

Download the English Manual



Airbox One



SERVICE 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 service 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 service 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 service manual.

Keep this service 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

- Fully mobile extraction solution and relaxed working
- Ergonomic shape for optimal physical carriage
- Plenty of mobility due to large openings and spacious internal volume.
- Durable ergonomic filing.
- High safety standard: Protection against splinters, dust and fumes.
- Tilt and skid resistant.
- Easy to open, with special-coated safety screen.
- Excellent view, first class daylight LED illumination.
- Sturdy and easy to clean, plastic powder coated, almost maintenance-free and free of wear
- Air inlet membrane in the front: Only when the safety covers are used, cut in the rubber vertically and horizontally to achieve an optimum exhaust air stream into the vent of the connected suction unit.
- Includes a socket for finishing machines or handpiece motors.

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** und **observance** of the instructions in this **user manual**. equipment is designed only for its intended application.



Working is only allowed with the cap/viewing panel closed!



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.

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.

4.1 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.

5 Application

Compact Suction Box for efficient and relaxed working with dental material (precious metal, synthetic material, ceramics, etc.) with rotating instruments in the dental laboratory.

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 device 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 vibrationfree.

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 machining the workpiece in the work cell, please remove all accessories and packaging material.



Zuletzt stecken Sie den Netzstecker in die Steckdose – achten Sie dabei auf gleiche Spannungsangaben von Gerät und Hausnetz.

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.



Switch on the light.

9 Troubleshooting

Fault	Cause	Solution
Licht leuchtet nicht	Daylight LED lamp is faulty	Exchange the daylight LED lamp
	Transformer/power supply is faulty	Exchange the transformer/power supply
	Switch is faulty	Exchange the switch



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

10 Care and Maintenance

10.1 Reinigung



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. The equipment should be cleaned at regular intervals to ensure trouble-free operation.

It requires only normal cleaning (sponge, damp cloth, mild detergent) and no further chemical additives.

10.2 Maintenance

Care should be taken to ensure that the appliance is kept clean. Check the filter at regular intervals to ensure it is not blocked. If the filter is excessively dirty, it must be replaced to ensure optimum air extraction.

10.3 Repairs



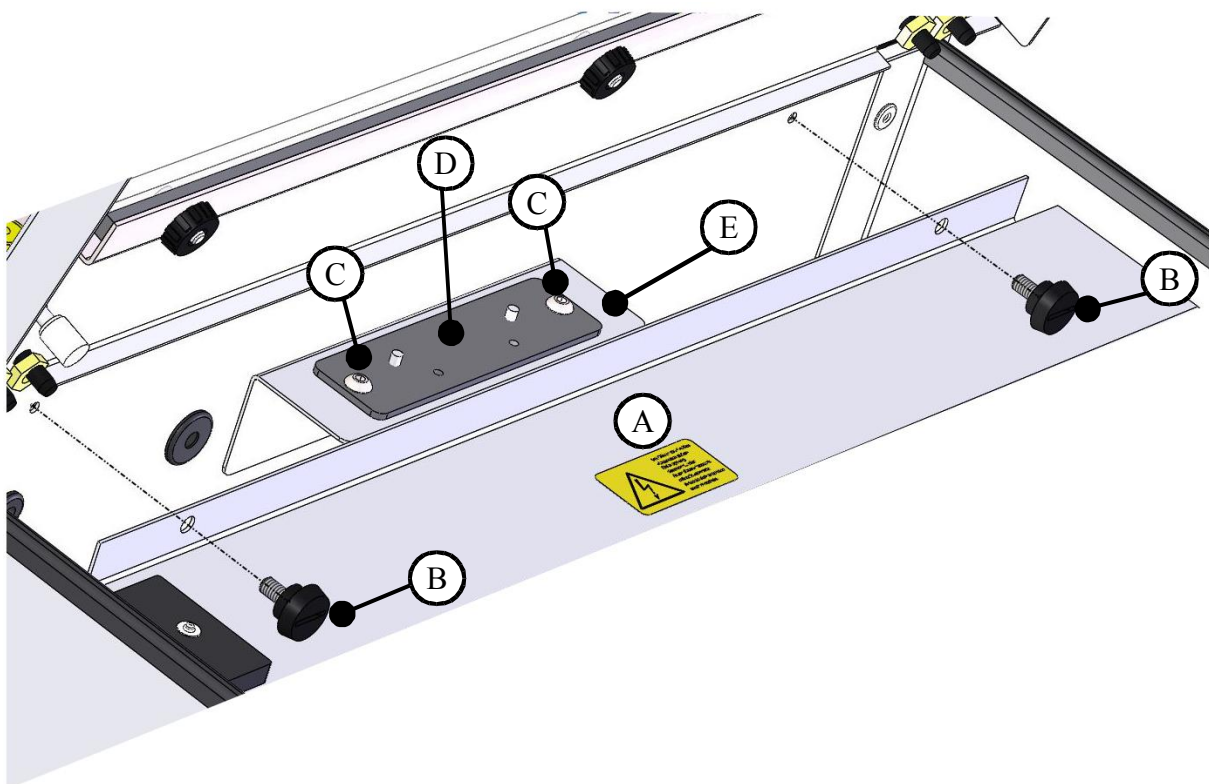
Servicing or repairs to the unit has only to be carried out by qualified technicians. Only original spare parts are to be used. Responsibility for the product is voided if unauthorised persons alter it or if inappropriate components are installed.

10.4 LED-Replacement

If necessary please contact our service hotline phone.

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

10.6 LED-Leiste wechseln



- For changing the LED lamp open the safety screen first.
- Than remove the lamp cover [A] by loosen the knurled screws [B].
- Resolve the plug connection of the LED power cable.
- Than remove the two screws [C] by using an Allen wrench.
- Remove the defective LED strip [D] from the retaining angle [E] and change it.
- Reassemble everything in reverse order.

10.7 Scope of Delivery/ Accessories

Included parts:	Item no.
Suction unit Airbox One with daylight LED illumination	143372
Plug socket power consumption max.	Max. 8 A

Accessories:	Item no.
Set cover plates (right / left)	143305
Spare filter (1 set=3 pieces) dust class M	611023
LED illumination	146393

11 Technical Data

Suction unit Airbox One – Item no. 143372

Voltage*	100 – 240 V / 50/60 Hz
Power consumption	1 A
Output	65 W
W x H x D	370 x 320 x 370 mm
Gewicht	6,8 kg
Sound level	60 dB
Max. Suction capacity	1200 l/min
Max. pressure	700 pa



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 authorities



Ihre Ansprechpartner bei WASSERMANN Dental-Maschinen

Für Ihr persönliches Anliegen stehen Ihnen in unserem Hause qualifizierte Mitarbeiter zur Verfügung.

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13 EU-Konformitätserklärung

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 Dental-Maschinen GmbH Rudorffweg 15-17 21031 Hamburg Deutschland	Product description:	Suction Unit for dental applications
Model:	Suction unit Airbox One	Item no.:	143372
Applicable standards:	DIN EN 61010-1 DIN EN 61000-6-3 DIN EN 61000-6-1 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 rules. 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, 22.07.2026

Company stamp :



Signature: : _____
Sven Wassermann
(Managing Director)



Notes:



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