

Weller®



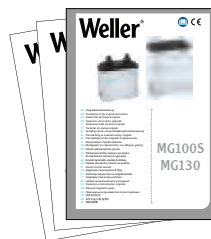
DE Originalbetriebsanleitung
GB Translation of the original instructions
ES Traducción del manual original
FR Traduction de la notice originale
IT Traduzione delle istruzioni originali
PT Tradução do manual original
NL Vertaling van de oorspronkelijke gebruiksaanwijzing
SV Översättning av bruksanvisning i original
DK Oversættelse af den originale brugsanvisning
FI Alkuperäisten ohjeiden käännös
GR Μετάφραση του πρωτοτύπου των οδηγιών χρήσης
TR Orijinal işletme talimatı çevirisi
CZ Překlad původního návodu k používání
PL Tłumaczeniem instrukcji oryginalnej
HU Eredeti használati utasítás fordítása
SK Preklad pôvodného návodu na použitie
SL Prevod izvirnih navodil
EE Algupäraste kasutusjuhendi tõlge
LV Instrukciju tulkojumam no oriģinālvalodas
LT Originalios instrukcijos vertimas
BG превод на оригиналната инструкция
RO Traducere a instructiunilor originale
HR Prijevod originalnih uputa
RU Оригинальное руководство по эксплуатации
CN 原装使用说明
KO 오리지널 사용 설명서
JP 取扱説明書

MG100S

MG130

DE Lieferumfang
GB Included in delivery
ES Piezas suministradas
FR Fourniture
IT Dotazione
PT Fornecimento
NL Omvang van de levering
SV Leveransomfattning
DK Leveringsomfang
FI Toimitussisältö
GR Υλικά παράδοσης
TR Teslimat kapsamı
CZ Rozsah dodávky
PL Zakres dostawy

HU Szállítási terjedelem
SK Rozsah dodávky
SL Obseg pošiljke
EE Tarne sisu
LV Piegādes komplekts
LT Komplektas
BG Обем на доставката
RO Pachetul de livrare
HR Popratna oprema
RU Комплект поставки
CN 供货范围
KO 공급 품목
JP 納入パッケージ内容



33620



MG 130:
T005876272



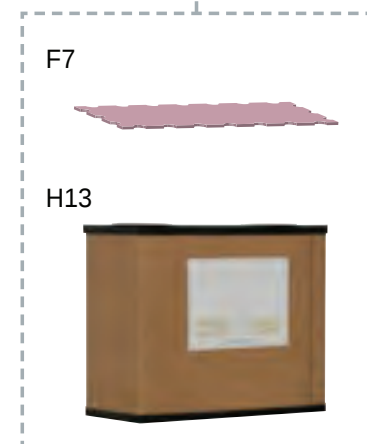
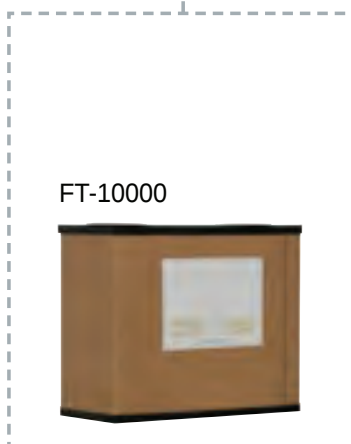
MG100S

100-1000-ESD



MG130

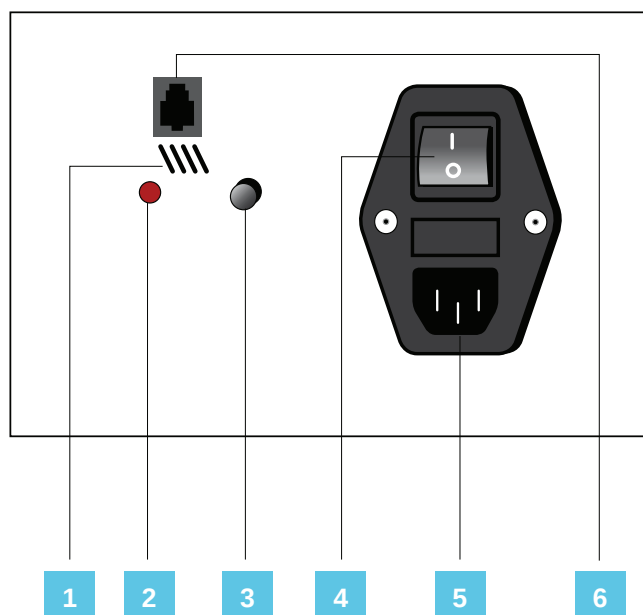
130-1000-ESD



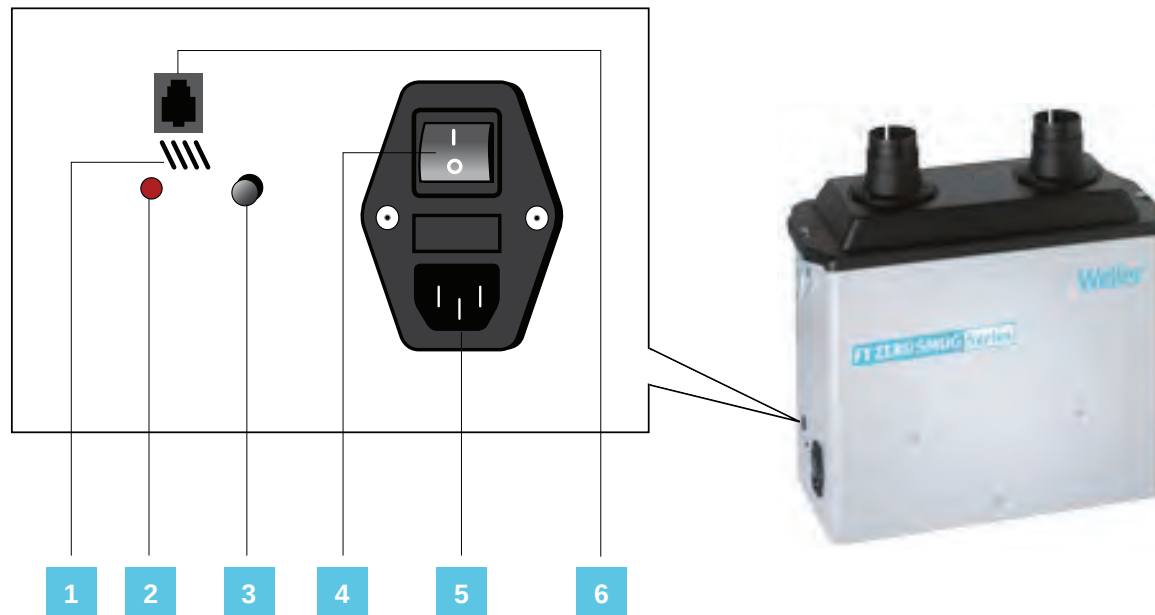
DE Zubehör
GB Accessory
ES Accesorio
FR Accessoires
IT Accessorio
PT Acessório
NL Toebehoren
SV Tillbehör
DK Tilbehør

FI Lisälaite
GR Εξαρτήματα
TR Aksesuar
CZ Příslušenství
PL Wyposażenie
HU Tartozék
SK Príslušenstvo
SL Oprema
EE Tarvikud

LV Piederumi
LT Priedas
BG Принадлежности
RO Accesorii
HR Pribor
RU Принадлежности
CN 配件
KO 액세서리
JP アクセサリー



1	DE Akustisches Signal GB Audible signal ES Señal acústica FR Signal sonore IT Segnale acustico PT Sinal acústico NL Akoestisch signaal	SV Akustisk signal DK Akustisk signal FI Merkkiääni GR Ηχητικό· σήμα TR Akustik sinyal CZ Akustický signál PL Sygnał dźwiękowy	HU hangjelzés SK Akustický signál SL Zvočni signal EE Akustiline signaal LV Akustiskais signāls LT Garsinis signalas BG Акустичен сигнал	RO Semnal acustic HR Akustični signal RU Акустический сигнал CN 声音信号 KO 음향 신호 JP 音響信号
2	DE Filteranzeige GB Filter display ES Indicador de filtro FR Affichage de l'état du filtre IT Indicatore filtro PT Indicação de filtro NL Filterindicatie	SV Filterdisplay DK Filterindikator FI Suodattinäyttö GR Ένδειξη φίλτρου TR Filtre göstergesi CZ Indikátor filtru PL Wskazanie filtra HU Szűrő kijelző	SK Indikátor filtra SL Filtrski indikator EE Roheline filtrinäidik LV Iltra rādītājs LT Filtro indikatorius BG Филтърна индикация RO Indicator de filtru HR Pokaznik za filter	RU Индикация степени загрязненности фильтра CN 过滤器显示 KO 필터 표시 JP フィルターインジケータ
3	DE Alarm-Resetknopf/Einstellknopf GB Alarm reset button//Setting button ES Botón reset para alarma/Botón de ajuste FR Bouton de reset-d'alarme/Bouton de réglage IT Pulsante di reset allarme/Pulsante di regolazione PT Botão de reset de alarme/Botão de ajuste NL Alarmresetknop/Instelknop SV Återställningsknapp för larm/Inställningsknapp DK Alarm-resetknop/Indstillingsknapp	FI Hälytyksen resetointipainike/Säätönappi GR Κουμπί επαναφοράς συναγερμού/Κουμπί ρύθμισης TR Alarm sıfırlama düğmesi/Ayar düğmesi CZ Alarm-tlačítko restart/Nastavovací knoflík PL Przycisk resetowania alarmu/Przycisk ustawień HU Riasztástörölő gomb/Beállítógomb SK Resetovacie tlačidlo alarmu/Nastavovacie tlačidlo SL Gumb za ponastavitev alarma/Nastavitveni gumb EE Alarmi nullimisnupp/Reguleernupp	LV Trauksmes atiestatīšanas poga/lestatīšanas poga LT Aliarmo atkūrimo mygtukas/Nustatymo mygtukas BG Копче за ресет на аларма/Копче за регулиране RO Buton alarmă-resetare/Buton de reglare HR Gumb za poništavanje alarma/Gumb za namještanje RU Кнопка сброса/настройки аварийного сигнала CN 警报-复位按钮/调节旋钮 KO 알람 리셋 버튼/조정 버튼 JP アラームリセットボタン/調整ボタン	



4

DE Ein- und Ausschalter

GB On/Off switch

ES Encendido y apagado

FR Bouton de marche et d'arrêt

IT Interruttore On/Off

PT Interruptor de ligar e desligar

NL In- en uitschakelaar

SV Strömbrytare på/av

DK Tænd/sluk-knap

FI Tämän yhteydessä näytöön tulee hetkeksi asetettu ohjearvo.

GR Διακόπτης On-Off

TR Açma / kapatma şalteri

CZ Spínač zapnutí a vypnutí

PL Włącznik i wyłącznik

HU Be- és kikapcsoló gomb

SK Zapínacie a vypínacie tlačidlo

SL Stikalo za vklop/izklop

EE Sisse- ja väljalülitamise nupp

LV Leslēgšanas un izslēgšanas slēdzis

LT Įjungimo ir išjungimo mygtukas

BG Включване и изключване

RO Comutator pornire și oprire

HR Sklopka za uključivanje i isključivanje

RU Переключатель включения/выключения

CN 接通和切断开关

KO 전원 스위치

JP オン/オフスイッチ

5

DE Stromanschluss

GB Connection to power supply

ES Toma de corriente

FR Connexion électrique

IT Collegamento alimentazione

PT Ligaçã de corrente

NL Stroomaansluiting

SV Strömanslutning

DK Strømtilslutning

FI Virtaliitäntä

GR Σύνδεση πρέματος

TR Elektrik bağılantısı

CZ Připojka el. proudu

PL Przyłącze elektryczne

HU Áramcsatlakozó

SK Elektrická prípojka

SL Električni priključek

EE Toiteühendus

LV Strāvas pieslēgšanas ports

LT El. srovės prijungimo jungtis

BG Присъединяване към източник на ток

RO Racord de curent

HR Priključak struje

RU Разъем питания

CN 电源接口

KO 전원 연결

JP 電源接続部

6

DE Schnittstelle

GB Interface

ES Interfaz

FR Interface

IT Interfaccia

PT Interface

NL Interface

SV Gränssnitt

DK Interface

FI Liittymä

GR Θύρα διεπαφής

TR Arabirim

CZ Rozhraní

PL Interfejs

HU Interfész

SK Rozhranie

SL Vmesnik

EE Liides

LV Saskaņe

LT Sąsaja

BG Интерфейс

RO Interfață

HR Sučelje

RU Интерфейс

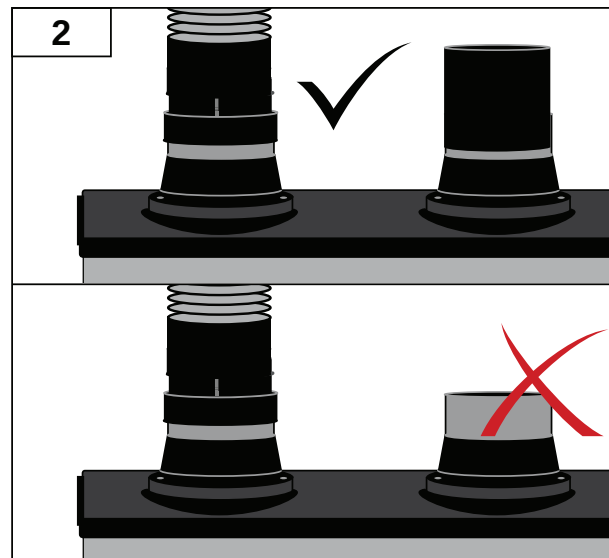
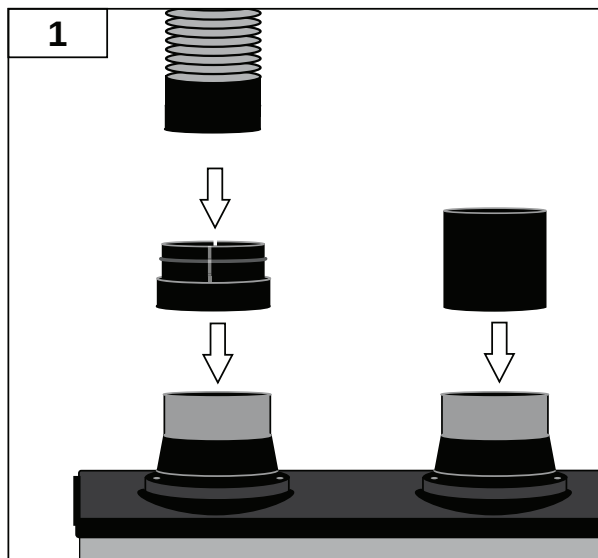
CN 接口

KO 인터페이스

JP インターフェース

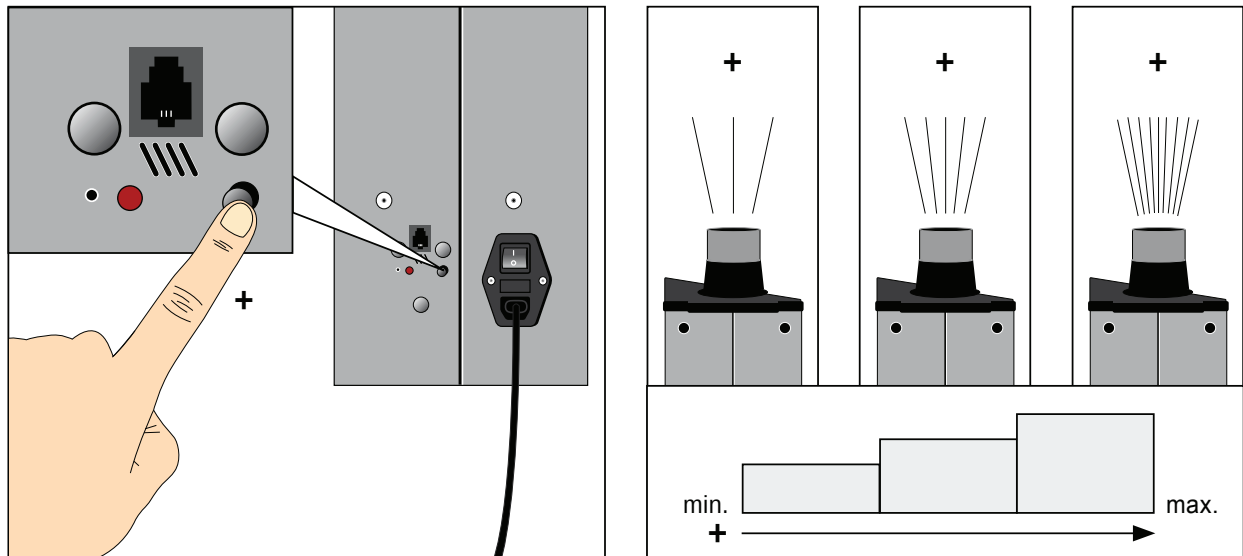
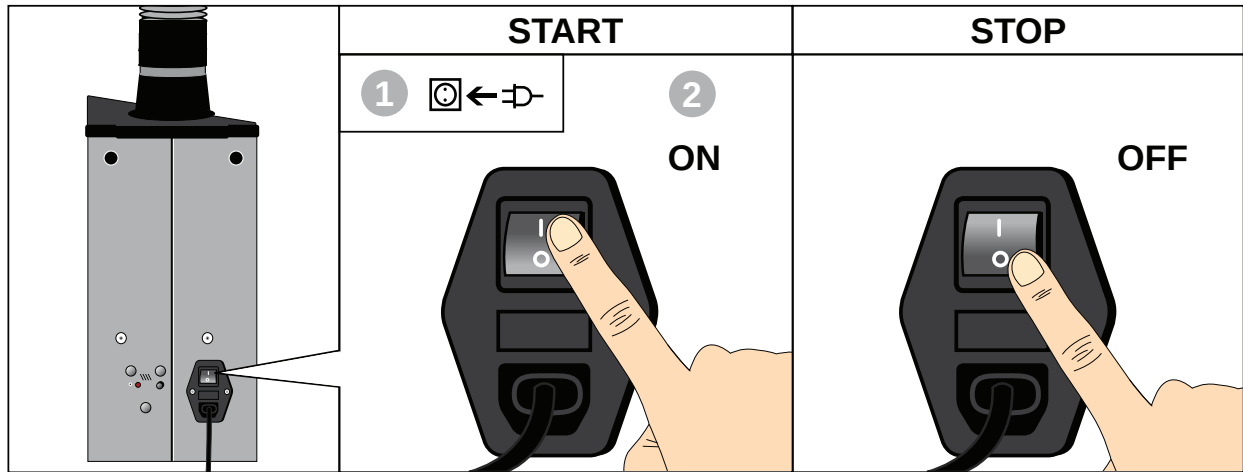
DE Inbetriebnahme
GB Starting up the device
ES Puesta en servicio del aparato
FR Mise en service de l'appareil
IT Messa in funzione dell'apparecchio
PT Colocação do aparelho em serviço
NL Toestel in gebruik nemen
SV Ta lödstationen i drift
DK Ibrugtagning af apparatet
FI Laitteen käyttöönotto
GR Θέση της συσκευής σε λειτουργία
TR Cihazı işletime alma
CZ Uvedení zařízení do provozu
PL Uruchamianie urządzenia

HU A készülék üzembe helyezése
SK Uvedenie zariadenia do prevádzky
SL Začetek dela z napravo
EE Seadme kasutuselevõtt
LV Iekārtas lietošanas sākšana
LT Prietaiso paruošimas eksploatuoti
BG Включване на уреда
RO Punerea în funcțiune a aparatului
HR Uređaj pustiti u rad
RU Ввод устройства в эксплуатацию
CN 调试
KO 시스템 가동
JP 運転開始



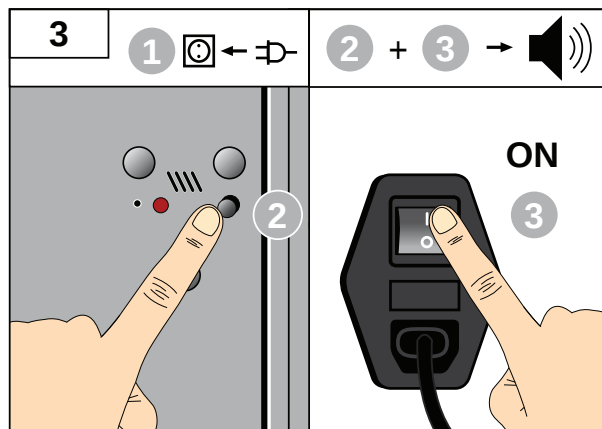
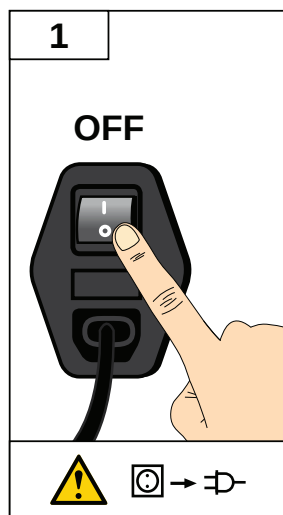
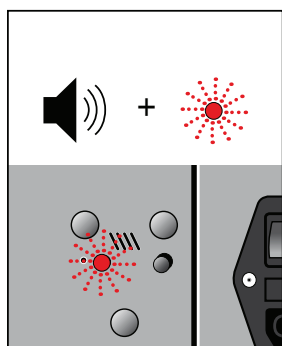
DE Betrieb
GB Operation
ES Operação
FR Fonctionnement
IT Esercizio
PT Operação
NL Gebruik
SV Drift
DK Funktion
FI Käyttö
GR Λειτουργία
TR Operasyon
CZ Provoz
PL Operacja

HU Üzemeltetés
SK Prevádzka
SL Delovanje
EE Operatsioon
LV Darbība
LT Operacija
BG Работа
RO Funcționarea
HR Operativni rad
RU Эксплуатация
CN 运行
KO 작동
JP 運転



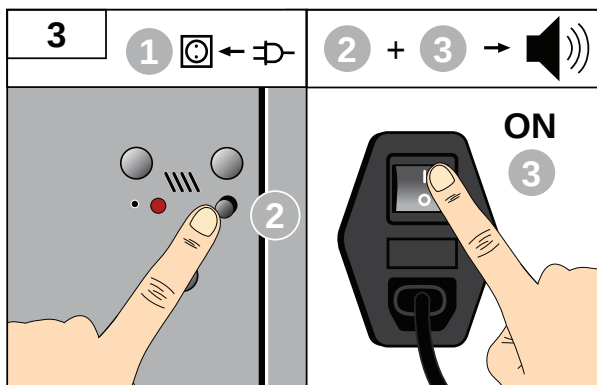
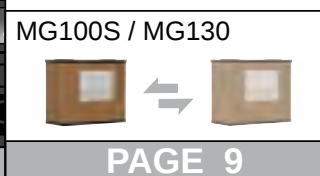
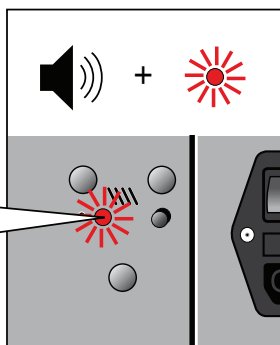
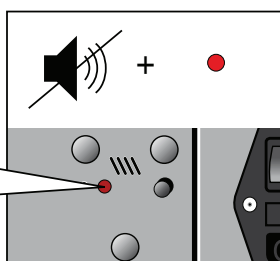
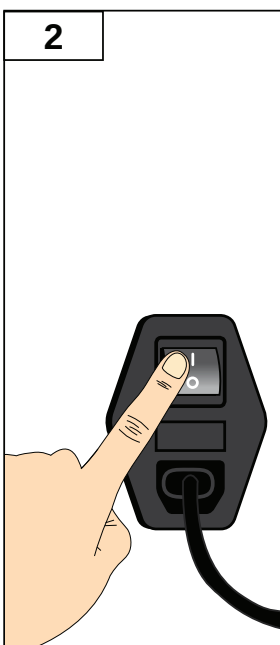
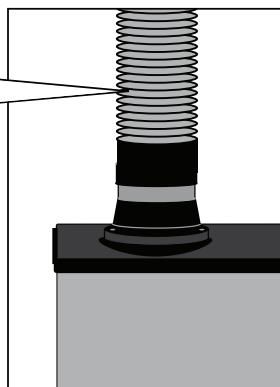
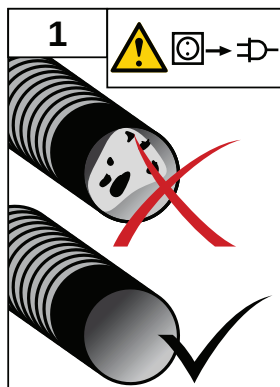
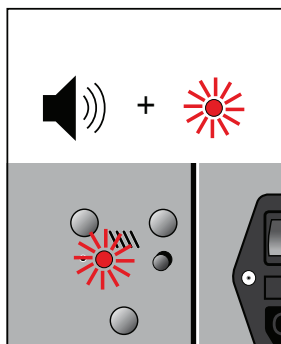
DE Filteranzeige Laufzeit
GB Operating time filter display
ES Indicador de filtro Duración
FR Affichage du filtre durée
IT Indicatore filtro Autonomia
PT Indicação de filtro Tempo de serviço
NL Filterindicatie looptijd
SV Filterdisplay körtid
DK Filterindikatorens driftstid
FI Käyttöajan suodatinnäyttö
GR Ένδειξη φίλτρου Χρόνος λειτουργίας
TR Çalışma süresi filtre göstergesi
CZ Indikace filtru Doba běhu
PL Wskaźnik filtra czas eksploatacji

HU Futásidő szűrőkijelzőt
SK Filtr dobu chodu
SL Filtrski indikator časa delovanja
EE Filtrinäidik - tööaeg
LV Filtra rādītāju „darbības laiks”
LT „Filtro indikatoriaus veikimo laikas”
BG Филтърна индикация, срок на работа
RO Indicatorul filtrului pentru timpul de funcționare
HR Indikator filtra za trajanje
RU Индикация степени загрязненности
фильтра Срок службы
CN 筛选显示 运行时间
KO 필터 표시 작동 시간
JP フィルター表示 作動時間



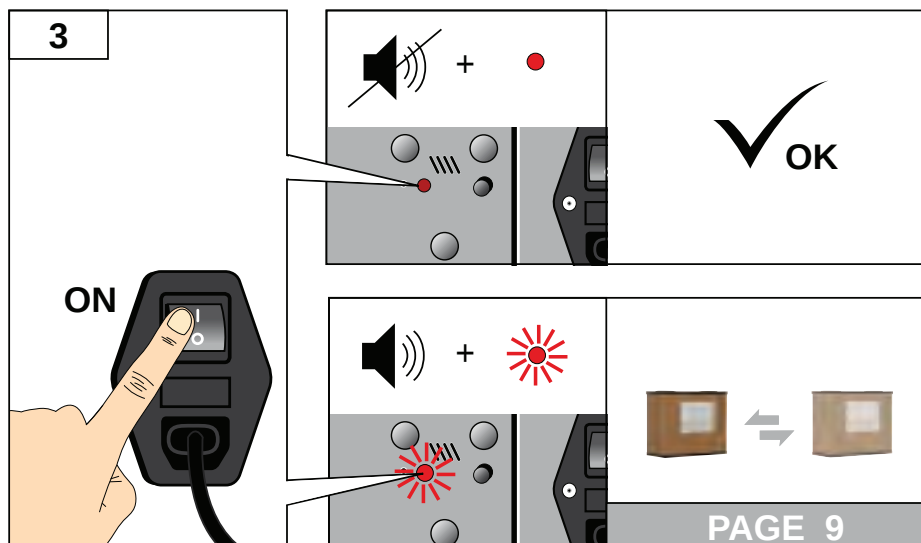
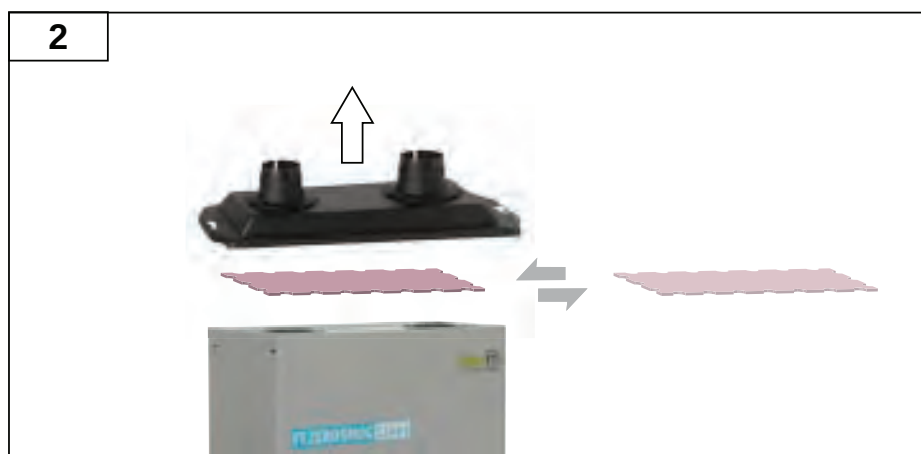
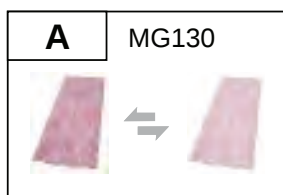
DE Filteranzeige Absaugleistung
GB Extraction capacity filter display
ES Indicador de filtro Potencia
FR Affichage du filtre capacité d'aspiration
IT Indicatore filtro Potenza di aspirazione
PT Indicação de filtro Capacidade de aspiração
NL Filterindicatie afzuigvermogen
SV Filterdisplay utsugseffekt
DK Filterindikatorens udsugningseffekt
FI Imutehon suodatinnäyttö
GR Ένδειξη φίλτρου Ισχύς αναρρόφησης
TR Emiş gücü filtre göstergesi
CZ Indikace filtru Odsávací výkon
PL Wskaźnik filtra wydajność odsysania

HU Az elszívási teljesítmény szűrőkijelzőt
SK Výkon odsávania na indikátore filtra
SL Filtrski indikator sesalne moči
EE Filtrinäidik - imivõimsus
LV Filtra rādītumu „nosūkšanas jauda”
LT „Siurbimo galios filtro indikatorius”
BG Филтърна индикация, аспирационна мощност
RO Indicatorul filtrului pentru puterea de aspirare
HR Indikator filtra za usisni učinak
RU Индикация степени загрязненности
фильтра Мощность всасывания
CN 筛选显示 抽吸功率
KO 필터 표시 작동 흡인력
JP フィルター 表示 吸引力



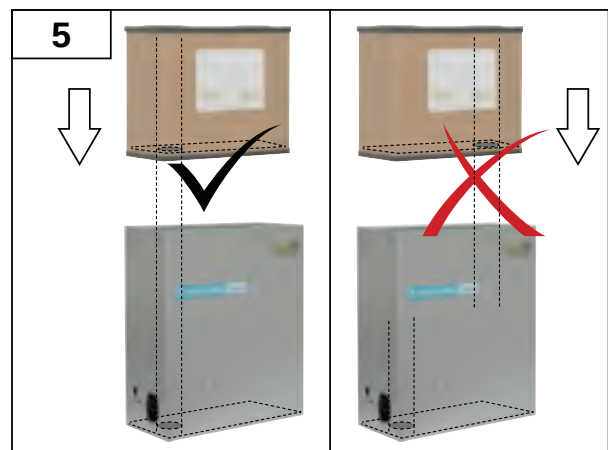
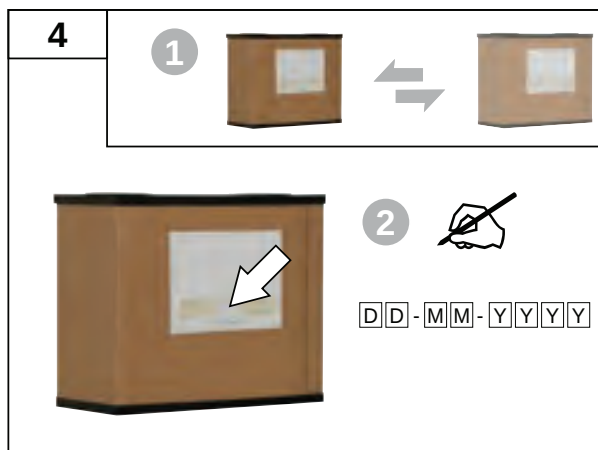
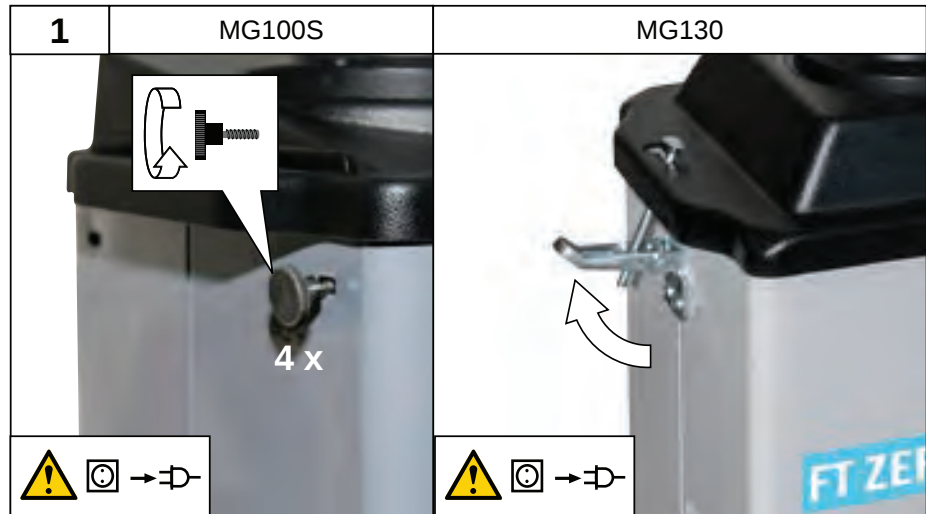
DE Vorfilter wechseln
 GB Change the prefilter
 ES Cambiar el pre-filtro
 FR Remplacer le préfiltre
 IT Sostituire il prefiltro
 PT Trocar o pré-filtro
 NL Wisselen de voorfilter
 SV Byt förfilter
 DK Skift forfiltret
 FI Vaihda esisuodatin
 GR Αλλαγή προφίλτρο
 TR Değiştirilmesi Ön filtrenin
 CZ Výměna předfiltr
 PL Wymiana filtra wstępno

HU Cseréje előszűrőt a berendezésbe
 SK Výmena predradeného filtra
 SL Menjava predfilter
 EE Eelfilter vahetamine
 LV Priekšfiltru nomaiņa
 LT Pirminio valymo filtrą keitimas
 BG Смяна предфилтър
 RO Schimbarea prefiltrul
 HR Mijenjati predfilter
 RU Поменять фильтр предварительной очистки
 CN 更换预滤清器
 KO 프리필터 교체
 JP プレフィルター交換



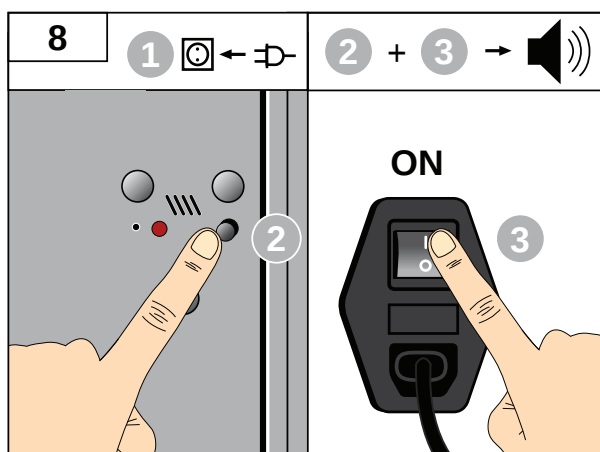
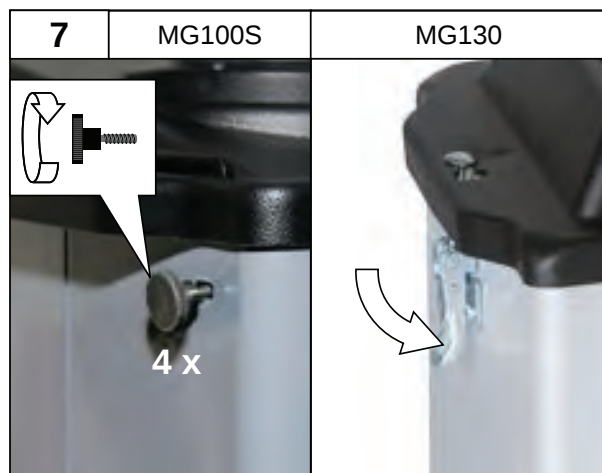
DE Hauptfilter wechseln
 GB Change the main filter
 ES Cambiar el filtro principal
 FR Remplacer le filtre principal
 IT Sostituire il filtro principale
 PT Trocar o filtro principal
 NL Wisselen de Hoofdfilter
 SV Byt huvudfiltret
 DK Skift hovedfiltret
 FI Vaihda pääsuodatin
 GR Αλλαγή Κύριου φίλτρου
 TR Değiştirilmesi ana filtre
 CZ Výměna hlavní filtr
 PL Wymiana filtr główny

HU Cserélje ki a fő szűrőt
 SK Výmena hlavný filter
 SL Menjava glavni filter
 EE Peafilter vahetamine
 LV Galvenais filtrs nomaiņa
 LT Pagrindinis filtras keitimas
 BG Смяна главният филтър
 RO Schimbarea filtrul principal
 HR Mijenjati glavni filter
 RU Поменять основной фильтр
 CN 更换主滤器
 KO 메인필터 교체
 JP メインフィルター交換



DE Hauptfilter wechseln
 GB Change the main filter
 ES Cambiar el filtro principal
 FR Remplacer le filtre principal
 IT Sostituire il filtro principale
 PT Trocar o filtro principal
 NL Wisselen de Hoofdfilter
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 TR Değiştirilmesi ana filtre
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HU Cserélje ki a fő szűrőt
 SK Výmena hlavný filter
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 LV Galvenais filtrs nomaiņa
 LT Pagrindinis filtras keitimas
 BG Смяна главният филтър
 RO Schimbarea filtrul principal
 HR Mijenjati glavni filter
 RU Поменять основной фильтр
 CN 更换主过滤器
 KO 메인필터 교체
 JP メインフィルター交換





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

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

Safety information

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

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

⚠ WARNING

Electrical shock

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

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

⚠ WARNING

Danger of asphyxiation, Danger of poisoning

Improper installation can result in above-normal workplace concentrations

- Measure the workplace concentration upon completion of installation work

Inappropriate maintenance cycles for gas media may result in above-normal workplace concentrations

- Specify maintenance cycle

Above-normal contamination levels in the ambient air during cleaning work on the pipe system/extraction area

- If suction capacity is impaired by build-up within the pipe system, replace the contaminated parts

A saturated activated carbon filter will not be able to capture harmful substances. The harmful substances will be released back into the environment unfiltered.

- Observe the recommended filter replacement intervals.

High concentrations of harmful gases can lead to overheating of the activated carbon and possibly trigger spontaneous combustion of the filter.

- Run the unit on clean air for several minutes before switching off.

Specified Conditions Of Use

This filtration system is suitable for the extraction and filtration of particles and gases, depending on the filter medium used.

This device may only be used at room temperature and indoors.

The unit is designed for use as a surface extraction unit and is not suitable for extracting fumes directly from the soldering gun.

⚠ WARNING

Danger of asphyxiation, Danger of poisoning

Improper use may result in respiratory problems, asphyxiation, poisoning or cancer

- Particles and gases which are unsuitable for the filter medium in use may not be extracted.
- Liquids and flammable gases may not be extracted
- Never use the device without a filter or with a full filter.
- Never use the device without the fan cover

▲ WARNING**Fire and explosion hazard!**

The unit is not permitted to be used for the extraction of inflammable gases.

The unit must not be exposed to temperatures above 50°C, naked flame or condensed solvents.

The organisation operating the unit is responsible for the observance of the legal limits for noxious substances at the place of work.

The filtration system may only be put into operation if it is in perfect working order.

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

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

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

User groups

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

Work step	User groups
Installation of complex pipe systems with multiple extractor arms connected	Specialist personnel with technical training Technical trainees under the guidance and supervision of a trained expert
Replacing electrical replacement parts	Electricians Technical trainees under the guidance and supervision of a trained expert
Specification of maintenance intervals	Safety expert
Operation Filter change	Non-specialists

Operation**Notice**

The unit may emit dust from the main filter after transportation. Make sure that the unit is put into service in a suitable room.

▲ CAUTION

A high noxious gas concentration will cause the activated charcoal to heat up. To avoid overheating, the unit should be run without noxious gases for several minutes before switching off.

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

Please adhere to the operating instructions of the connected devices.

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

Make sure the machine is switched off before plugging in.

Optimal gas filtration is achieved as follows:

Temperature of process air in gas filter < 38 °C

Relative humidity < 60 %

Gas molecules > 30 g/mol (better filtration results are achieved with larger molecules)

Boiling point of the gas molecules > 0 °C

Care and maintenance**▲ WARNING**

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

The unit must not be altered or modified in any way!

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



Use original replacement parts only.

Filter change

MIN 1x



The normal service life of a main filter in the electronics industry is 1500 hours.

The main filter should be changed at least once a year in order to ensure proper gas separation.

An alarm sounds and the red warning light flashes:

Recommended service life of filter has expired.

Indicates that the filter needs changing. Reset the alarm with the reset function on the control panel and schedule a filter change.

An alarm sounds and the red warning light is lit continuously:

Extraction capacity is too low.

Switch off the filter unit. Check the nozzles and tubes, and clean them if necessary. If the alarm sounds again the next time the unit is turned on, the filter must be changed.

If no action is taken, the filter unit will cut out after five minutes in order to avoid overheating.

When changing the main filter the filtration time can be reset as follows:

Keep the reset button pressed and, at the same time, turn on the switch until a signal sounds.

Cleaning

To ensure that the unit functions properly, the nozzle, extractor arm and connecting hose must be cleaned on a regular basis.

Warranty

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

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

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

Subject to technical alterations and amendments.

For more information please visit

Error messages and error clearance

Message/symptom	Possible cause	Remedial measures
■ Extraction power missing	■ Pipe system leaking	■ Reseal the pipe system
	■ Filter is dirty	■ change the filter
	■ Turbine speed too low	■ Increase the speed setting only MG100S
■ Loud extraction noises	■ Air speed through extractionarm is too high speed	■ Reduce the air speed (reduce air quantity) only MG100S
■ Unit is not running	■ Thermally switched off	■ Leave the unit to cool down. Switch on again after approx. 3 hours.
■ Device does not work	■ Fuse is blown	
	■ Unit is not properly connected	■ Check the electrical connections



Technical Data

Solder fume extraction		MG100S	MG130
Dimensions L x W x H	mm inch	460 x 210 x 640 18,1 x 8,3 x 25,2	460x 210 x 500 18,11 x 8,26 x 19,68
Weight	kg	15	11
Max. extraction capacity	m³/h (CFM)	100 (58,8)	100 (58,8)
Compressor performance	m³/h (CFM)	140 (82,3)	140 (82,3)
Rated power consumption	W	100	100
Rated voltage	V/Hz	240 / 50	100-240 / 50-60
Glass tube fuse (5 x 20)	AT (V)	2 x 6,3 (250)	2 x 6,3 (250)
Operating sound level from 1 m distance	dB(A)	< 52	< 54
Combined filter		Particle filter H13 + Gas filter (50 % Activated carbon + 50 % Chemisorb)	
Interface		The full range of system functions can be operated and remotely monitored via the interface using an optional interface adaptor.	

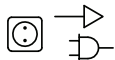
Symbols



Caution!



Read the operating instructions!



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



ESD-compatible design and ESD-compatible workstation



CE mark of conformity



Disposal

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

Contaminated filters must be treated as special waste.

Dispose of replaced equipment parts, filters or old devices in accordance with the rules and regulations applicable in your country.

We hereby declare that the products described herein comply with the following guidelines:

2014/35/EU, 2014/30/EU, 2011/65/EU (RoHS)

Applied harmonised standards:

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



Besigheim, 2014-10-14

T. Fischer

T. Fischer
Technical director

B. Frühwald

B. Frühwald
Managing director

Authorised to compile technical documentation.

Weller Tools GmbH
Carl-Benz-Straße 2, 74354 Besigheim, Germany

Original declaration of conformity

Solder fume extraction

MG100S, MG130



DE Zubehör
GB Accessory
ES Accesorio
FR Accessoires
IT Accessorio
PT Acessório
NL Toebehoren
SV Tillbehör
DK Tilbehør
FI Lisälaite

GR Εξαρτήματα
TR Aksesuar
CZ Příslušenství
PL Wyposażenie
HU Tartozékok
SK Príslušenstvo
SL Oprema
EE Tarvikud
LV Piederumi
LT Priedas

HR Pribor
BG Принадлежности
RO Accesorii
HR Pribor
RU Принадлежности
CN 配件
KO 액세서리
JP アクセサリー

MG100S



FT-10000



780-3001-ESD



700-3058



700-3070

MG130



0F10



FT-NL



ALFA

Easy-Click 60



Ø 75 -> Ø 60
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T0053657699



T0058762769



T0058762755



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T0053657399



T0053657899



T0058762750



T0053657499



T0058762774



T0053657799



T0053658099



T0058762768



T0058762772



T0058762766