

Operating Instructions

SONIRET

LABORATORY EQUIPMENT IN STAINLESS STEEL



REITEL Feinwerktechnik GmbH

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Dear Customer!

The ultrasonic unit SONIRET offers a rapid and highly efficient method of precise cleaning of different instruments and objects. Both time and temperature can be set on the control panel. 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.

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1 Technical Description

1.1 Basic Equipment

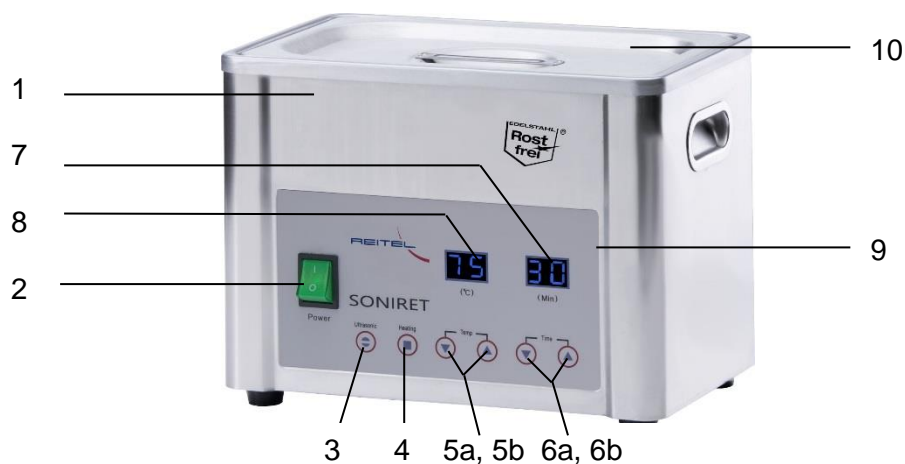
- Ultrasonic cleaning unit SONIRET
- Lid

1.2 Special Accessories

- Order-No.: 20400000 Insert tray, stainless steel
- Order-No.: 20401000 Insert tray, plastic
- Order-No.: 20402000 Glass beaker, low form with spout and ring
- Order-No.: 20403000 Stainless steel positioning cover for beakers and round insert baskets
- Order-No.: 20404000 Insert basket round, stainless steel, D=60 mm
- Order-No.: 20405000 Insert basket round, plastic, D=60 mm

1.3 Operating elements

- 1 Housing
- 2 Power switch
- 3 Ultrasound
- 4 Heating
- 5 a, b Temperature control (cleaning temperature setting)
- 6 a, b Timer (cleaning time setting)
- 7 Cleaning time display (min.)
- 8 Temperature display (°C)
- 9 Protective front foil
- 10 Cover



Front view

1.4 Technical Data

| | |
|--|-----------------|
| Line voltage | 230 V/50-60 Hz |
| Current consumption | 200 W |
| Tank dimensions (height/width/depth) | 100/240/140 mm |
| Device dimensions (height/width/depth) | 210/280/190 mm |
| Weight | 4,5 kg |
| Frequency | 40 KHz |
| 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 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 Instructions

- The SONIRET Ultrasonic cleaning unit is exclusively destined for cleaning items and must not be operated without liquid in the bath.
- Do not pour hot water into the bath. The heating shall only be used for heating cleaning fluid.
- Add the required dose of cleaning additive!
- The unit may not be operated permanently at maximum temperature.
- Never use flammable solutions. Danger of fire and explosion!
- Depending on the operating time the device's surface, cleaning fluid, cleaning basket and cleaned items may become very hot. Danger of scalding!
- Never expose hands to cleaning solutions or items during cleaning process (cleaning tank, basket, items to be cleaned, etc.). Danger, among others, of cracking finger nails.
- We assume no liability for damage to persons, the unit or items to be cleaned, caused by subjecting the bath to improper treatment or misuse.
- Installation in a special protective cabinet may be useful when operating the unit at high temperature or when using certain cleaning additives.

Attention:

- Switch off the device before repair
- Repairs only by qualified personnel
- Use goggles, do not use toxic / flammable substances

3 Installation

The equipment delivered 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 chapter 2.

4 Operation

Note:

- Do not permanently operate the unit at max. temperature.
- Best cleaning results are often achieved at medium temperatures (40-50°C).
- Heating with lid accelerates temperature rise.
- Always keep the housing clean and dry.

1. Never operate an empty bath! Max. filling level 2/3 of the tank=2,0 l with the required dose of cleaning additive. (Refer to safety notes in chapter 2!) Please see information on the required dose on the product label of the cleaning fluid.
2. Switch on the main switch (2) to start the device.
3. Put the items to be cleaned in the metal basket and place the basket in the cleaning bath.
4. Set the required cleaning temperature (20-80 °C):
 - use arrow key (5a) to increase cleaning temperature;
 - use arrow key (5b) to decrease cleaning temperature.Use key (4) to activate heating.
5. Set cleaning time (normally 3-30 min.), depending on degree of item contamination:
 - Use arrow key (6a) to increase cleaning time;
 - Use arrow key (6b) to decrease cleaning time.Use key (3) to start cleaning process. Settings are displayed in full minutes.
6. Once the cleaning cycle has finished, remove the metal basket holding the cleaned items and rinse them in clean water if cleaning additive was used. Finally put on the lid. If the device is not used for a longer time period, dispose of the cleaning fluid according to manufacturer's instructions and wipe the device.

5 Troubleshooting

| | |
|---|---|
| Device smokes (if used for the first time, degassing of residues may be possible) | <ol style="list-style-type: none">1. Heat to 50 degrees and run for 99 minutes,2. if necessary, repeat the procedure and perform with ultrasound |
| Device doesn't start. | <ol style="list-style-type: none">1. Check fuse in the building.2. Check fuse in the device. |
| Device doesn't start. | Check settings. |
| Device does not keep the set temperature after connecting the voice coils. | Voice coils emit additional heat during operation. Adjust the temperature accordingly by up to 10 ° C reduced. |
| Device doesn't clean. | <ol style="list-style-type: none">1. Check temperature settings.2. Use cleaning liquid. |
| Short circuit. | If water penetrates the housing switch off device and pull the plug. Please contact the customer service. |

6 Maintenance

- Regularly check the condition of the device. Pay attention to visible damage to housing or power cord.
- Regularly remove dust deposits on the cooling fan cover of the ultrasound source.
- Regularly check the bottom plate of the cleaning tank for leaks.

Note

Clean and protect your device regularly 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 equipment and to prevent corrosion. The spray creates a lasting, water repellent protective film which keeps 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 authorised 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 authorized distributors. Repairs performed by non-authorized 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 authorized 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 effects 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.

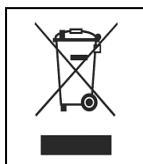
13.

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 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 Rules for Disposal



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

9 Spare parts list

| Best.-Nr.: Ref.: | | Menge Qty. | ME Unit |
|---------------------|--|---------------|------------|
| E6296810 | Frontfolie selbstklebend / Self adhesive front foil | 1 | St./pc. |
| E6299500 | Hauptplatine | 1 | St./pc. |
| E6276000 | Lüfter 50 x 50 x 15 mm / Fan 50 x 50 x 15 mm | 1 | St./pc. |
| E7146320 | Moosgummiprofil, zur Deckel-Dämpfung / Foam rubber profile for lid attenuation | 0,5 | m |
| E6064800 | Schalter, grün / Green switch | 1 | St./pc. |
| E6276100 | Sicherung 0,5 A flink / Fuse 0,5 mm fast | 1 | St./pc. |
| E6299600 | Steuerplatine | 1 | St./pc. |

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: **Ultraschall-Reinigungsgerät/
Ultrasonic Cleaning Device/
Nettoyeur à ultrasons**

Typenbezeichnung/Type/Type: SONIRET

allen einschlägigen Bestimmungen der Richtlinie 2014/35/EU und 2014/30/EU und 2011/65/EU (RoHS 2) entspricht.
is in conformity with all applicable requirements of the Directive 2014/35/EC and 2014/30/EC and 2011/65/EC (RoHS 2).
est conforme aux dispositions applicables de la Directive 2014/35/CE et 2014/30/CE et 2011/65/CE (RoHS 2).

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

DIN EN 61010-1:2013 DIN EN 61000-6-3:2011
DIN EN 61000-6-1:2019 DIN EN 45635-1

11.02.2021

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 13485:2016 incorporating established standards.

