

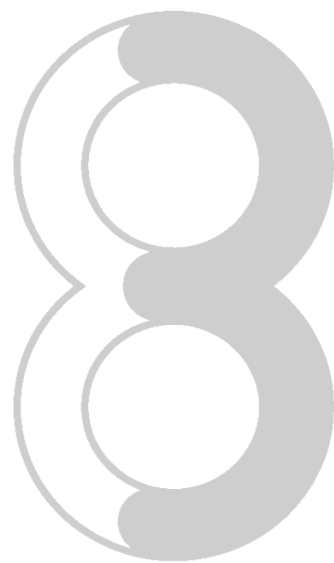
Service manual

Model SG 1 / 1

Single-port ejection unit



WASSERMANN
DENTAL-MASCHINEN



WASSERMANN DENTAL-MASCHINEN GMBH

Dear customer,

Thank you for choosing a product from the Wassermann range. Wassermann dental equipment 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 instruction 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 instruction manual.

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

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1 For your safety

1.1 Correct use of this product

The SG 1/1 Ejection unit is used to remove dental-laboratory dust. It cannot be used to extract liquids or monomeric steam.

1.2 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 must be observed.



Information!

This symbol draws your attention to specific features, which should be noted.

1.3 Safety guidelines

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



Servicing and repairs should be carried out only by authorised specialists.



Make sure that the unit is connected to the correct mains voltage.

1.4 Your service manual

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

1.5 Responsibility for operation and damage

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

The unit must be maintained and operated in accordance with this service manual. Wassermann Dental-Maschinen GmbH is not responsible for damage arising from the **non-observance** of these instructions.

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



Product responsibility lapses if the equipment is altered by unauthorized third parties or if non-original parts are installed. Use only original WASSERMANN replacement parts.

1.6 Authorized users

The owner of the equipment must ensure that any users have been provided with the service manual and that they have read and understood its contents before operating the equipment.



Ensure that this service manual is accessible at all times and has been read and understood.

2 Care and maintenance

2.1 Maintenance



Always disconnect the power cable before undertaking cleaning or maintenance.

The model plate must always be legible and should not be removed.

The equipment should be cleaned at regular intervals to ensure trouble-free operation. It requires only normal cleaning (sponge, damp cloth, mild detergent). Do not use chemical additives.

2.2 Care



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.

3 Use/ Application

The SG 1/1 Ejection unit can be installed in various locations such as a dental-laboratory workbench or a polishing trough. Its suction action combines a maximum quantity of air and a low air speed and is dedicated to extracting suspended dust particles, which could enter the lungs. The advantages are virtually silent operation of the fan motor and an overall low noise level, thanks to the slow flow speed of the air drawn in. This slow air speed means that your hands do not get cold, even after a long time working at the suction inlet.

The SG 1/1 also features an additional socket, allowing you to connect one other device, which then starts to operate as soon as the ejection is turned on.

4 Before you start

4.1 Unpacking / Transport

- Open the cartons, remove the packing materials, and carefully lift out the instrument and accessories. Check the accessories are correct.
- Place the unit on a firm, flat surface.
- When transporting the unit, use appropriate packing materials to avoid accidental damage.



Locate the service manual and read it carefully.



When unpacking, it is important to identify any accidental transport damage. If necessary, draw up an immediate status report.

4.2 Contents

SG-1/1	Item no.: 140995
Supply line with switchable shock proof plug	Item no.: 140022
Micro fine dust filterbag	- - -

5 Changing the filter

This equipment uses a one-way, micro fine filter bag, which must be replaced once it is full of dust.

To do so, open the catches right and left, remove the cover, take out the filter bag and then remove the packaging from the replacement bag. Insert the new filter and close the cover.

You will need to change the filter regularly to ensure trouble-free dust removal. It needs replacing at the latest when the suction becomes laboured or the fine dust filter changes colour.

6 Start-up

The unit must be at room temperature before you start it.

1. Take the cable from the filter under the cover.
 2. Plug the unit into the mains.
 3. Use the rocker switch on the cable to switch the unit on and off.
-

7 Technical data and Accessories

7.1 Technical data

SG-1/1	Item no.: 140995
Voltage*	220–240 V / 50/60 Hz
Power consumption	0.75 A
Female connector power consumption max.	8 A
Output	170 W
W x H x D	260 x 400 x 330 mm
Weight	9.9 kg
Sound level	59 dB(A)
Suction capacity	500 m ³ /h (free-blowing)

*Other voltages upon requiry.



Noise emission ≤ 70db(A).



We reserve the right to make technical changes.

7.2 Accessories and spare parts

Accessories	Item no.:
Spare filterbag for micro finedust (dust class M), 1 set=4 pieces	611010
Spare filterbag for plaster (class 1 / class 2), 1 set=4 pieces	611018

**For information concerning spare parts please contact our service hotline phone:
0049 (0)40 / 730 92 6-0**



7.3 Repairs

Servicing or repairs to the unit must only be carried out by trained technicians.

Only original spares are to be used.

Responsibility for the product is voided if altered by unauthorized persons or if inappropriate components are installed.

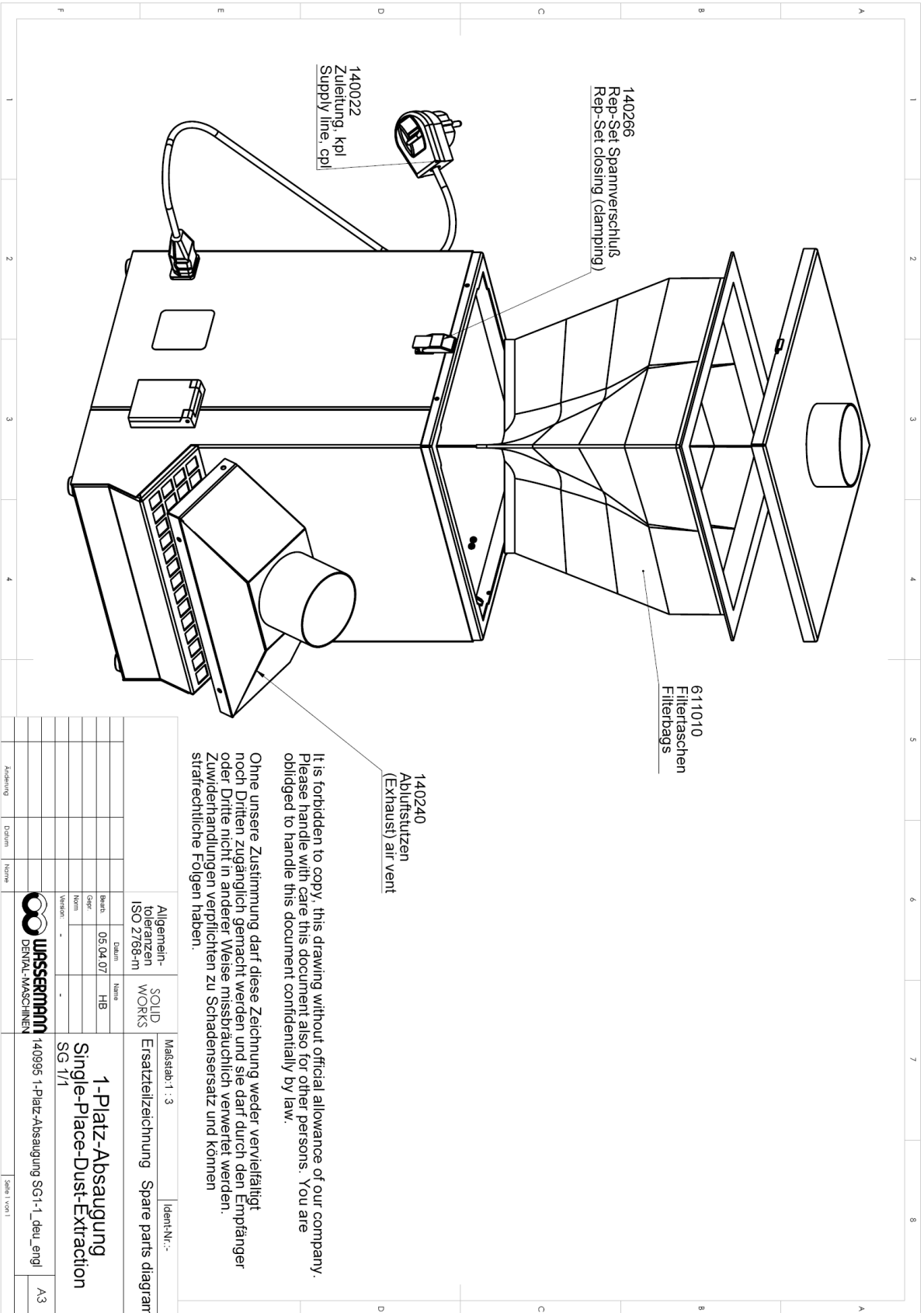
8 Warranty

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 suction unit 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.

10 Spare part diagram











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