

• WP-Ex 10



• USER MANUAL

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

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1 Features

- compact and powerful polisher for daily use in the laboratory in the smallest space
- shaft end has 9 mm standard taper for mounting the brush spindle (right)
- powerful, long-life and maintenance-free squirrel-cage motor
- 2 switching steps, 1,500 resp. 3,000 min⁻¹
- micro-fine dust filter bag, large capacity and easy to replace
- jacket-cooled motor, dust protected
- shock-resistant, adjustable eye protection and strong workpiece illumination
- high quality workmanship, housing made of special steel
- easily removable full rubber polishing trough
- low-noise, with extraction suitable for continuous use
- numerous storage options

2 Safety guidelines

2.1 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 that must be observed.

2.2 Safety guidelines



- The retaining brackets (white) have to be above the filter frame so that the filter bag is fixed in place, and the cover must be closed.
- The main switch also functions as safety switch. If the power supply is interrupted, the switch returns to the neutral position in order to prevent an uncontrolled operation of the motor when the power supply is restored.
- The fuse of the WP-Ex 10 is located next to the socket of the supply line plug.

3 Application

The polishing unit serves for the polishing of dentistry work. Thanks to the integrated suction feature, optimal operation is guaranteed.

Only use the device for this type of application.

4 Before starting

4.1 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.

4.2 Installation

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

The device must stand on a steady and level 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.

4.3 Storage

If the unit is to be stored for an extended period, protect it from moisture and dust.

5 Start-up / Installation

i

Connect the power cord.

Use compressed air to blow away dust and dirt from the brush spindle. Remove the disassembly nut by turning it clockwise (left hand thread). Remove grease from the shaft extension and re-mount the disassembly nut by turning it counter-clockwise. When doing so make sure the disassembly nut is fully tightened.

Installing the brush spindle:

Install the brush spindle according to its labelling, R=right.

Install the spindle to the tapered cone by carefully tapping it into place using a hammer and a plastic plate.

There is a risk of damage to the ball bearing caused by external forces. This terminates the warranty.

When the motor is operating, the spindle must to turn centrally. If this is not the case, please repeat the process.

6 Operation

i

Operation of the main switch (left of the motor): the light of the WP-Ex 10 turns on

Turning knob to the left: Regulating stage 1500 rpm
+ automatic suction start

Turning knob to the right: Regulating stage 3000 rpm
+ automatic suction start

Filter replacement:

Open both fasteners at the back of the device. The cover can then be pushed back and removed. Turn the clamp (white) above the filter frame to the side to allow replacement of the filter bag. Insert a new filter bag. When doing so, make sure the filter bag is put into the device evenly. After this, it is imperative that the clamp is returned back into position above the filter frame. Attach the cover again, push it forward and clamp it down with both fasteners.

Lamp replacement:

To open the service hatch on the right side of the device, loosen the two Philips screws. Then pull out the defective fluorescent tube beneath the white sheet, and insert a new fluorescent tube into the fitting. Re-attach the service hatch and fasten with the two Philips screws.

Fuse replacement:

The fuse is visibly located above the socket of the supply line. Remove the defective fuse and insert a new one.

7 Troubleshooting

Fault	Cause	Remedy
Ball bearing noise	Ball bearing defective	Contact our service department
Spindle does not hold	Spindle loose	Set the spindle in place by lightly tapping with a hammer
Spindle cannot be loosened	Spindle is too firmly attached to the cone	Contact our service department
No or very little suction capacity	Filter bag full	Replace filter bag
Light does not work	Fluorescent tube defective	Replace fluorescent tube
Device does not work	Fuse defective	Check fuse and insert new fuse if necessary

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

8 Care and maintenance

8.1 Cleaning



Disconnect the power plug before starting any maintenance work. The identification plate must always be kept in easily legible condition and must not be removed.

To ensure problem-free operation, the unit should be cleaned at regular intervals. Make sure the disassembly nut for the brush spindle remains clean within the hole. Pay particular attention when polishing with pumice. When unscrewing the disassembly nut, pay attention to the fact that the right side has a left-hand thread. The device requires only regular cleaning (sponge, damp cloth, degreaser) - no chemical additives.

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

8.2 Maintenance

The WP-Ex 10 does not require any servicing. Just make sure that the device is kept clean.

8.3 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.

8.4 Spare parts

If necessary please contact our service hotline phone:
0049 (0)40 / 730 92 6-0

8.5 Scope of delivery / Accessories

Included parts:	Item no.
Brush spindle right	152022
Polishing trough	146503
Supply line	592012
Storage bowl	830409
Micro fine dust filterbag	---
Dirt drawer	146227

Accessories:	Item no.
Brush spindle right	152022
Brush spindle 125 mm right	152043
Stone holder right	152056
Drill chuck right 1-6 mm clamping	152049
Storage bowl	830409
Micro fine dust filterbag, 1 set = 2 pieces	611011

8.6 Repairs



Servicing or repairs to the unit must only 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.

9 Technical data

WP-Ex 10 – Item no. 146985 */ 146986

Dimensions:	W: 450 mm, H: 450 mm, D: 560 mm
Weight:	34.5 kg
Voltage*:	220-240 V / 50/60 Hz / 115 V / 60 Hz*
Output:	630 W
Power consumption:	2.8 A / 5,6 A*

*Other voltages upon enquiry.

The noise level of the unit amounts to ≤ 70 dB(A).



The technical data are subject to change without prior notice.

10 EC Conformity Certificate

in accordance with 2006/95/EG (low-voltage guidelines) and 2004/108/EG (EMV guidelines) and 2006/42/EG (machinery guidelines)

Manufacturer: W A S S E R M A N N Product description: Polishing compact
Dental-Maschinen GmbH unit for dental
Rudorffweg 15 - 17 application
D-21031 Hamburg

Model: WP-Ex 10 Item no. 146985
Item no. 146986

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 EG-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 EC rules. This declaration becomes invalid if the machine is modified without our approval.

Cette machine est conforme aux normes en vigueur de la Communauté Européene. 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 EC. 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, 07.03.13

Company stamp:



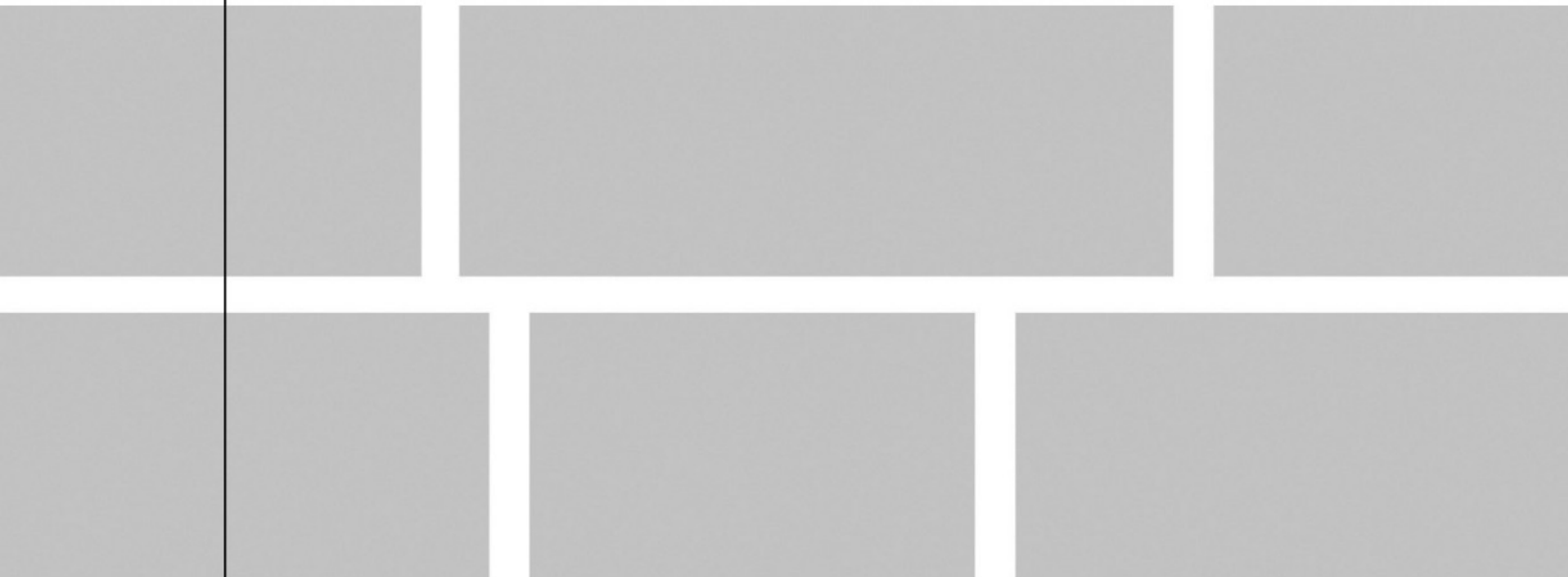
Signature : _____
Wilfried Wassermann
(Managing director)

Notes:



WASSERMANN
DENTAL-MASCHINEN

● Die Basis für Ihr Labor



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