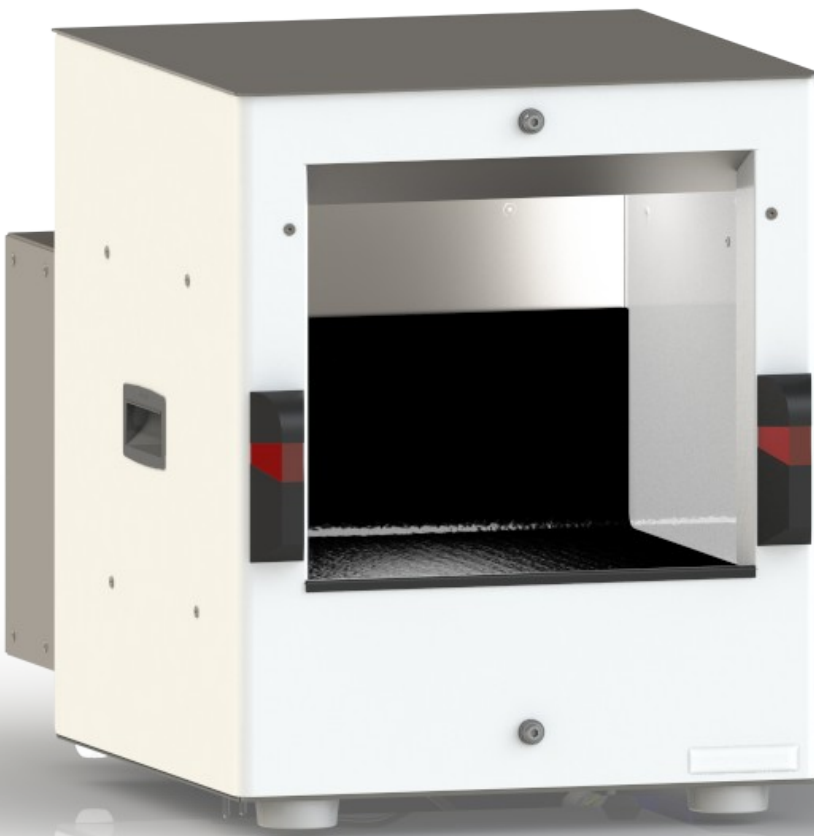


# Steam Box

Cleaning cabin  
for workpieces



USER MANUAL

**Dear customer,**

Thank you for choosing a product from the Wassermann range. Wassermann Dental-Maschinen incorporates the highest standards of quality and the latest technology. In order to enjoy maximum performance and years of trouble-free operation, please read this user manual carefully before you connect this device and start work, and operate the device according to the recommended guidelines. The operation safety and the functionality of this device can only be guaranteed if you follow both the general safety guidelines and the applying laws to prevent accidents as well as the precautions given in this user manual. We are not liable for any damages which occur due to inappropriate usage or faulty operation of this device.



Make sure that anyone using this device has read and understood this user manual.

Keep this user manual in a safe place where it can be referred to as required at any time.



The unit complies with the relevant EU guidelines.



The unit is subject to the EU guidelines 2012/19/EU (WEEE Directive).

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## 1 Features

- Compact cleaning cabin for steam cleaning of workpieces
- Generous working opening (W= 285 mm, H= 235 mm)
- Quick steam extraction through powerful fan with run-on control
- Fan control selectable between continuous operation and automatic mode
- Automatic fan operation selectable via foot pedal or hand sensor control
- Extracted steam condenses using a floor filter, with the chassis floor serving as a collecting tray
- This condensate drain tray can be emptied using the ball valve on the side
- With practical grip plates: The work cabin can be quickly dismantled to clean the condensate drain tray
- Separate protective filter in front of the fan
- Pleasant workspace illumination with LED light
- Almost entirely made of stainless steel
- Low-maintenance, easy to clean and care

## 2 Safety Symbols used in this Manual



### **Warning!**

This is a warning of risk situations and dangers.

Failure to observe this warning could be life-threatening.

These warnings has to be observed.



### **Information!**

This symbol draws your attention to specific features that has to be observed.

### 3 Safety Guidelines

Configuring and operating this equipment requires **precise knowledge** and **observance** of the instructions in this **user manual**. The equipment is designed only for its intended application.



**WARNING:**

Servicing and repairs should be carried out only by authorised specialists.  
Disconnect the power plug before starting any maintenance work.



Make sure that the equipment is connected to the correct power source.



In automatic mode, the fan has a run-on control, i.e. when the fan is switched off using the foot pedal or hand sensor control, it continues to run for a few seconds.



Depending on the intensity of work, the water should be drained from the collecting tray via the ball valve, because the capacity is limited.

### 4 Responsibility for Operation or Damage

The responsibility for operating the device lies exclusively with the owner or user if said device is incorrectly serviced, maintained or altered by persons not employed by an authorised dealer or if the device is used in a manner contrary to its specified purpose.

The unit has to be maintained and operated in accordance with this user manual.

Wassermann Dental-Maschinen GmbH is not responsible for damage arising from the **nonobservance** of these instructions.

Warranty and responsibility provisions contained in the sales and supply conditions of Wassermann Dental-Maschinen GmbH are not extended by these instructions.

## 5 Application

The **Steam Box** is a compact work cabin for cleaning workpieces with steam. It is designed for the cleaning of small parts up to hand-sized parts.

A powerful fan, which quickly extracts the steam via a floor filter, and work area illumination with LED light ensure optimum visibility when working.

Only use the device for this type of application.

## 6 Before Starting

### 6.1 Transport

Before transporting the unit, ensure that it has been unplugged from the power socket. Make sure that it is packed correctly in order to avoid accidental damage.



Be sure to check for any transport damage when unpacking the goods. Note down any damage if found.

### 6.2 Installation

Open the box, remove the packing materials, and carefully lift out the device and accessories. Check the included accessories.

The unit has to stand horizontally on a steady and even surface.



Install the device in a place where it will not block the working area and the functionality (take the dimensions into account).



Do not install the unit outdoors or in places without proper ventilation. Before start-up, be sure the device reaches room temperature.

## 6.3 Storage

The unit location is very important when it comes to workplace safety, even if it is only to be set up there for a short period. The room should be dry, well ventilated and vibration-free. An even temperature and wooden supports also help. The unit should not be stored or set up outdoors. If the unit is to be stored for an extended period, protect it from moisture and dust.

## 7 Installation/ Start-up

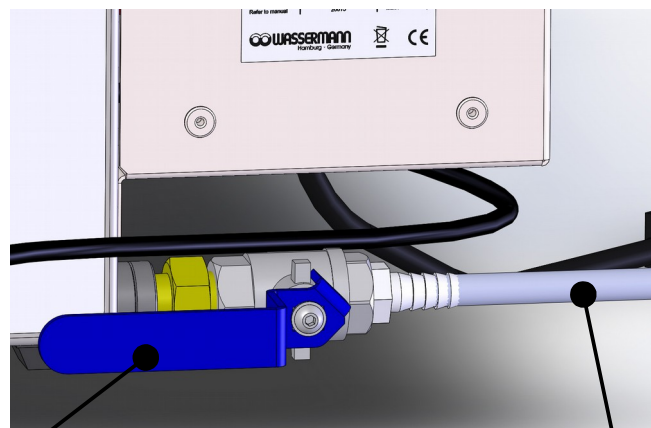


**Before** starting the unit, connect up the following:

Install the drain hose included in delivery and provide a suitable drainage facility.



Note: For easier assembly of the hose, the hose connector should be coated thinly with soft soap or washing-up liquid.



ball valve (horizontal = open)

ball valve (vertical = closed)

drain hose

## 7.1 Start-up



Before first usage of the cleaning cabin, please completely remove all accessories and the packaging material.

Before using the cleaning cabin, select the fan operating mode, i.e. whether the fan is always switched on (continuous operation) or only when working (automatic mode). In the automatic version you can choose between hand sensor and foot pedal control. If you choose the foot pedal version, place the foot pedal in a position that is comfortable for you.



When switching the selector button to footswitch mode, only the footswitch is active, the hand sensors are switched off.

The foot switch cannot be switched off. Working with the foot switch is also possible in hand sensor mode.



When walking past the unit, the automatic manual sensor control may cause the fan to function unintentionally.

This is technically due to the set sensor detection range.

If the fan starts up too often unintentionally due to the space available, this can be switched off by switching the fan to foot pedal operation or, in the case of a longer break from work, by turning off the green main switch.

**Finally**, insert the power plug into the socket, making sure that the mains and the unit operate on the same voltage.



## 8 Operation

### 8.1 General Operating Instructions

All instructions for using the unit, whether in verbal or written form, are based on our own experience and experimentation and can only be regarded as guidelines.



Use heat-resistant gloves or holding tools for the parts to be cleaned.



If the unit is not used for a longer period of time, the mains plug should be pulled out.



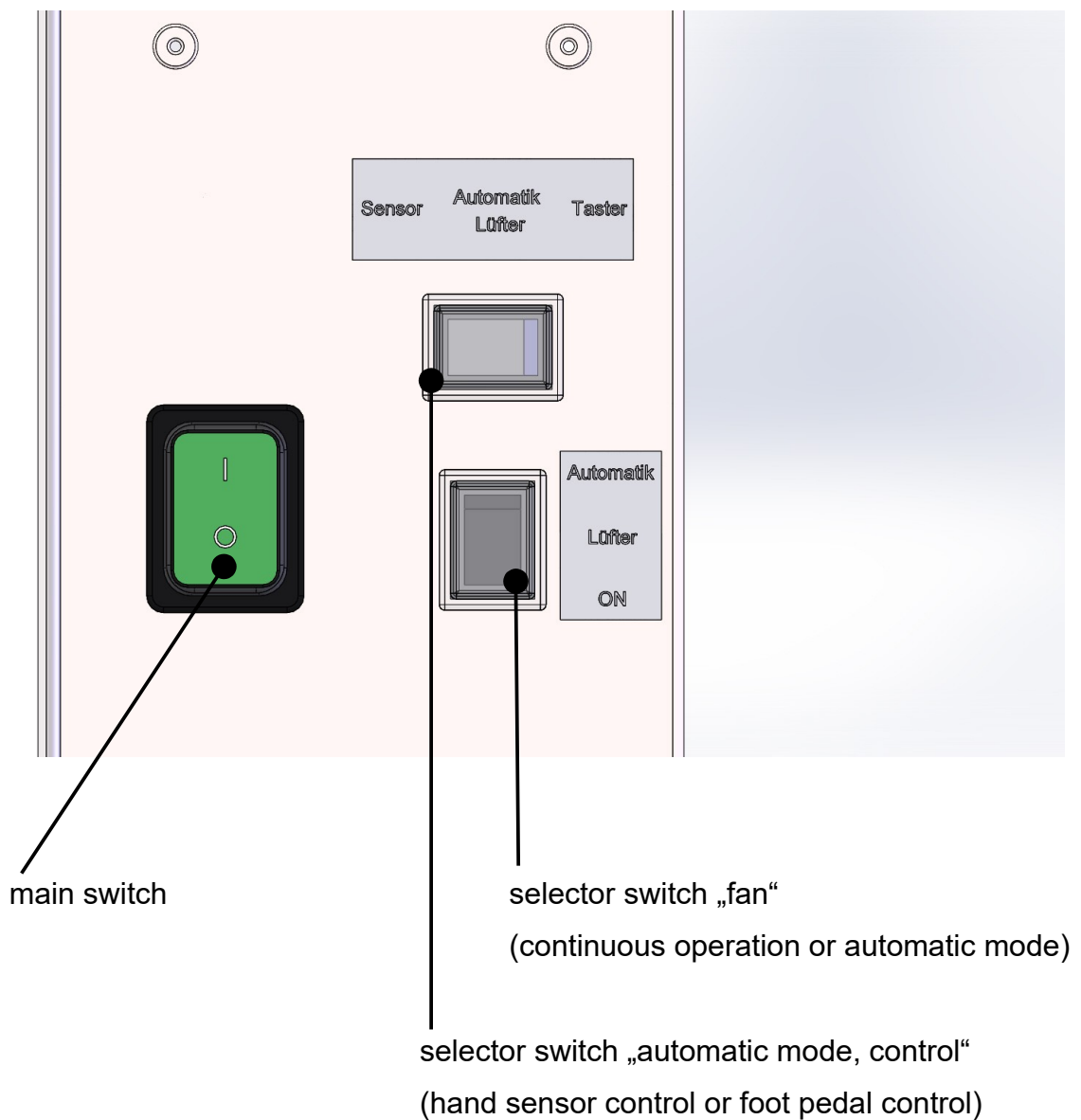
The filter inserts should be changed at suitable intervals in order to achieve optimal suction performance.



Since the capacity of the collecting tray is limited, depending on the intensity of work, you should let the collected water run off via the ball valve (drain).

## 8.2 Handling of the Unit

- Select the appropriate operating mode of the fan using the selector switch.
- Turn on the green main switch.
- Hold the workpiece to be cleaned in the work cabin and clean it with a steam gun.



## 9 Troubleshooting

<b>Fault</b>	<b>Cause</b>	<b>Solution</b>
Fan does not switch off	Continuous operation selected	Control fan selector button
	Automatic mode - lag circuit board defective	Please contact our service / Repair (service workshop)
	Automatic mode - foot switch defective	Switch to hand sensor or Please contact our service
	Automatic mode - hand sensor defective	Switch to footswitch or Please contact our service
Fan does not turn on	Fan defective	Please contact our service / Repair (service workshop)
	Automatic mode - foot switch defective	Switch to hand sensor or Please contact our service
	Automatic mode - hand sensor defective	Switch to footswitch or Please contact our service
Dark workroom	LED lighting defective	Please contact our service
Steam box without function	Main switch (green) defective or fuse of the socket defective	Please contact our service or Check fuse / replace if necessary - if defective repeatedly, then please contact service - if necessary, service workshop



If the above recommendations do not solve the problem, contact your dental depot or our service department.

## 10 Care and Maintenance

### 10.1 Cleaning



Disconnect the power plug before starting any maintenance work.

The identification plate has always to be kept in easily legible condition and has not to be removed.

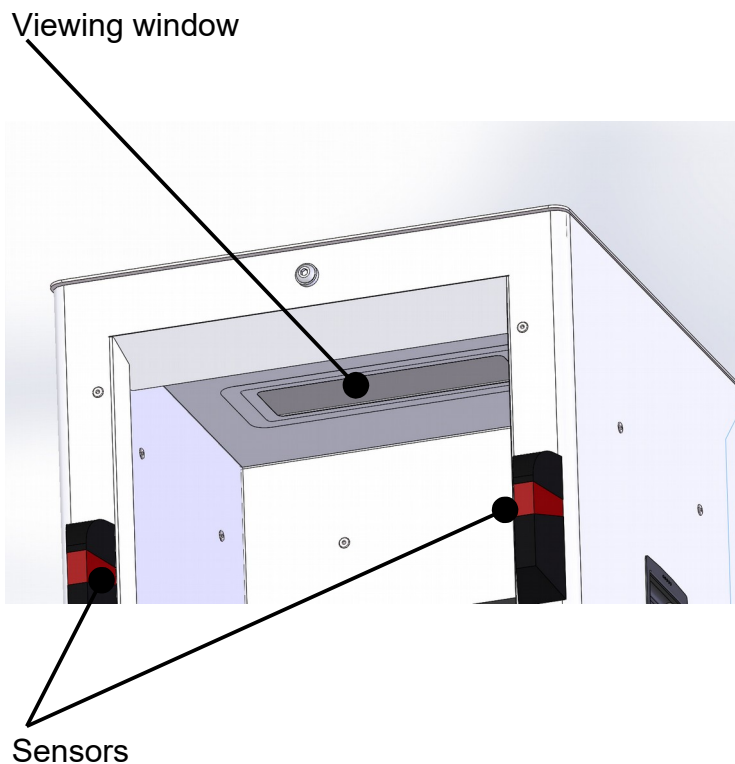


Remove external dirt from time to time with some form of cold cleaner.

Use only cold cleaners to avoid damaging the paintwork or removing the lettering.



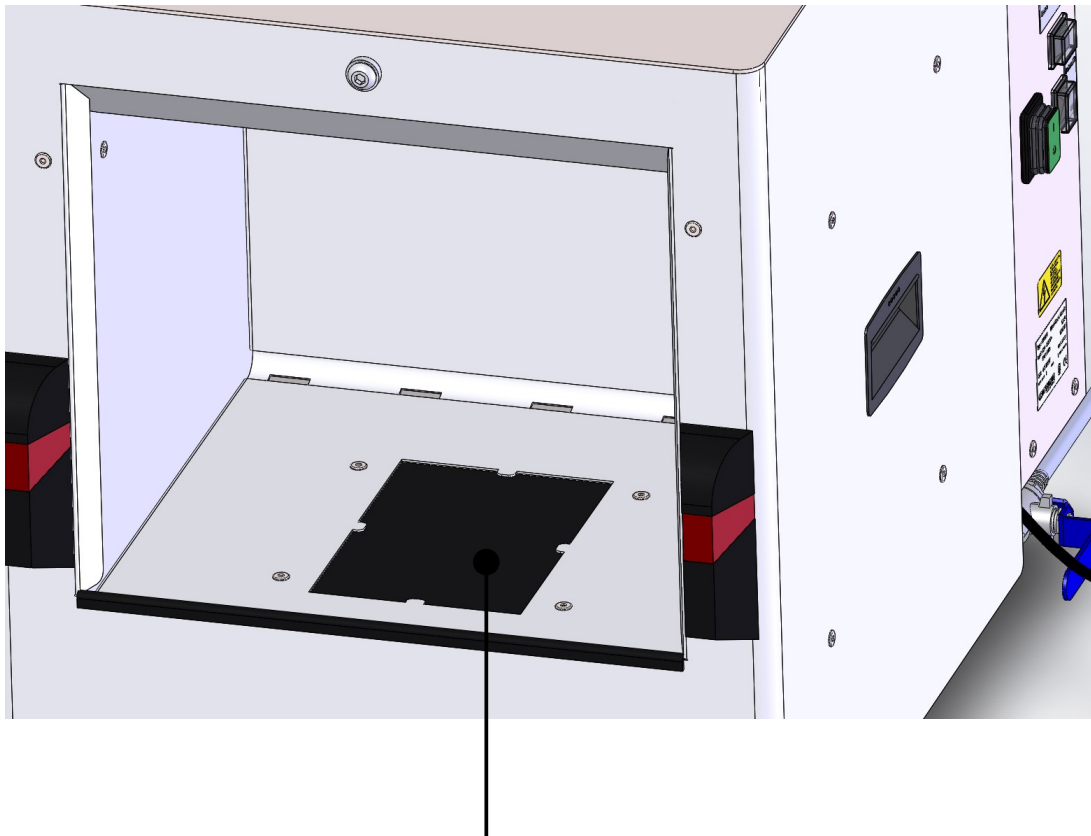
Depending on the intensity of work and the degree of soiling, the viewing window in the ceiling area (above) of the work area should be cleaned for optimal illumination of the work area.



The two sensors mounted outside on the front of the housing should be cleaned at regular intervals to ensure trouble-free operation.

## 10.2 Maintenance

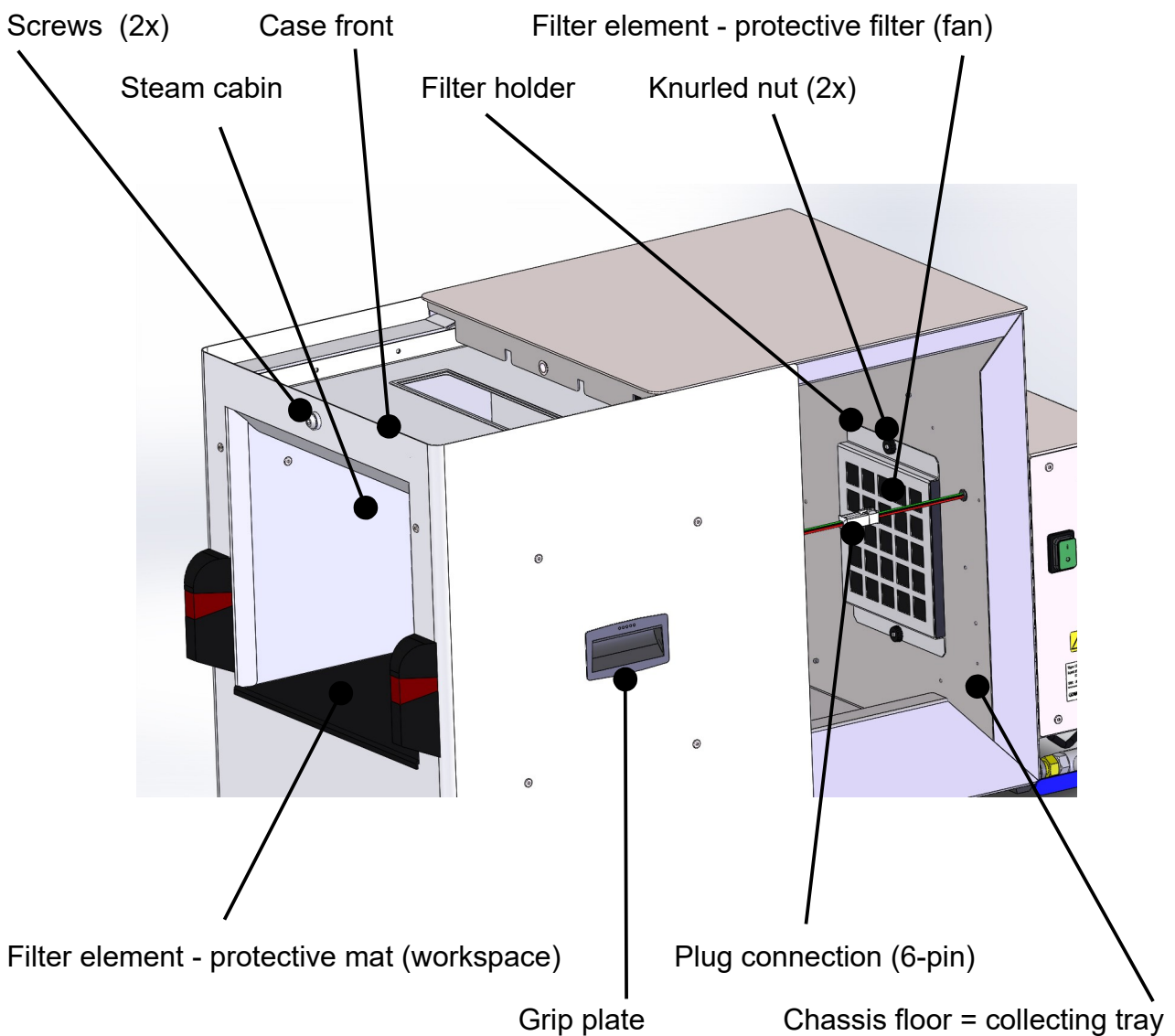
Check the filter inserts for leakage at regular intervals. If the dirt is too heavy, the corresponding filter elements must be replaced in order to ensure optimal steam extraction.



Filter elements (4 pieces) - floor filter (work space)

To check the filter element - protective filter (fan), you must remove the front of the housing with the steam cabin, as described below. Then unscrew the knurled screws (2x) on the rear and remove the filter holder. After checking or replacing the filter element, reassemble the filter holder.

Check the collecting tray for deposits or blockages in the drain hole at regular intervals. For optimal drainage of the collecting tray, the opening should be kept free and cleaned. To do this, remove the two screws in the front of the housing and carefully pull the front of the housing forward with the help of the two grip plates. After that disconnect the plug connection (6-pin) and then pull the front of the housing with the steam cabin forward using the grip plates and set it aside. Now you can check the collecting tray (= chassis floor) and the drain hole as well as other filter elements. Then reassemble the steam box accordingly.



### 10.3 Repairs



Servicing or repairs to the unit has only to be carried out by qualified technicians. Only original spare parts are to be used. Responsibility for the product is voided if unauthorised persons alter it or if inappropriate components are installed.

### 10.4 Spare Parts

If necessary please contact our service hotline phone.

### 10.5 Service Hotline 0049 (0)40 730 926 -20/ -24

### 10.6 Scope of Delivery/ Accessories/ Spare Parts

#### Steam Box (Item no. 174970)

Included in delivery:

- Drain hose, 2 m

<b>Accessories</b>	<b>Item no.</b>
Floor filter (work space), 1 piece	174508
Protective mat (workspace), 1 piece	174507
Protective filter (fan), 1 piece	174509
Drain hose, per meter	320018

## 10.7 Warranty



The warranty period for our equipment is 12 months. If faults occur within the warranty period, contact your dental depot or get in touch directly with our service department.

Your equipment should only be operated in perfect condition. If faults occur which could harm operators or third parties, the unit should not be used until it has been fixed.

This warranty does not cover damage caused by improper use, external mechanical causes, transport damage or interference with the unit by unauthorized persons.

## 11 Technical Data

<b>Steam Box</b>	<b>Item no.: 174970</b>
Voltage*	220–240 V / 50/60 Hz
Power consumption	0.8 A
Output	140 W
W x H x D (max.)	421 x 476 x 549 mm
W x H x D (housing)	393 x 476 x 515 mm
W x H (working opening)	285 x 235 mm
Protection class	IP 44
Weight	26.5 kg

Other voltages on request.

The noise level of the unit amounts to  $\leq 70$  dB (A).



Technical changes reserved.



## 12 Disposing of the Unit

The unit has to be disposed by an authorized recycling operation. The selected company has to be informed of all possibly health-hazardous residues in the unit.

### 12.1 Information on Disposal for Countries within the EU



To conserve and protect the environment, prevent environmental pollution and improve the recycling of raw materials, the European Commission adopted a directive that requires the manufacturer to accept the return of electrical and electronic units for proper disposal or recycling.

Within the European Union units with this symbol should not therefore be disposed of in unsorted domestic waste.

For more information regarding proper disposal please apply at your local authority.



#### Your Contact at Wassermann Dental-Maschinen

You have questions concerning our products or services? Contact us! We guarantee quickest possible handling and we will provide you personally with competent, dedicated help. Thank you for contacting us!

Phone: +49 (0)40/ 730 926 - 24

[export@wassermann-dental.com](mailto:export@wassermann-dental.com)

**13 EU Declaration of Conformity**

in accordance with 2014/35/EU (Low Voltage Directive) and 2014/30/EU (Electromagnetic Compatibility Directive) and 2006/42/EC (Machinery Directive) and 2011/65/EU (RoHS Directive)

Manufacturer: **W A S S E R M A N N** Product description: xxx for dental applications  
Dental-Maschinen GmbH  
Rudorffweg 15-17  
21031 Hamburg  
Germany

Model: Steam Box Item no. 174970

Applicable standards: DIN EN 61010-1  
DIN EN 61000-6-3  
DIN EN 61000-6-1  
DIN 45635-1  
DIN EN 60335-1

Hiermit wird bestätigt, dass die oben bezeichnete Maschine den genannten EU-Richtlinien entspricht. Diese Erklärung wird ungültig, falls die Maschine ohne unsere Zustimmung verändert wird.

This is to confirm that the above mentioned machine complies with the described EU guidelines. This declaration becomes invalid if the machine is modified without our approval.

Cette machine est conforme aux normes en vigueur d'Union européenne. Cet avis est nul et non avenant si cette machine est modifiée sans notre accord.

Esta máquina, anteriormente mencionada, cumple con los límites requeridos por el reglamento UE. Ahora bien, esta declaración quedará invalidada en caso de realizar modificaciones al aparato sin nuestra aprobación.

Hiermee wordt bevestigd dat bovengenoemde machine voldoet aan de voorgeschreven EU normen. Deze verklaring verliest geldigheid als er zonder onze uitdrukkelijke toestemming wijzigen aan de machine worden aangebracht.

Place, date: Hamburg, 2022-05-31

Company stamp :



Signature: \_\_\_\_\_  
Sven Wassermann  
(Managing Director)



**WASSERMANN**  
DENTAL-MASCHINEN GMBH  
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