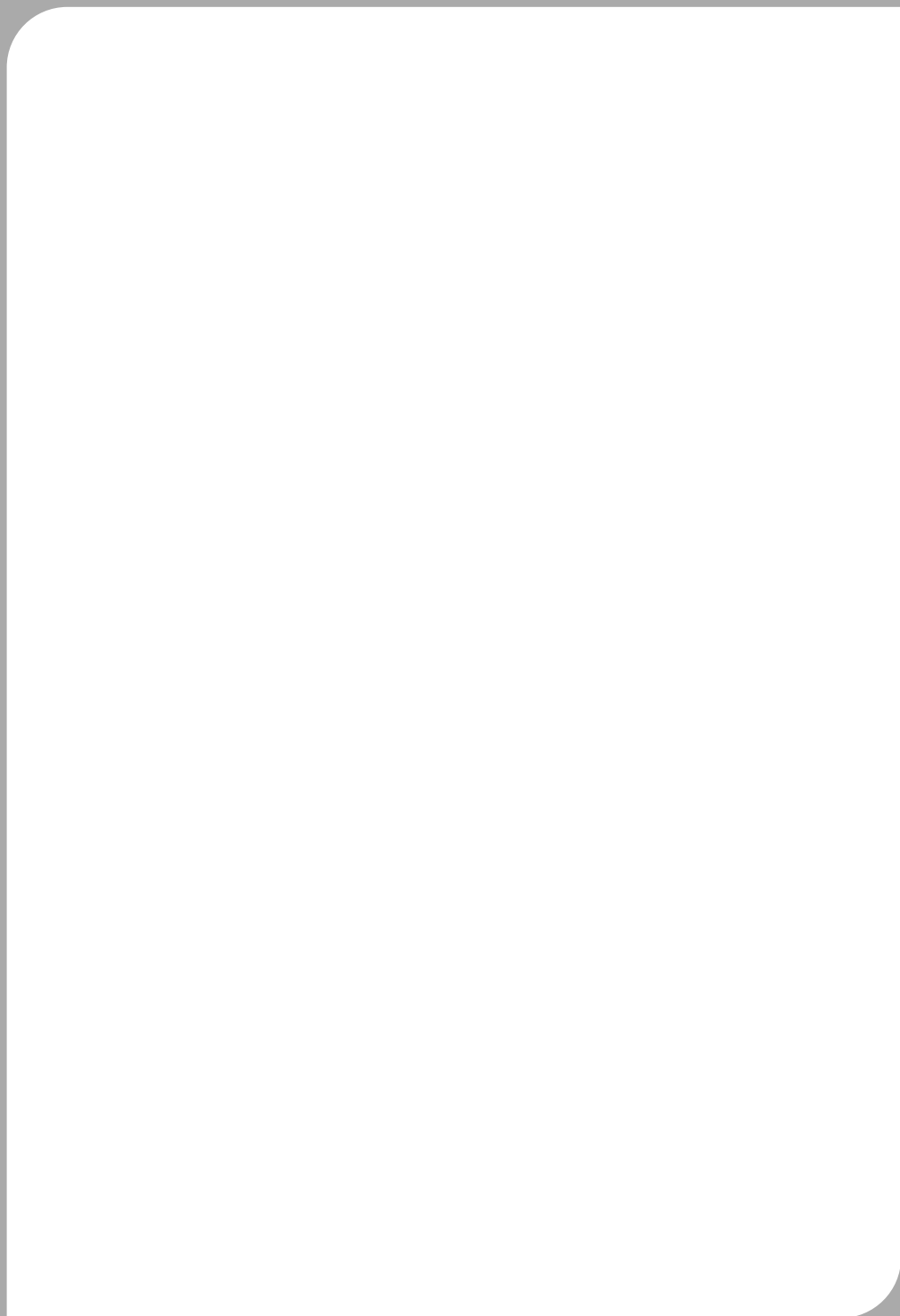
5



Content

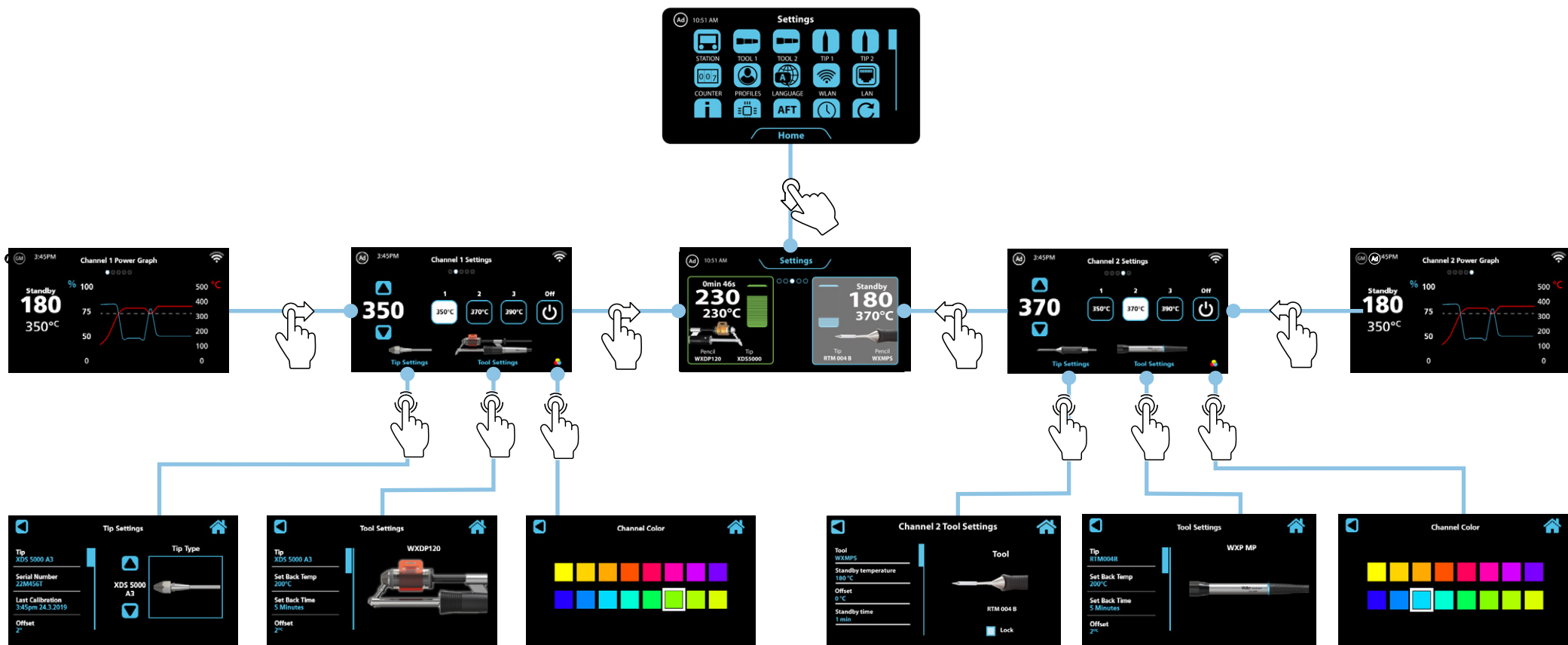
DE	1. Hauptmenü	11
	Schnellstart	14
	2. Werkzeugeinstellungen	19
	3. Einstellungen	31
	4. Lötrauchabsaugung	46
	5. WX Air Modul (Ent- und Heißluftmodul)	50
	6. WCU Temperaturmessgerät	52
	7. Vorheizplatten	57
	WXS Line Card	61

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

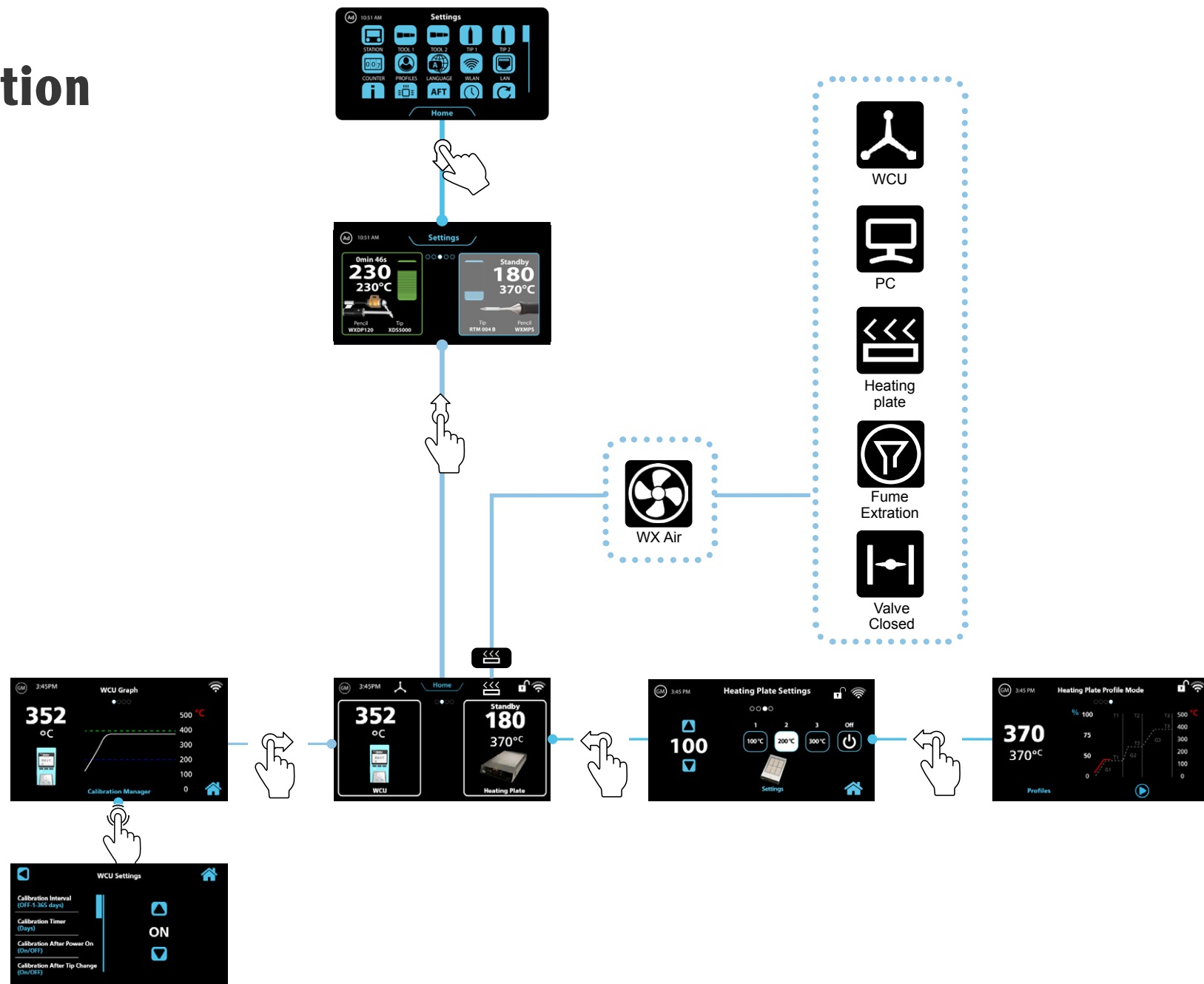




1. Navigation



2. Navigation



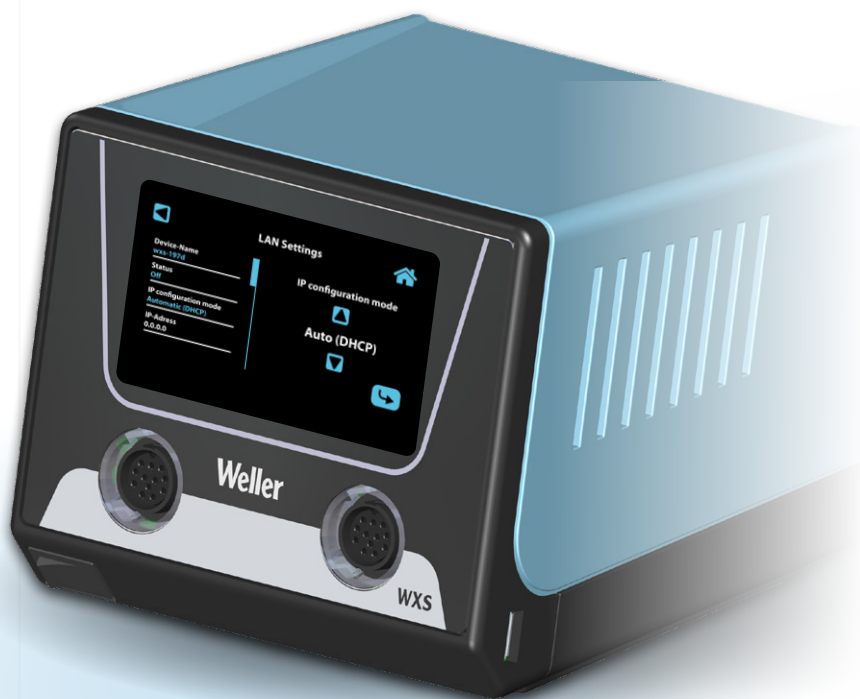


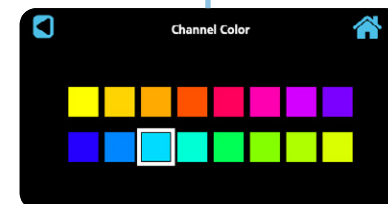
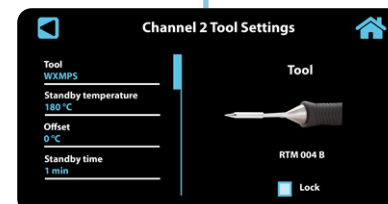
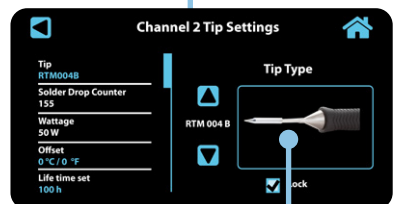
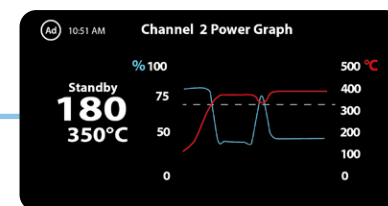
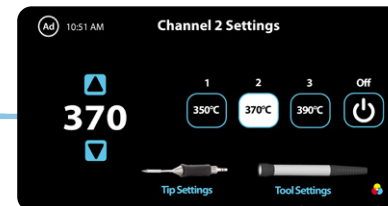
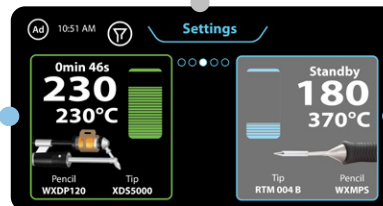
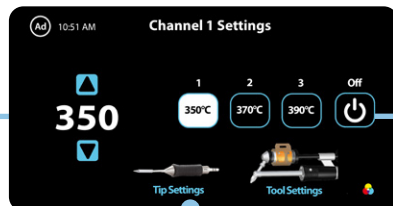
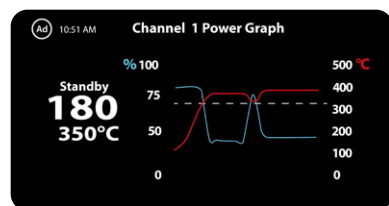
1. Hauptmenü

Station / LötKolben / Lötspitze

Main menu

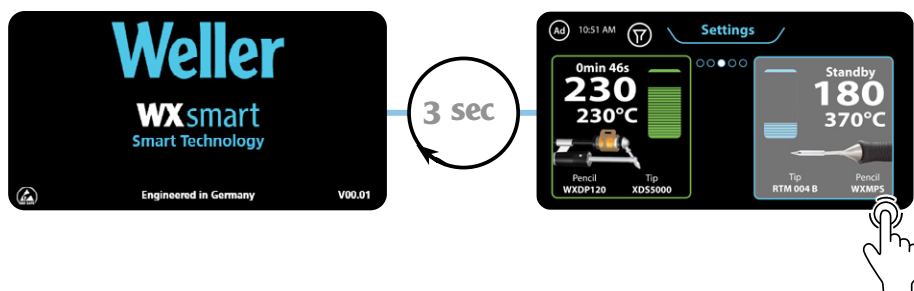
station / soldering iron / soldering tip



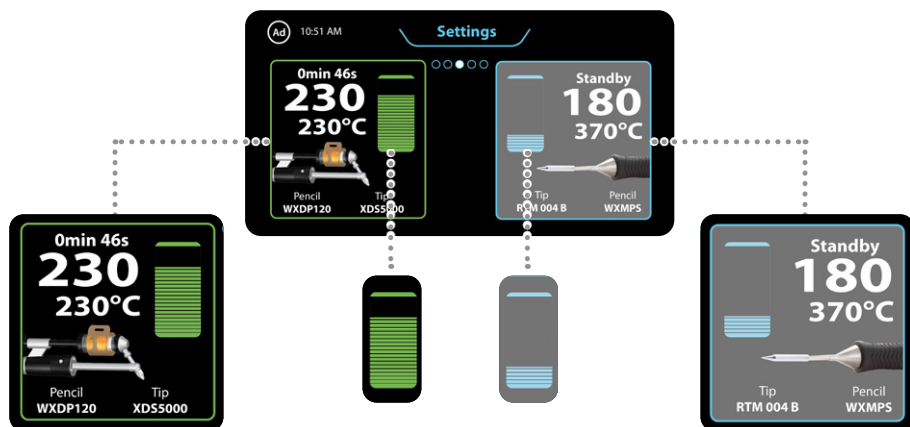


1

Schnellstart Quickstart



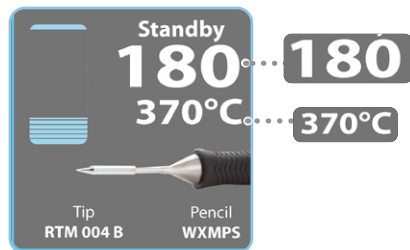
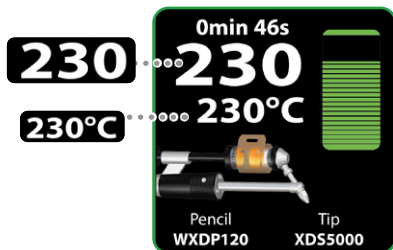
DE Sprache bestätigen
GB Confirm language



DE Werkzeug-Anzeige
GB Tool display



DE Leistung
GB Power



DE Aktives Werkzeug
GB Active tool



DE Inaktives Werkzeug
GB Inactive tool

180

370°C

DE Aktuelle IST Temperatur
GB Current ACTUAL temperature

230

230°C

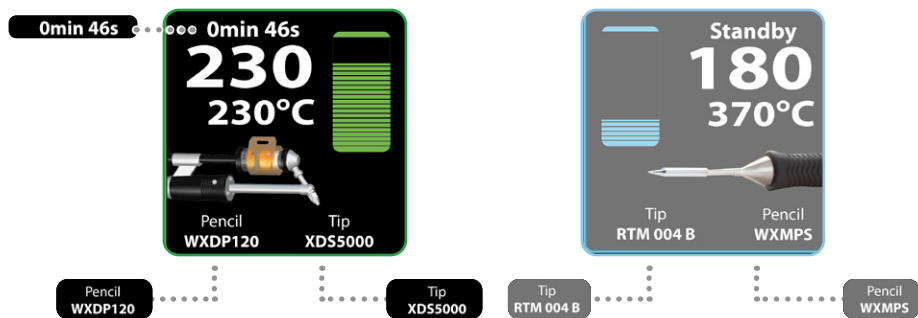
180

370°C

DE SOLL Temperatur
GB TARGET temperature

230

230°C



0min 46s

DE Zeit - Werkzeug wechselt in Standby
GB Time - tool goes into standby

Pencil
WXDP120

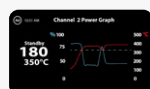
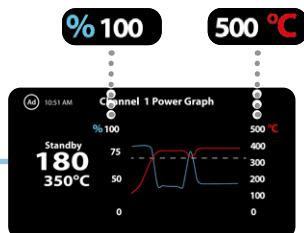
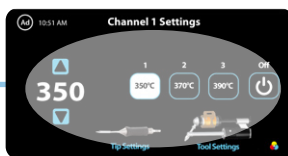
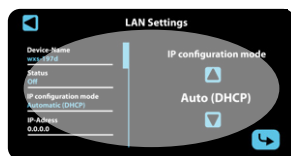
DE Angeschlossener LötKolben
GB Connected soldering iron

Pencil
WXMPS

Tip
XDS5000

DE Verwendete Lötspitze
GB Soldering tip used

Tip
RTM 004 B



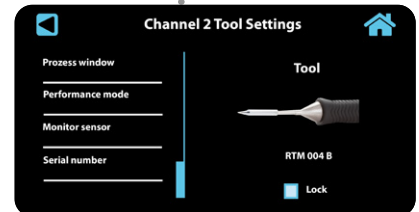
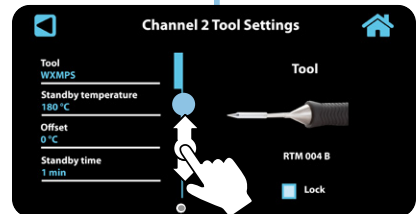
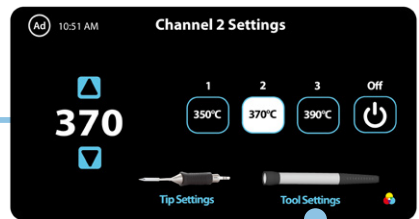
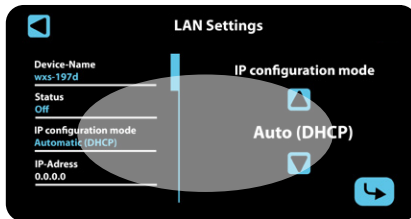
DE Leistungsanzeige - Kanal 1/2
GB Power Graph - Channel 1/2

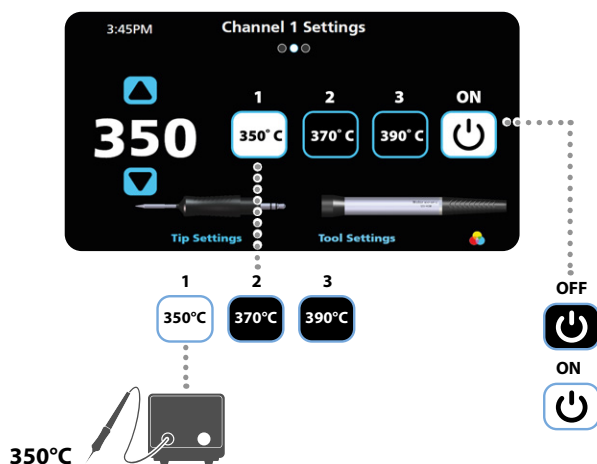


DE Leistung / Temperatur - Kanal 1/2
GB Power / temperature - Channel 1/2



2. Werkzeugeinstellungen Tool Settings

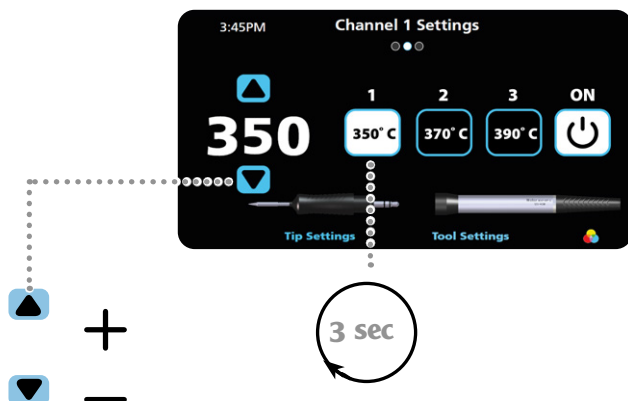




DE Temperatur ändern
GB Temperature change



DE Voreingestellte Temperatur wählen
GB Choose preset temperature

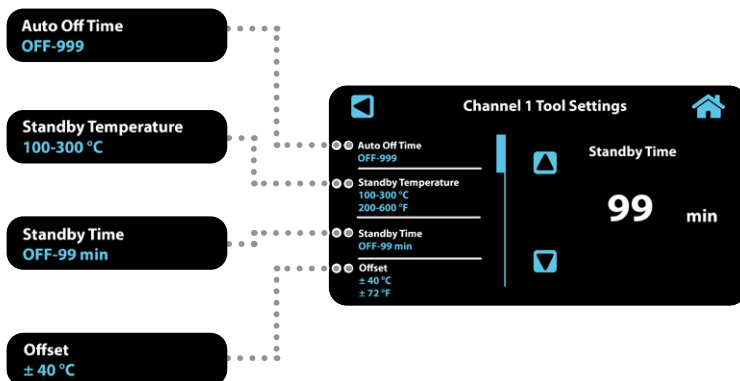


°C/°F

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

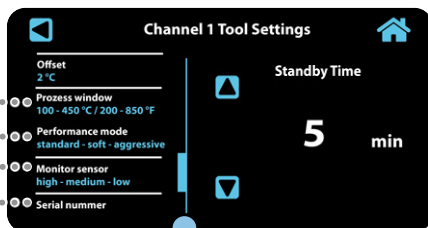


Prozess window
100 - 450 °C / 200 - 850 °F

Performance mode
standard - soft - aggressive

Monitor sensor
high - medium - low

Serial nummer



Prozess window

DE Prozessfenster
GB Prozess window

Monitor sensor

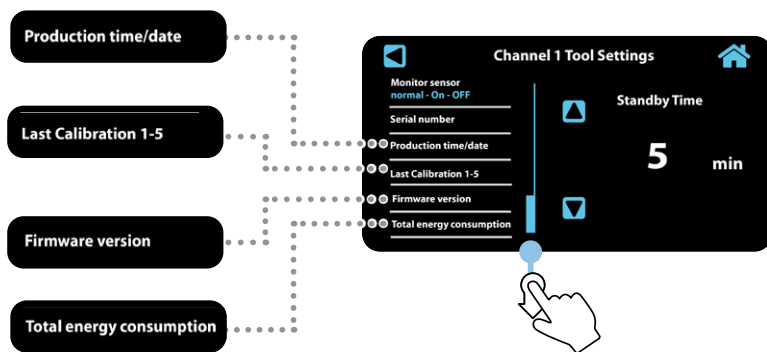
DE Empfindlichkeit: hoch,
mittel, niedrig
GB Monitor sensor: high,
medium, low

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

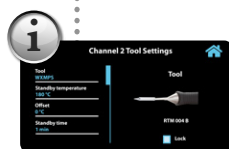
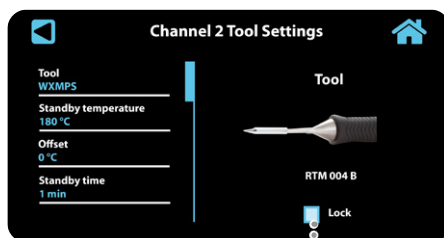
DE letzte Kalibrierung
GB Last Calibration

Firmware version

DE Firmware Version
GB Firmware version

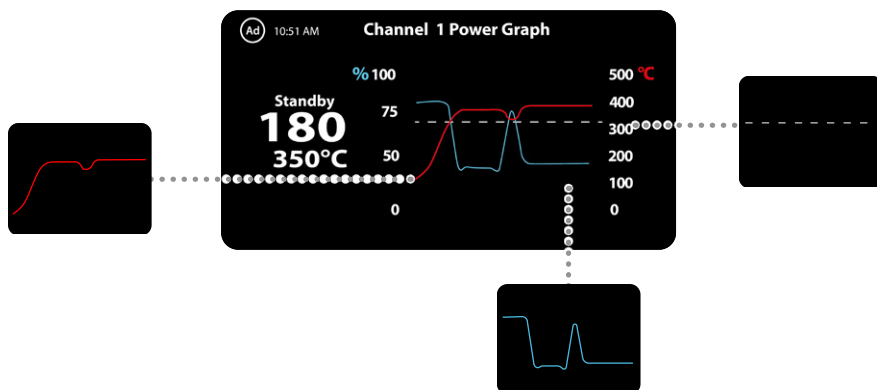
Total energy consumption

DE Energieverbrauch
GB Total energy consumption

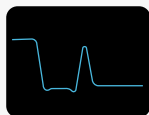


DE Nur WXSmart LötKolben = Verriegelungsfunktion (LOCK)

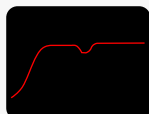
GB Only WXSmart soldering iron = locking function (LOCK)



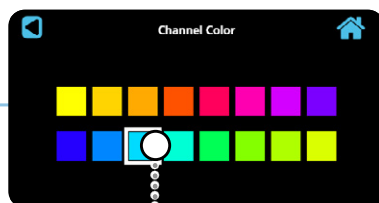
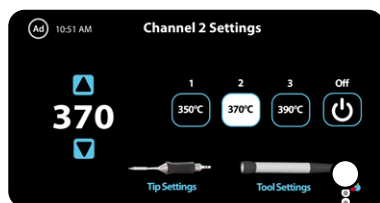
DE Soll Temperatur
GB Target temperature



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



DE IST Temperatur angeschlossenes Werkzeug
GB IST Current temperature connected tool

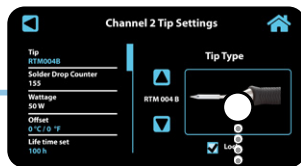
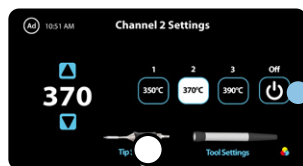


DE Einstellung: LötKolben (nur WX Smart LötKolben)
GB Setting: Soldering Iron (WX Smart Soldering Iron only)



DE Farbe einstellen
GB Set Color

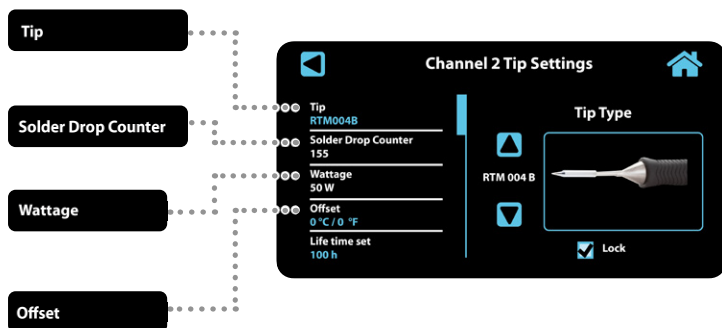




DE Einstellungen: Lötspitzen
GB Settings: soldering tips



DE Details: Lötspitze
GB Details: soldering tip



Tip

DE Tip
GB Tip Type

Solder Drop Counter

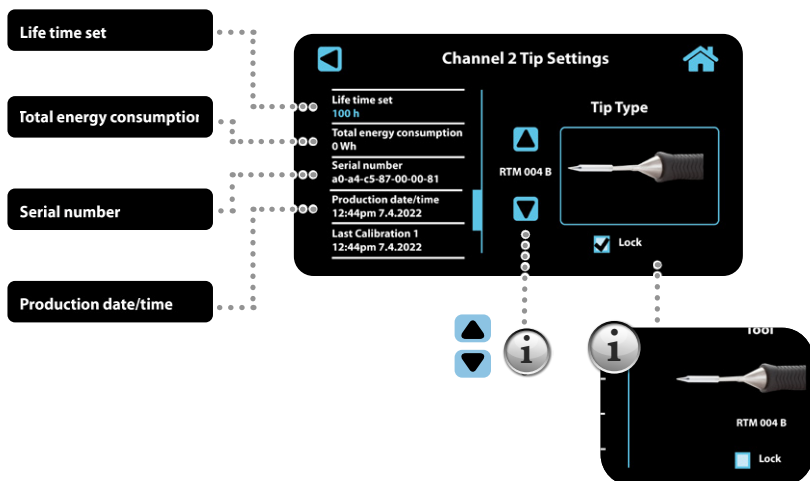
DE Lötstellenzähler
GB Solder Drop Counter

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

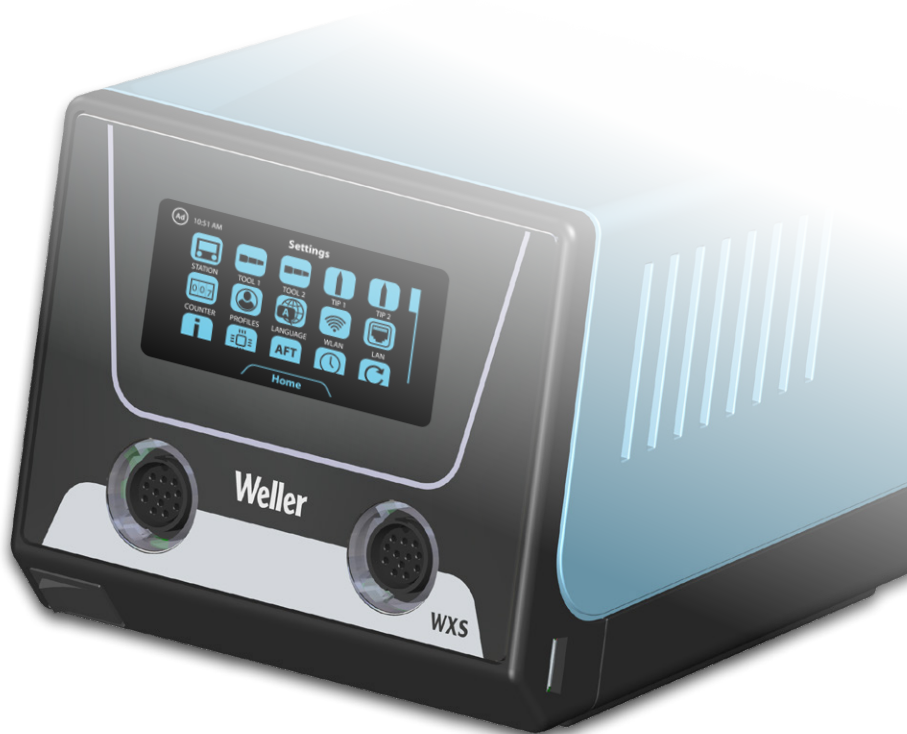
Lock

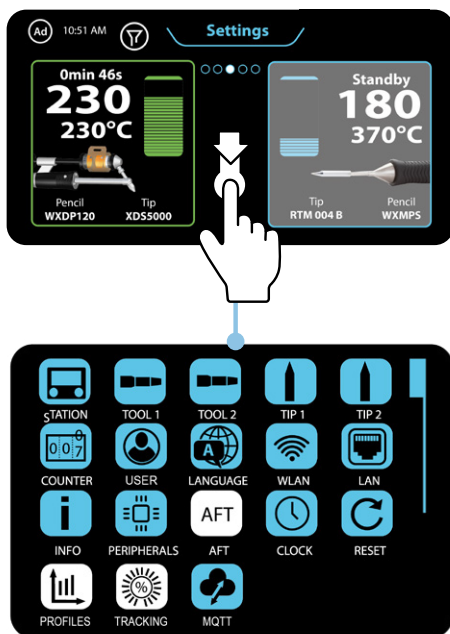
DE Nur WXSmart LötKolben = Lötspitze verriegeln (LOCK)
GB Only WXSmart soldering iron = lock soldering tip (LOCK)



DE Lötspitzen ansehen
GB View soldering tips

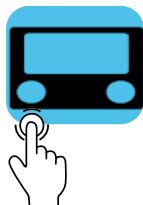
3. Einstellungen Settings





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





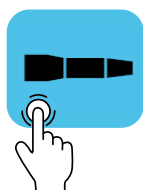
DE Einstellungen Station
GB Station Setting

Station Settings

Ring Light	Ring Light
On	
°C / °F switch	On
°C	
Vacuum pre-feed	
Off	
Vacuum run-on	
Off	

Station Settings

Baud rate RS232 (left)	Ring Light
1200 Bd	
Baud rate R232 (right)	On
1200 Bd	
Robot Output	
Off	
Operating time station	
1 days	



DE Kanal Werkzeugeinstellungen
GB Channel Tool Settings

Channel 1 Tool Settings

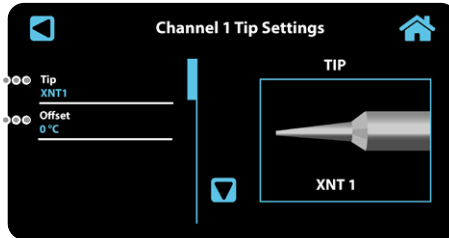
Tool	Tool
WXP120	
Standby temperature	WXP120
Offset	
Standby time	Lock



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

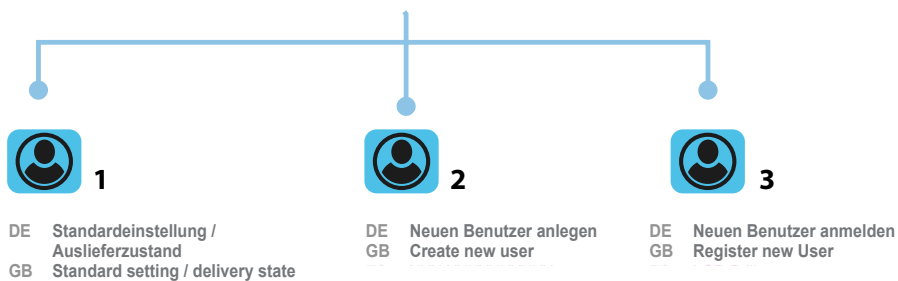


DE Einstellung Sprache
GB Set language





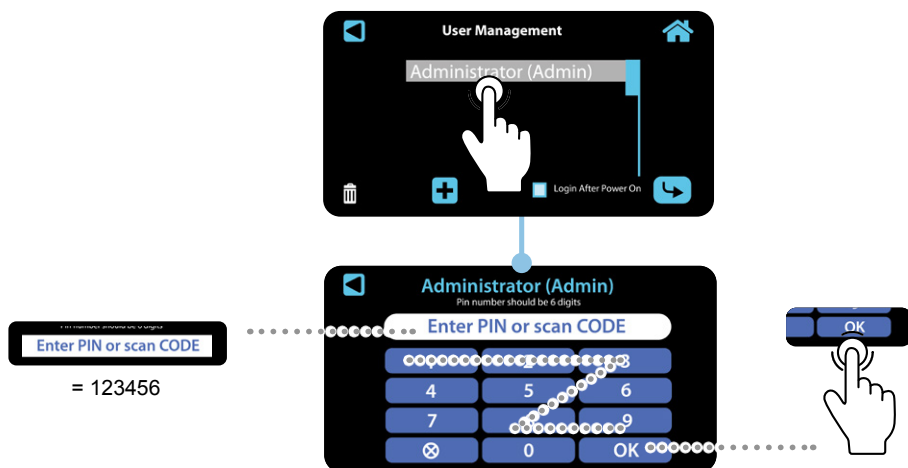
DE Profile einstellen
GB Set profiles





1

DE Standardeinstellung/Auslieferungszustand
GB Standard setting / delivery state





2

DE Benutzer anlegen
GB Create user



User Management

Administrator (Admin)

Login After Power On

Carl

Enter New Username (Admin)

Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M , . /
OK

(Admin)



Enter PIN or scan CODE

2x

Carl (Admin) min

Pin number should be 6 digits

Enter PIN or scan CODE

1 2 3 4 5 6
7 8 9 0 OK



Normal User
Locked User

User Management

Administrator (Admin)
Carl (Admin)

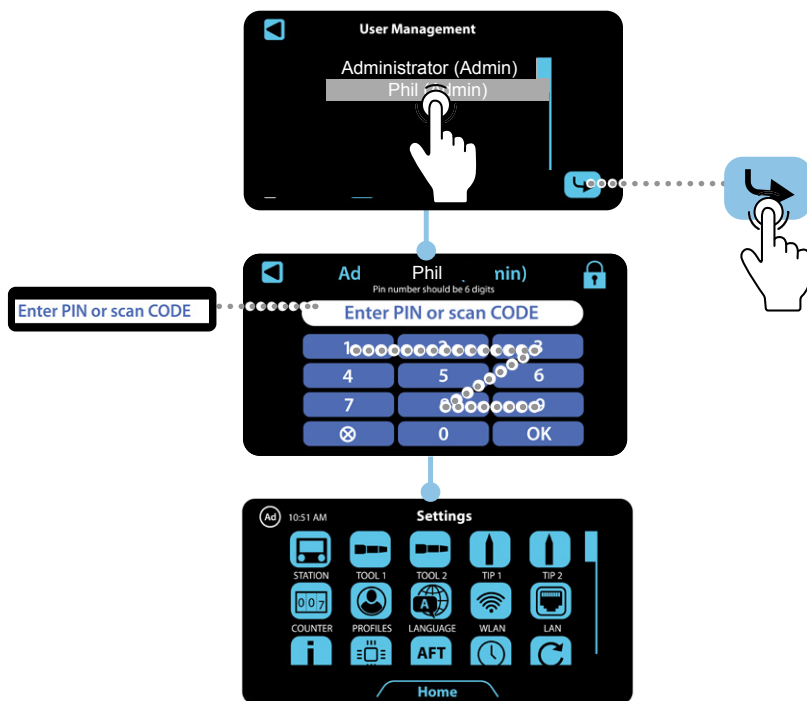
Login After Power On





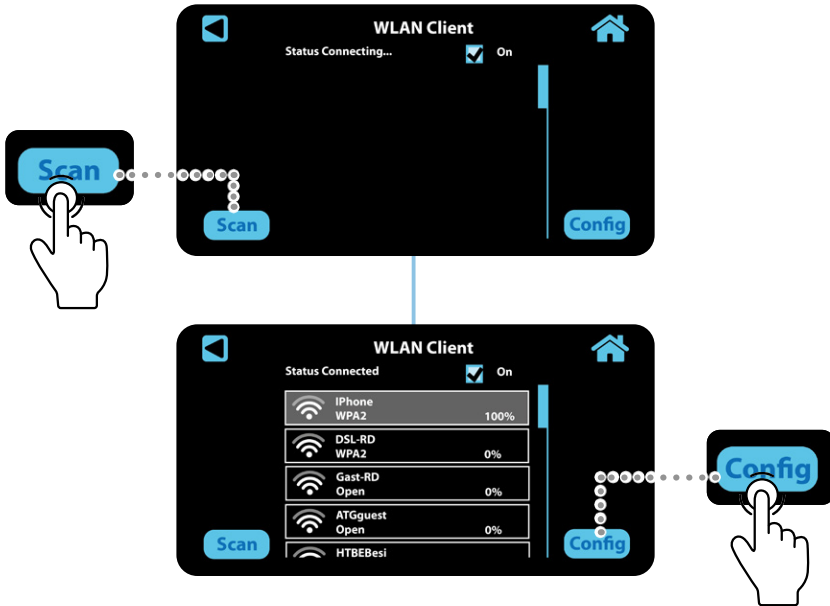
3

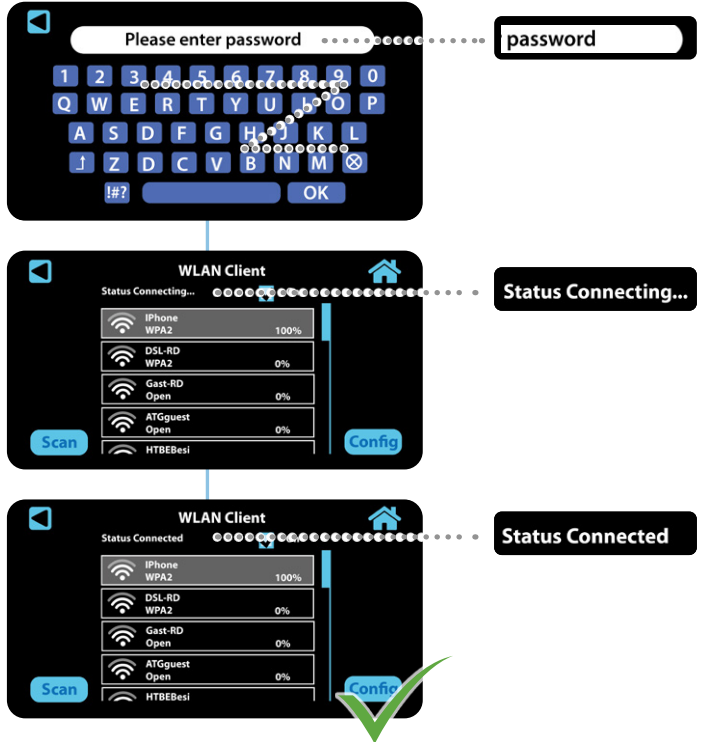
DE Neuen Benutzer anmelden
GB Register new User





DE WLAN wählen
GB WiFi selection

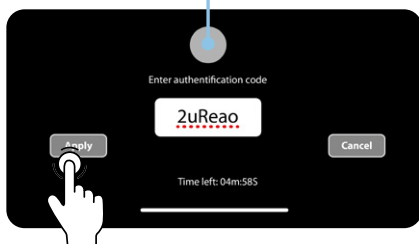
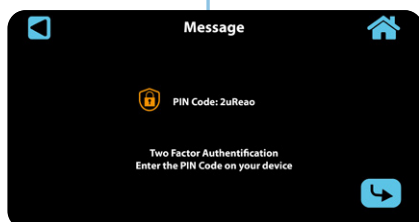


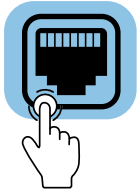


- DE Vor einer App-, oder Netzwerkverbindung, muss am Gerät ein 2 Faktoren Authentifizierungs-PIN Code eingegeben werden.
Dieser Code erscheint auf dem Bildschirm und muss erneut in das Gerät eingegeben werden.
- GB Before an app or network communication starts a 2FA code/pin has to be entered on the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

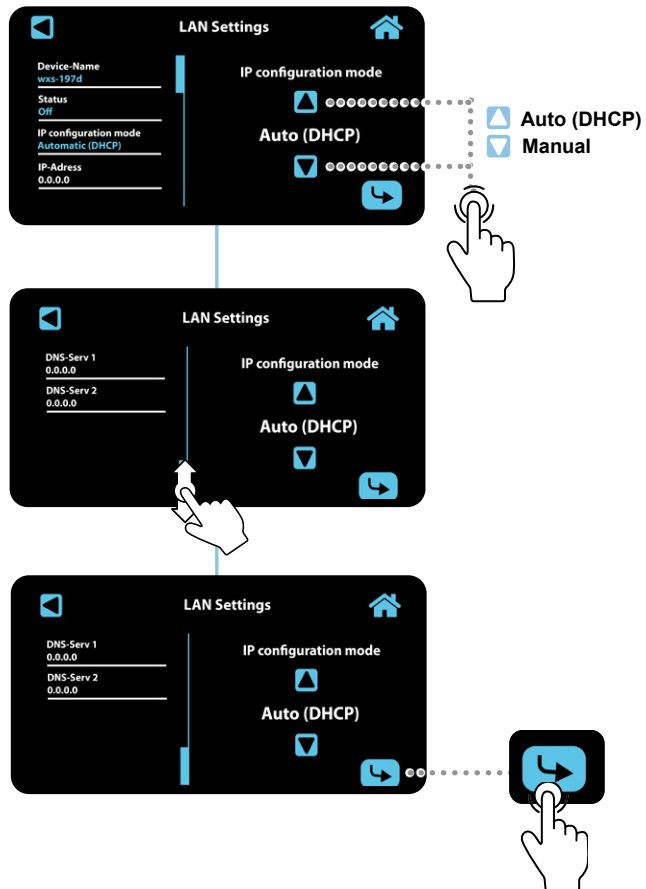


DE 2FA Authentifizierung zur Verbindung mit Weller App
GB 2FA authentication for connection with Weller App.



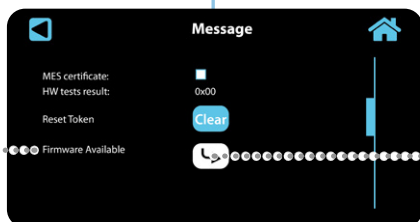


DE Zwischen Automatischem und Manuellem Modus wechseln
GB Switch between automatic and manual mode





DE Rücksetzen der 2FA Authentifizierung
GB Reset 2FA authentication



Firmware Available

Firmware Available

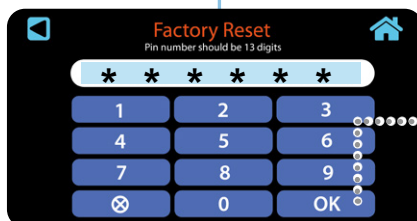
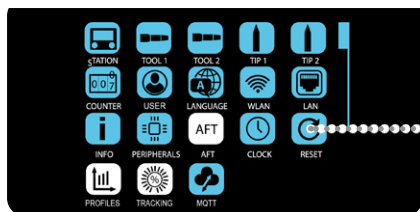


DE Button wird blau wenn USB-Stick mit gültigen Firmenware update file eingesteckt ist -> Bestätigungen um Update durchzuführen

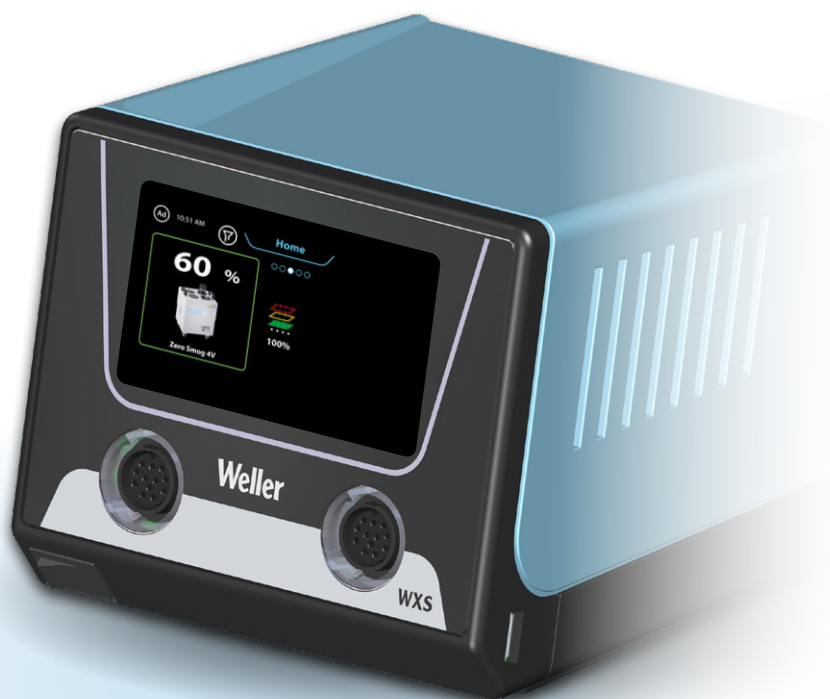
GB Button turns blue when USB stick with valid firmware update file is inserted
-> Confirmations to perform update



DE Auf Werkseinstellungen zurücksetzen
GB Factory Reset

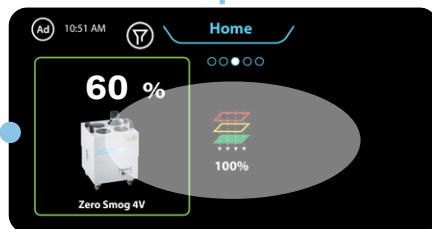
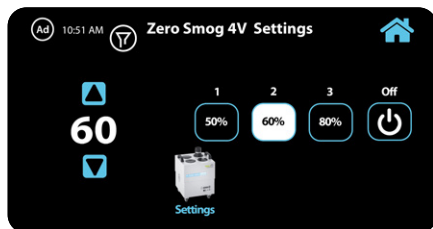
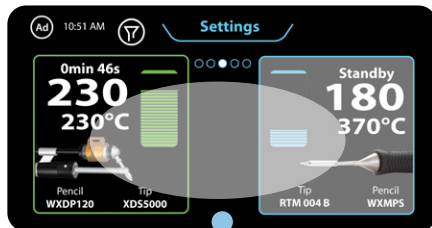


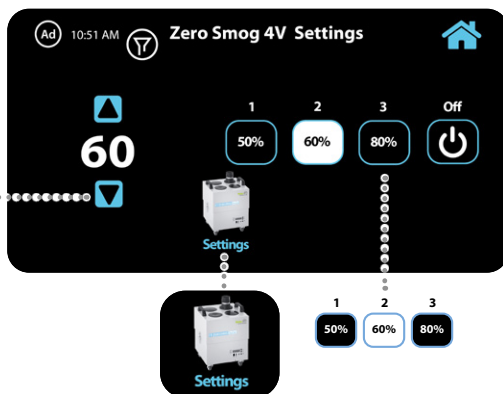
4. Lötrauchabsaugung Fume extraction





4.

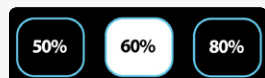




DE Löt Rauchabsaugung
GB Fume Extraction



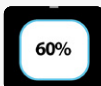
DE Eingestellte Absaugleistung
GB Set suction power



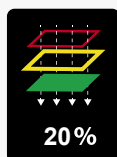
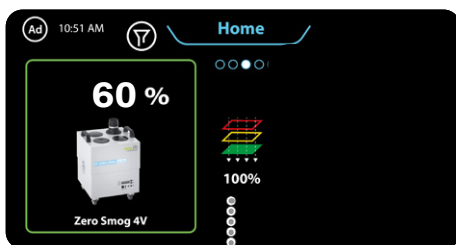
DE voreingestellte Absaugleistungen
(3 Pre-Set Auswahlflächen)
GB Pre-set suction power (3 Pre-set selection areas)



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

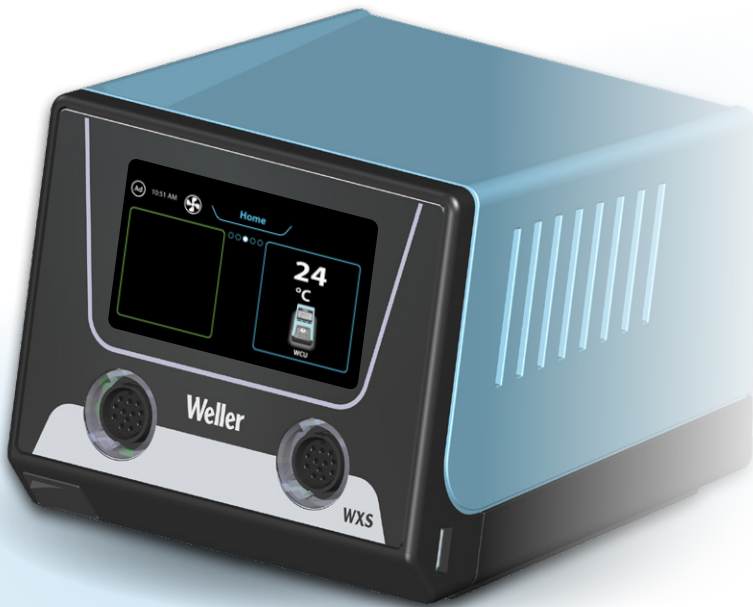


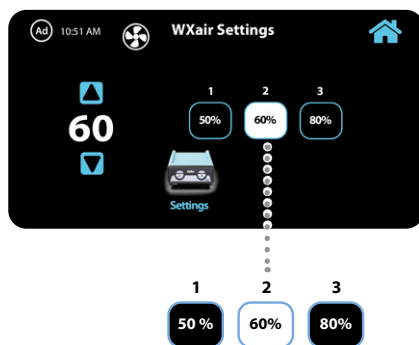
5. WX Air Modul

(Ent- und Heißluftmodul)

WX Air Modul

(Ventilation and hot air module)

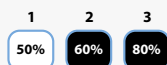
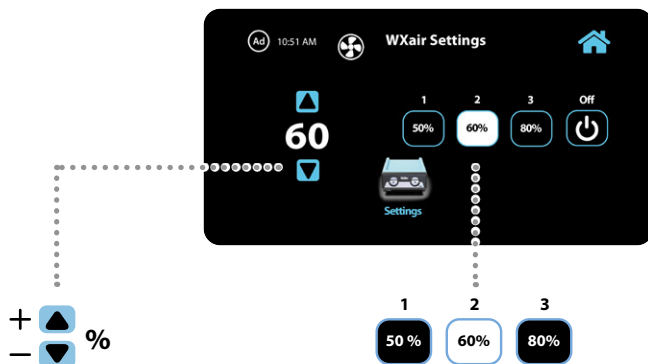




DE Einstellungen: Ent- und Heißluftmodul
GB Settings: ventilation and hot air module



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 Auswahlfläche 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

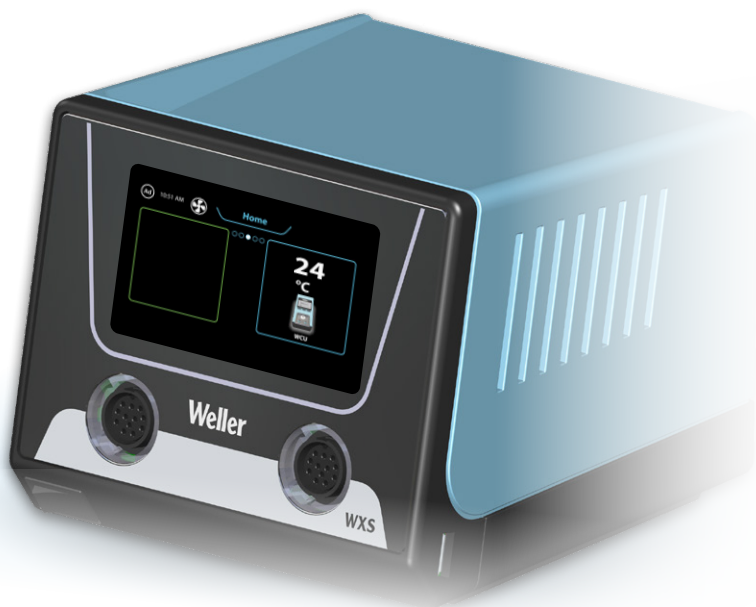
10-100 %

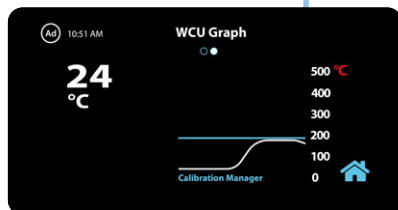
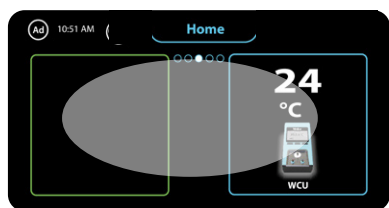
6. WCU

Temperaturmessgerät

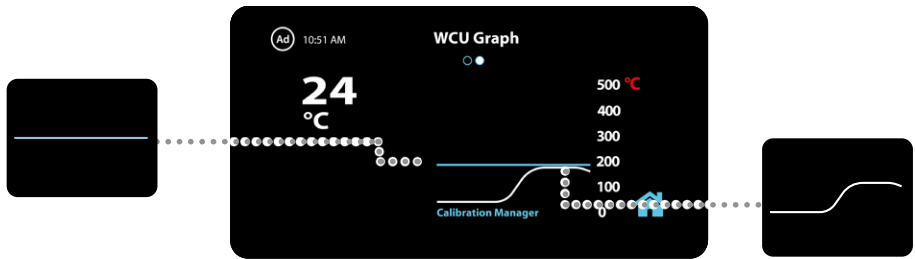
WCU

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)



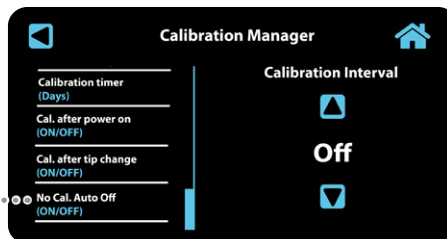
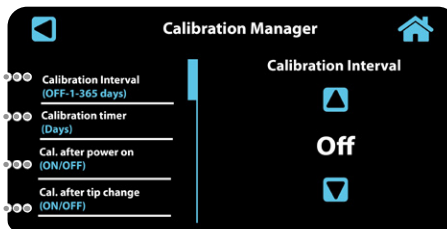
Calibration Interval
(OFF-1-365 days)

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

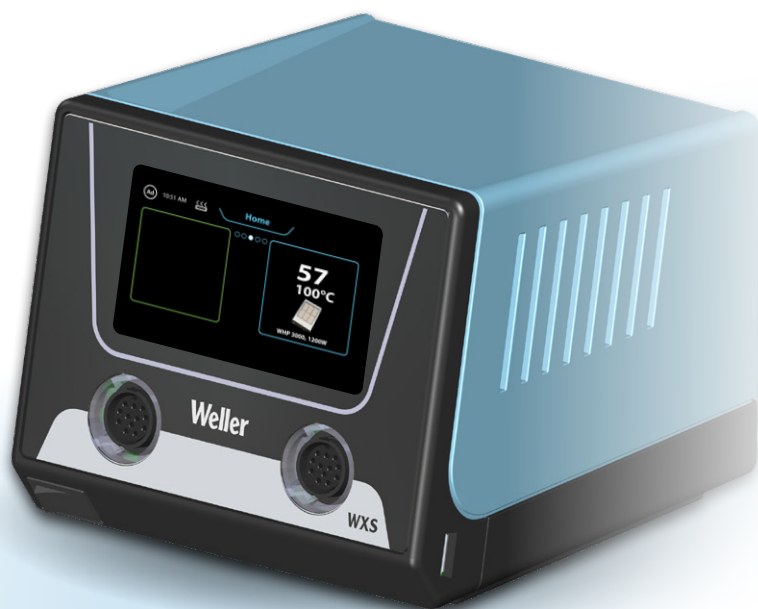
Cal. after tip change
(ON/OFF)

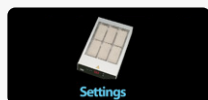
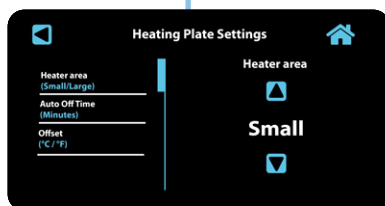
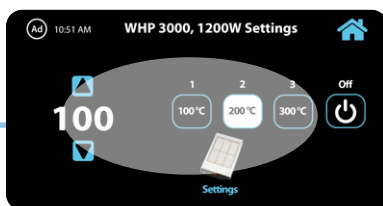
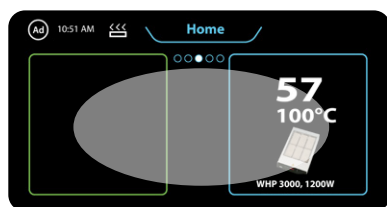
DE Einstellung: Kalibrierung bei Lötspitzenwechsel.
GB Setting: Calibration when changing soldering tips.

No Cal. Auto Off
(ON/OFF)

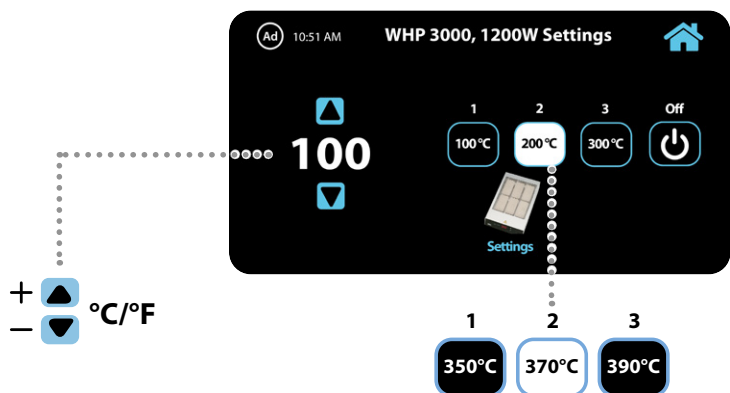
DE Einstellung: Anzahl der Kalibrierungen vor der automatischen Abschaltung
GB Setting: number of Calibrations before Auto Off

7. Vorheizplatten Preheating plates





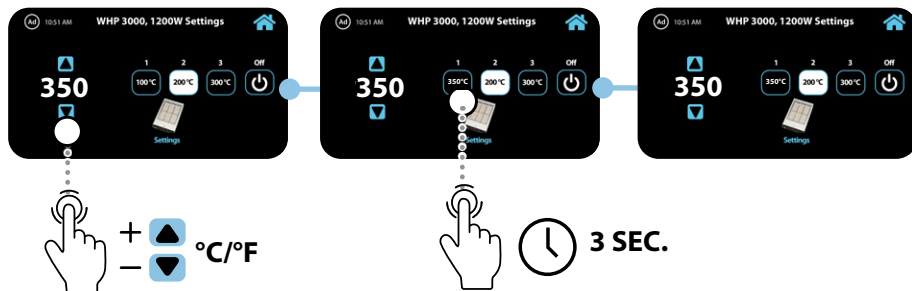
DE Einstellung: Vorheizplatte
GB Setting: preheating plate



DE SOLL Temperatur
GB Target temperature



DE Temperatur einstellen
GB Set temperature

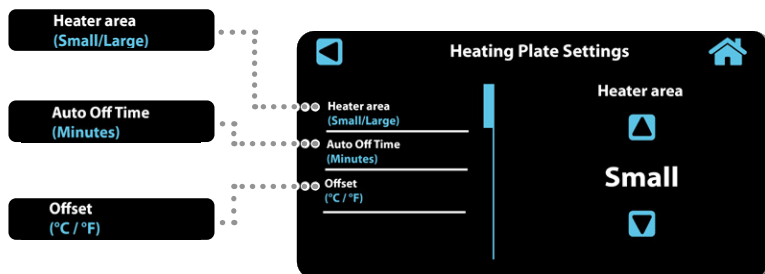


DE Voreingestellte Temperatur ändern:

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

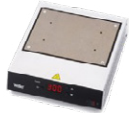
WXP 65, T0052921199N	65 W 24 V - SOLDERING IRON WITH POWER-RESPONSE HEATING TECHNOLOGY For small and medium components with average energy demand.		XNT
WXP 80, T0052920999N	80 W 24 V - SOLDERING IRON WITH SILVER LINE HEATING TECHNOLOGY For medium components with high energy demand.		LT
WXP 90, T0052922599N	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. 40 W, 12 V 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

WXUP MS (MIL SPEC) T0052923399	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.		RTU MS
WXUPS MS (ML SPEC) T0052923399	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.		RTUS MS
WXMT, T0051317899N WXMT MS (MIL SPEC), T0051320899	2 X 40 W - MICRO DESOLDERING TWEEZERS WITH ACTIVE HEATING TECHNOLOGY. For soldering and desoldering. MS version according to Military Standard.		RTW RTW MS

SOLDERING IRONS TO BE USED IN COMBINATION WITH WXair

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

ACCESSOIRES

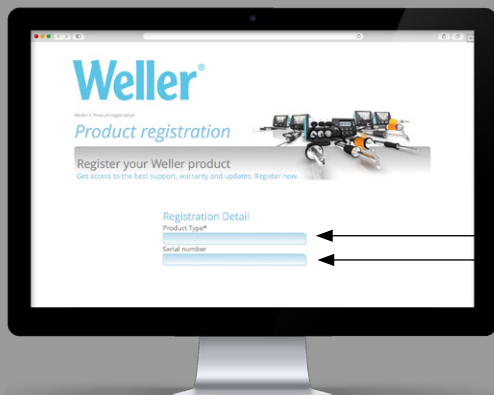
WCU, T0053450199	TEMPERATURE MEASURING DEVICE AND AUTO CALIBRATION UNIT	
WXHP 120, T0052702999N	120 W PREHEATING PLATE	
WHP 1000, T0053364899N (EMEA), WHP1000N (US)	1000 W PREHEATING PLATE	
WHP 3000 600 W T0053338699 (EMEA) WHP3000N (US)	600 W PREHEATING PLATE	
WHP 3000 (1200 W) T0053364699N (EMEA)	1200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

FILTRATION SYSTEMS

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

Product Registration

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



www.weller-tools.com/registration



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