

Operating Instructions

ERGORET AQUA

**LABORATORY EQUIPMENT
IN STAINLESS STEEL**



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Dear customer!

The ERGORET AQUA workstation keeps the water and dirt in a closed system while working with zirconia or other materials. The hood made of stainless steel and safety glass is used in the processing of gypsum, plastic, metal alloys and prevents flying grinding chips around. Gases and harmful odors remain in the interior, or are transported away from there by means of an extraction unit. A bright work light illuminates the area well for you.

Any other use or usage beyond this scope is considered unintended use. The manufacturer shall not be responsible for any damages that may result thereby. Prior to installation of the device operating instructions and especially the safety instructions must be read and followed by all personnel who use this device.

After having unpacked the device, please check carefully whether transportation damages of any kind have occurred. If that is the case, the carrier or manufacturer must be notified within 3 days. The company will not be responsible for any damages found after that.

These operating instructions must be read and followed by all personnel who use this device. To ensure quick access we recommend to keep it at a safe place near the device. In case of loss it can be ordered from the manufacturer.

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1 Technical description

1.1 Basic equipment

- Workstation ERGORET AQUA incl. lighting
- Adapter for suction hose
- External power supply

1.2 Device components

- 1 Lid opener
- 2 Glass lid (safety glass)
- 3 Hand-throughput (collar with trim ring)
- 4 Opening for handpiece (collar with trim ring)
- 5 Fixing screws of the openings
- 6 Trim ring
- 7 Main switch
- 8 Connection for external power supply
- 9 Power supply
- 10 LED lamp (inside the housing)
- 11 Suction tube



Fig.: Side view

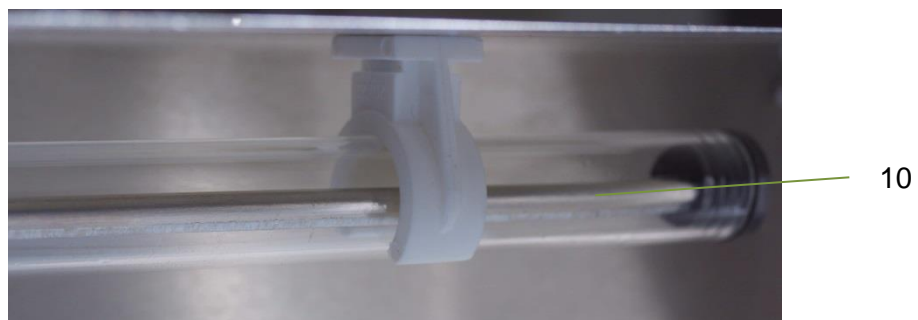


Fig.: LED lamp

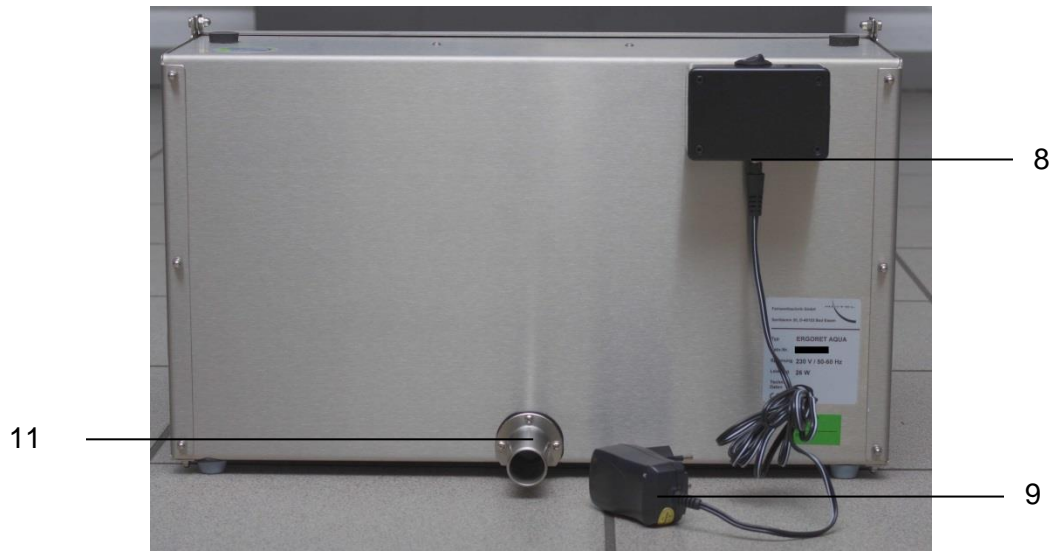


Fig.: Rear view

1.3 Technical data

Line voltage	230 V/50–60 Hz
Current consumption	26 W
Height / Width / Depth	260+240/460/430 mm
Weight	8 kg
Sound level	≤ 70 dB(A)
Housing	Stainless steel
Made in Germany (Subject to modifications)	

2 Safety Notes

2.1 General Safety Notes

- All equipment undergoes final inspection and testing before leaving our factory. However, if equipment is damaged during shipping or through any other circumstances, it must not be used in service. Please check the device regularly for damages. Damaged parts should be replaced immediately.
- All power / air / water / gas sources should be rated for the demands of the device as listed in the technical data sheets. Maximum ratings must not be exceeded. All VDE (Verein Deutscher Elektro-Ingenieure) standards should be followed. Equipment should be grounded according to standards.
- Adherence to valid regulations regarding necessary checks (e.g. according to Accident Prevention & Insurance or electrical equipment) is exclusively taken over by the buyer/user of this product.
- This device has been designated to be used only for its intended purpose. All other applications must be prohibited for safety reasons as otherwise the manufacturer's warranty expires.
- The device may only be used by persons who have been instructed in the handling and are expressly commissioned with the operation.
- The device should be set-up in a clean, well-ventilated room, if necessary under a hood.
- Supporting surfaces should be straight, flat and adequately stable.
- No objects may be placed on the device.
- To avoid injury, appropriate protection should be worn (as gloves, safety glasses, safety shoes, hearing protection etc.)
- If the machine is defective or working improperly it must be taken out of service. In case of further use of the machine the owner will be held responsible for any consequential damage.

- To prevent accidents from water, fire or explosion, all power/air/water/gas sources should be turned off after working hours and during breaks, and secured against unauthorized access.
- When carrying out maintenance works or repairs or when opening the device always turn off the main power switch and unplug the whole unit.
- Repairs should be carried out only by the manufacturer or by qualified and certified personnel appointed according to chapter 7 – warranty.
- In case of leaking water out of housing or tank shut down device and call service.
- Check all hose connections for leak tightness, if necessary tighten hose clamps again

2.2 Specific Safety Notes

- The workstation is sensitive to alcohol, chemicals, concentrated mineral acids, aromatic hydrocarbons and chlorinated hydrocarbons, esters, ethers and ketones!
- The device may only be cleaned with solvent-free cleaners.

3 Installation

The electrical equipment is ready for immediate use. The sealed plug can be connected directly to the mains supply 230 V/16 A. For installation please refer to safety notes in chapter 2.

3.1 Installation

1. Establish the power supply with the plug-in power supply. The jack plug is inserted into the junction box (below) on the back of the device.
2. Plug the supplied adapter onto the suction tube (11),
3. Connect an extraction unit or a water drain when the unit is used under wet conditions (both not included).

3.2 Changing collar of hand-throughput

1. Order a new hand-throughput collar from your dealer (see spare parts list).
2. Remove the screws (5) on the corresponding trim ring (6).
3. Remove the trim rings and replace the old collar.
4. 4. Close the rings with the screws. Make sure the collar is seated properly.

4 Operation

1. Switch on the lighting with the main switch (7).
2. Use the inlet of the hand-throughput (3) and the opening for the handpiece (4).
3. Switch off the lighting after completing the machining process.

5 Troubleshooting

Lighting does not work.	<ol style="list-style-type: none">a. Check main fuse.b. Check the device fuse. (The fuse holder is located at the power connector of the device.)c. Power supply plugged in?d. Replace light
Suction power too low.	Check the extraction unit for blockages.

6 Maintenance

- When used under wet conditions, clean the device regularly with a damp cloth to prevent bacterial contamination and bad odors. (see chapter 2.2)

Note

Clean and protect your device at regular intervals with the REITEL stainless steel care spray (order -no.: 90405000) to remove lime, plaster and dust as well as other contaminants from the surface of the equipment and to prevent corrosion. The spray creates a lasting, water repellent protective film which helps keep the equipment clean.

7 Warranty

We, REITEL Feinwerktechnik GmbH, offer a 1 year's warranty beginning from the proven date of purchase. This warranty covers all defects traceable to materials, design or workmanship. The following warranty regulations are applicable:

Within the warranty period Reitel Feinwerktechnik GmbH or an authorized distributor agrees at its sole option, to perform repair or replace this product at no charge covering all defects traceable to materials, design or workmanship. Warranty only applies to appropriate use and regular maintenance of this product according to the operating instructions. Claims under warranty are restricted to complementary performance. Additional claims, especially claims for indemnifications, are not covered by this warranty.

1.

Warranty claims have to be addressed to the distributor the product was purchased from or directly to our service department.

Contact:

REITEL Feinwerktechnik GmbH

Senfdamm 20

49152 Bad Essen

Germany

Phone: +49(0)5472-9432-32 (Service Department)

Phone: +49(0)5472-9432-0 (Reception)

Fax-No: +49(0)5472-9432-40

2.

In case of warranty claim application the sales receipt or your purchase invoice showing the date of purchase of the product and the serial number must be furnished. Securely pack and ship the device, freight charges prepaid, at your own risk to us, along with a report describing the defect. We reserve the right to decline warranty if this information has been removed or modified after purchase of the product or if they are not included in case of warranty claims.

3.

Warranty repairs have to be performed by REITEL Feinwerktechnik GmbH or by authorised distributors. Repairs performed by non-authorised companies will void the claim for refund since damages to the product resulting hereof are not covered by warranty.

4.

If the unit sent in for repair or replacement is still under the original warranty then warranty is to the end of the original 1 year warranty.

5.

If the unit is destined to be operated in another country than originally intended and manufactured for, modifications to the product might be necessary to comply to special technical and /or safety standards of that specific country. Such modifications are no defects traceable to materials, design or workmanship. and are therefore expressly excluded from warranty claims.

Modification costs or damages arising from operation of the product under deviating conditions are not covered by warranty.

6.

Exclusions from warranty:

Service and maintenance work as well as repair and replacement of consumables according to our consumables' list

Transportation cost of the machine or installation and dismounting expenses incurred

Damages due to use of the product other than for its intended purpose

Damages due to faulty installation or insufficient maintenance of the product (e.g. decalcification)

Damages due to natural disaster e.g. lightning, water, fire, act of nature beyond control, war, inadequate line voltage, insufficient ventilation, no decalcification, insufficient care and cleaning or non-adherence to operation and maintenance instructions according to the accompanying operation guide.

Damage due to use of the product other than in accordance with the instructions provided by REITEL Feinwerktechnik GmbH;

The warranty does not cover the cost of removal and replacement of parts and accessories, unless supplied as original equipment by REITEL Feinwerktechnik GmbH

All kind of damages occurred not directly at the device as well as consequential damages (e.g. damages to furniture due to a lack of water, downtime of the machine, material, lost working hours, wages and other consequential damages).

This warranty shall be rendered null and void if:

the product has been subject to any modification, repair or replacement other than as authorised by REITEL Feinwerktechnik GmbH

the product is continued to be operated despite a functional defect

7.

The warranty is device specific and may be claimed, within the warranty period, by any person who has legally acquired the device.

8.

Consumables are excluded from warranty. Spare parts are subject to a warranty coverage of 6 months against all defects traceable to materials, design or workmanship according to these warranty regulations.

9.

Legal default claims on the part of the purchaser remain unaffected by this warranty.

10.

We reserve the right to charge a fee if repair of the device is rejected and the device is destined to be sent back unrepaired.

11.

Please note:

Upon repair or replacement of this unit, personal data and settings might get lost or damaged. We don't accept liability for all kind of data loss. The customer is advised to backup essential programs and data before sending for service.

12.

This warranty shall be interpreted in accordance with German law to the exclusion of UN sales law. Place of jurisdiction is our business location.

13.

If any provisions of this warranty are judged to be illegal or unenforceable, the continuation in full force and effect of the remaining provisions will not be prejudiced. The provisions of this warranty judged to be illegal or unenforceable shall be construed so as to give effect to the intent manifested by the provision held invalid, illegal or unenforceable and to give effect to section 13 hereof.

14.

Should you need to borrow a device while your device is being repaired, please contact Messrs. REITEL or your distributor. These loans are a service for which availability cannot necessarily be guaranteed. After the warranty period, a fee may be charged for loan equipment as well as for shipping and packaging.

8 Disposal Regulations



According to valid regulations our devices are properly disposed of according to B2B – Regulations for proper disposal. Please contact your local dealer for further information.

9 Spare parts list

Best.-Nr. Reference		Stck/ME Qty.	ME Unit
E7219200	Dichtung Handdurchführung (Set) Sealing for hand insert	2	Stck piece
E7210000	Dichtung Handstück Sealing for handpiece motor	1	Stck piece
E7336220	LED Lampe, mit Clips, ohne Trafo LED lamp, incl. Clips and end caps	1	Stck piece
E7019910	Schalter EIN/AUS ON/OFF switch	1	Stck piece
E7214200	U-Profil Dichtung U-profile seal	1	m

10 EU DIRECTIVE

EU-Konformitätserklärung EC Conformity Declaration CE-Déclaration de Conformité

im Sinne der Niederspannungs-Richtlinie 2014/35/EU (Anhang III B)
according to Low Voltage Directive 2014/35/EU (Appendix III B)
au sens de la Directive Basse Tension 2014/35/EU (Annexes III B)

Name und Anschrift des Herstellers/Name and address of manufacturer/Nom et adresse du fabricant:

Reitel Feinwerktechnik GmbH
Senfdamm 20
49152 Bad Essen

Diese Erklärung bezieht sich nur auf das Gerät in dem Zustand, in dem es in Verkehr gebracht wurde; vom Endnutzer nachträglich angebrachte Teile und/oder nachträglich vorgenommene Eingriffe bleiben unberücksichtigt. Die Erklärung verliert ihre Gültigkeit, wenn das Produkt ohne Zustimmung umgebaut oder verändert wird./This declaration relates exclusively to the machinery in the state in which it was placed on the market and excludes components which are added and/or operations carried out subsequently by the final user. This declaration will become invalid if any unauthorized modification is made to the product./Cette déclaration concerne exclusivement les machines dans l'état dans lequel elles ont été mises sur le marché et exclut des composants ajoutés et/ou les opérations effectuées par la suite par l'utilisateur final. La présente déclaration perd sa validité si des modifications non-autorisées ont été apportées à la machine.

Hiermit erklären wir, dass nachstehend beschriebenes Gerät/We hereby declare that the machine described below/
Nous déclarons que la machine ci-dessous

Produktbezeichnung/Product name/Nom du produit: Systemarbeitsplatz/
Ergonomic Working Place/
Poste de Travail

Typenbezeichnung/Type/Type: ERGORET AQUA

allen einschlägigen Bestimmungen der Richtlinie 2014/35/EU sowie 2011/65/EU (RoHS 2) entspricht.
is in conformity with all applicable requirements of the Directive 2014/35/EU as well as 2011/65/EU (RoHS 2).
est conforme aux dispositions applicables de la Directive 2014/35/EU ainsi que 2011/65/EU (RoHS 2).

Angewandte harmonisierte Normen/Harmonised standards applied/Normes harmonisées appliquées:

DIN EN 61010-1:2020

11.02.2021

Ort, Datum
Place, Date
Lieu, Date

Daniel Reitel, Geschäftsführender Gesellschafter/Managing Director/
Directeur Général



Feinwerktechnik GmbH - D-49152 Bad Essen
Department for Quality and Safety

Unterschrift/Signature/
Signature

We manufacture in compliance with Quality Management ISO 13485:2016 incorporating established standards.



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