

## Operating Instructions

### ROTOGRIND MINI

LABORATORY EQUIPMENT IN  
STAINLESS STEEL



**REITEL Feinwerktechnik GmbH**  
Senfdamm 20 | 49152 Bad Essen  
Phone: +49(0)5472-9432-0 | Fax: +49(0)5472-9432-40  
[www.reitel.com](http://www.reitel.com) | [info@reitel.com](mailto:info@reitel.com)

Dear Customer!

The wet trimmer ROTOGRIND MINI is characterised by a particularly favourable price-performance ratio. The powerful motors provides a precise finish with high surface quality. The stainless steel housing is extremely robust and durable. For safety reasons the device is equipped with a safety fuse in case of power failure. The device's front cover can be easily removed with two special quick releases for cleaning purposes or disc exchange. Clean the device's front under running water in the sink. Stainless steel ensures durability and long-term visual attractiveness.

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.

Store it at a safe place near the device. This documentation is protected by copyright.

Transmittal or reproduction of this document in whole or in part and disclosure of its contents is not permitted. If the operation manual gets lost an extra copy can be ordered from the manufacturer at a nominal fee.

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## 1 Technical Description

### 1.1 Basic Equipment

- Wet trimmer ROTOGRIND MINI
- Allen key, size 2,5 for quick release fixing screws and size 4,0 for disc change
- Inlet hose, 150 cm
- Outlet hose, 80 cm

### 1.2 Special Equipment

- Order-No.: 20301000 Silicon carbide grinding disc
- Order-No.: 23301000 Diamond grinding disc PW, partly coated
- Order-No.: 23401000 DELTA diamond grinding disc, partly coated
- Order-No.: 22204000 Aluminium backing plate with Velcro fastener, for 22205000
- Order-No.:22205000 Corundum disc „Velcro“ (5 pcs./pack.)

### 1.3 Device description

- 1 Grinding disc (photo shows order-no.: 23301000 diamond grinding disc PW)
- 2 Tray table
- 3 Height fastener (with knurled nut)
- 4 (4a und 4b) quick releases
- 5 Front
- 6 Water outlet (photo without hose)
- 7 Water supply
- 8 Power switch
- 9 Power connector
- 10 Rubber feet
- 11 Rubber feet



Device view



Lateral view

#### 1.4 Technical Data

Line voltage	230 V/50–60 Hz
Current consumption	1.300 W
Height/width/depth	310/310/400 mm
Weight	20 kg
Speed	3.000 rpm
Disc diameter	250 mm
Sound level	≤ 70 dB(A)
Housing	Stainless steel
Order-No.:	13400000
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 should be set-up in a clean, well-ventilated room, if necessary under a hood.
- Supporting surfaces should be straight, flat and adequately stable.
- Don't place anything on top of the machine.
- To avoid injury, appropriate protection should be worn (e.g. 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

**Note:**

- Investment material and dry hard plaster reduce the grinding disc's service time. The diamond grinding discs may not be used for metal and quartzide material. The diamonds will start to melt immediately and the grinding disc is rendered unusable.
  - The ROTOGRIND MINI includes a wet-rinsing, cleaning the grinding disc. When working with material containing components which are not meant to be put into the public wastewater disposal, suitable cleaning systems have to be used or the wastewater has to be collected and disposed of separately.
  - Keep the housing clean and dry.
- 
- The ROTOGRIND MINI is a benchtop unit. Supporting surfaces should be straight, flat and adequately stable.
  - When opening the machine's front, please keep in mind that the grinding disc doesn't stop immediately after the machine has been turned off. Wait till it has stopped completely.
  - Always wear goggles when working with the device.
  - Always use a wedging block when working on smaller pieces.
  - Put the working piece on the model tray first and then press it towards the grinding disc.
  - Never put your hands into the running device.
  - Only turn on the machine again when the grinding disc is still at a halt.
  - Don't use worn or damaged grinding discs.
  - Only change the grinding disc when it stands still and the whole unit is unplugged.
  - Only use original REITEL grinding discs – with an outer diameter of 250 mm. Using grinding discs supplied by other manufacturers will render our warranty null and void with immediate effect.
  - Always respect the regulations of the grinding discs manufacturer (e.g. max. speed, sense of rotation, cutting speed, material to be worked on).

## 3 Installation

The electric equipment is being delivered fully installed. 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. Attach supplied hose to water inlet (7) fastening it with the hose clamp included in delivery. Fix the other end of the hose to your water tap.
2. Fix the drainage hose to the water outlet (6). Lead wastewater via drain hose with a fall to the plaster-settling basin (respect local regulations).
3. Connect the machine to the power supply.

### 3.2 Changing a grinding disc

1. Turn off power switch (8). Pull the mains cable (9) from the socket.
2. Wait until the grinding disc has completely stopped.
3. Remove the security screws and open the quick releases (4a und b), push the front (5) aside and then take it out.
4. Release the central nut holding the disc by using the Allen key (see chapter 1.1) counter-clockwise. Take off the central nut and remove the disc.
5. Clean the disc's working surface and supporting disc, put on supporting disc and new grinding disc and ensure that it's placed correctly and then fix the screw in a clockwise direction.
6. Reinsert the front (5) with the quick releases (4a und b) and fasten them with the security screws.



## 4 Operation

### 4.1 Chronological run of operation

1. Turn power switch (8) on.
2. Adjust inclination angle of the tray table (2) with height fastener (3). Secure height fastener by turning the knurled nut upwards.
3. Put the model to be worked on the tray table (2) and press it against the rotating disc (1). It's prohibited to use the trimmer with inadmissible material.
4. Always turn off the trimmer when not in use.

### 4.2 Cleaning

1. Turn power switch (8) off.
2. Pull power plug (9) from socket.
3. Wait until the grinding disc has stopped completely.
4. Remove the security screws and open the quick releases (4a und b). Move the front (5) forward to remove.
5. Clean the front under running water. Clean the inside with a damp cloth.
6. Clean the rubber gasket. Reinsert the front (5) and lock it with quick releases (4a and b) and reinsert the security screws.

## 5 Troubleshooting

Machine doesn't work at all.	a. Check domestic fuses. b. Check device's fuse.
Abrasive power diminishes.	a. Replace worn or defective grinding discs. b. Clean dirty grinding discs (e.g. with steam cleaner).
Machine is untight.	a. Check correct fitting of the front cover (5). b. Clean the sealing behind the front, maybe grease sealing with vaseline. c. Replace sealing.

## 6 Maintenance

- Regularly check the appliance for visible damage to the housing or power cord.
- Clean the front and inner grinding area once a week (see chapter 4.2 cleaning).
- Clean the housing regularly with a damp cloth and use REITEL stainless steel care spray.

### 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



Disposal of our devices once you've finished with them in accordance with the local regulations. For further information please contact your distributor.

## 9 Spare Parts List

Best.Nr. neu 2018	Rotogrind mini (034) Ersatzteilliste / Spare Parts 03/2019	Stck/ME Qty.	ME Unit
E6014500	Ablaufschlauch Di 30 mm Drain hose	0,5	m
E7871410	Dichtungsgummi für Frontabdeckung Front rubber seal	1	Stck piece
E7813400	Dichtungsprofil ( Frontausschnitt ) Seal profile	0,8	m
E6158000	Kantenschutzprofil für Modelltisch Edge protection profile for model table	0,3	m
E6019720	Schalter mit Wiedereinschaltenschutz Switch incl. restart protection	1	Bgr assy
E6293000	Schleifscheibenaufnahme Alu Disc support	1	Stck piece
E7247600	Sechskant- Winkelschraubendreher SW 4 Allen wrench SW4	1	Stck piece

## 10 EC-Conformity Declaration

### EG-Konformitätserklärung EC-Conformity Declaration CE-Déclaration de Conformité

im Sinne der EG-Richtlinie 2006/42/EG über Maschinen (Anhang II A)  
according to Machinery Directive 2006/42/EC (Appendix II A)  
au sens de la Directive Machines 2006/42/CE (Annexes II A)

#### 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 die Maschine in dem Zustand, in dem sie 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 unauthorised 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 die nachstehend beschriebene Maschine/**We hereby declare** that the machine described below/**Nous déclarons** que la machine ci-dessous

**Produktbezeichnung/Product name/Nom du produit:** Nasstrimmer/  
Wet Trimmer/  
Taille – Modèle à eau  
**Typenbezeichnung/Type/Type:** ROTOGRIND MINI

allen einschlägigen Bestimmungen der Maschinenrichtlinie 2006/42/EG sowie der Richtlinie 2014/30/EU (EMV-Richtlinie) über elektromagnetische Verträglichkeit entspricht. Die Schutzziele der Richtlinie 2014/35/EU über elektrische Betriebsmittel sowie 2011/65/EU (RoHS 2) werden eingehalten./is in conformity with all applicable requirements of the Machinery Directive 2006/42/EC and the Electromagnetic Compatibility Directive 2014/30/EU. The safety objectives of the Directive on Electrical Equipment 2014/35/EU as well as the Directive 2011/65/EU (RoHS 2) are adhered to./est conforme aux dispositions applicables de la Directive Machines 2006/42/CE et de la Directive Compatibilité Electromagnétique 2014/30/EU. Les objectifs de sécurité de la Directive sur les Matériels Electriques 2014/35/EU ainsi que de directive 2011/65/EU (RoHS 2) sont respectés.

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

EN 12100:2010	EN 61010-1:2001
EN 60204-1:2006	EN 61000-6-1:2007
EN 45635-1	EN 61000-6-3:2007

#### Bevollmächtigter für die Zusammenstellung der relevanten technischen Unterlagen/Representative authorised to compile the relevant technical documentation/Personne autorisée à constituer la documentation technique pertinente:

Daniel Reitel  
Reitel Feinwerktechnik GmbH  
Senfdamm 20  
49152 Bad Essen

06.02.2018

Ort, Datum  
Place, Date  
Lieu, Date

Daniel Reitel, Geschäftsführender Gesellschafter/Managing Director/  
Directeur Général



Unterschrift/Signature/  
Signature

We manufacture in compliance with Quality Management ISO 9001:2015 incorporating established standards.



**REITEL Feinwerktechnik GmbH**  
Senfdamm 20 | 49152 Bad Essen  
Phone: +49(0)5472-9432-0 | Fax: +49(0)5472-9432-40  
[www.reitel.com](http://www.reitel.com) | [info@reitel.com](mailto:info@reitel.com)