

Operating Instructions

STEAMY PR

LABORATORY EQUIPMENT IN
STAINLESS STEEL



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Dear Customer!

The STEAMY PR is the perfect tool or paper restorators to remove glue from old and precious paper documents with finely dosed steam, providing for optimum temperature and humidity level.

Any other use or use beyond this is deemed improper. For resulting damage the user/operator of this device is solely responsible.

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 at a nominal fee from the manufacturer.

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1 Technical Description

1.1 Basic Equipment

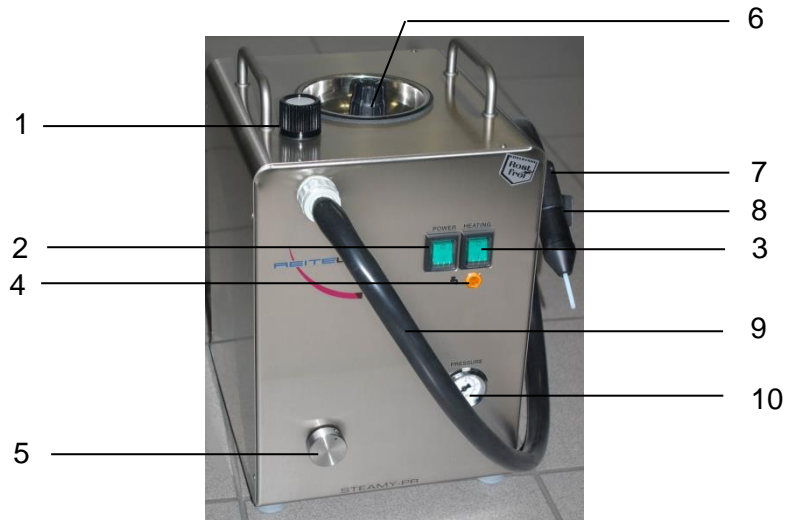
- Steam cleaner STEAMY PR

1.2 Special Accessories

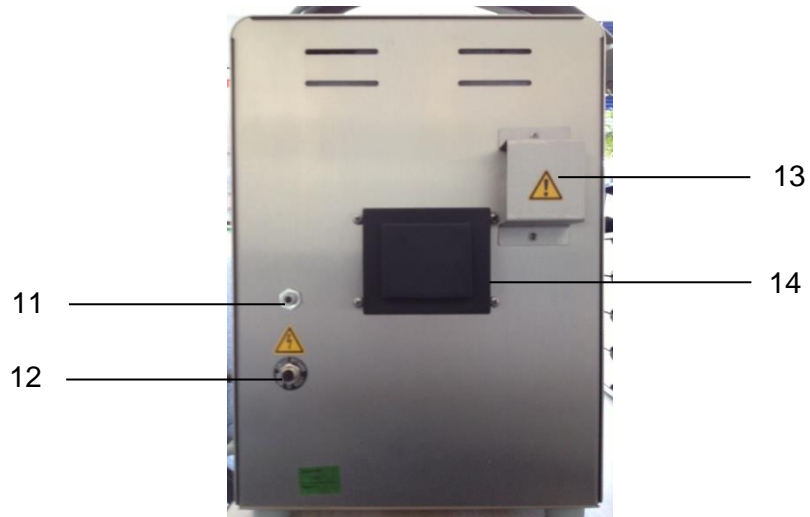
- Order-No.: 20107000 Wall-mounted shelf
- Order-No.: 10106000 BIOSTEAM CENTER with suction
- Order-No.: 10205000 Water softening device DELIMER COMFORT

1.3 Operating Elements

- 1 Steam valve
- 2 POWER switch
- 3 Swith to activate hose heating HEATING
- 4 Indicator lamp „low water level“
- 5 Heating control
- 6 Tank cap
- 7 Steam gun
- 8 Pistol clip (holder)
- 9 Steam gun hose
- 10 Pressure gauge
- 11 Temperature limiter
- 12 Device's fuse
- 13 Safety valve with deflector plate
- 14 Transformer

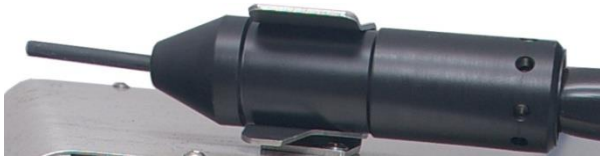


Device view



Backside

1.4 Version with fine nozzle for paper restoration



Fine nozzle

1.5 Version with flat nozzle



Flat nozzle

1.6 Technical Data

Line voltage	230 V/50–60 Hz
Current consumption	2.300 W
Height / width / depth	420 / 300 / 350 mm
Weight	14 kg
Pressure	4 bar
Temperature	150 °C
Volume	5 l
Steam level	1
Filling	manual
Sound level	≤ 70 dB(A)
Housing	Stainless steel
Order-No.:	13001000
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 joints for tightness, if necessary fasten clamps.

2.2 Specific Safety Notes

Note:

- Keep a safe distance of at least 100 cm from the safety valve (Back off the device) to circulation areas or workplaces – Danger of scalding.
 - Ground yourself by laying your flat hand on the steam cleaner's housing. (Gases or fluids glowing through pipes generate static electricity. For safety reasons static electricity is discharged during evaporation by the contact screw at the steam gun's handle. If the user gets an electric shock when touching the device or the steam gun, the person was exposed to static electricity before. The combination of floor covering and shoe soles is often the reason, falling outside the sphere of influence of the steam cleaner's manufacturer.)
-
- We recommend to fill the device only with decalcified or distilled water (damage due to limescale deposits is not covered by warranty). Decalcification is depending on water hardness: every one or two weeks. Verwenden Sie hierfür handelsübliche Entkalkungsmittel und beachten Sie die Herstellerangaben und Vorschriften. It's not necessary when always using distilled water (we recommend to use our water softening device DELIMER COMFORT – see "special accessories").
 - The steam jet is only to be aimed at objects to be cleaned, never at living beings.
 - Only clean appropriate objects ggf. an Muster oder auf unauffälliger Stelle testen.
 - The tank cap (6) may only be opened when the device isn't under pressure
 - The device must not be filled under full heating power and empty tank (danger of scaling).
 - The device should be filled up every morning when it's in a cold state, protecting the heat aggregates as well as the gaskets. An unwanted interruption of operation is also avoided.
 - In case of leaking water out of the housing or tank further use of the device is prohibited (see chapter 5 troubleshooting).

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

4.1 Chronological run of operation

1. Operate the device only when it's filled with water. (Pay attention to safety notes in chapter 2) In order to avoid an unwanted dry-run, a daily filling in the morning is recommended. Turn the heating controller (5) completely to the left (if necessary ventilate tank by activating steam gun). Note: Fill the device only in a cold state. Open the tank cap (6) and fill in distilled or decalcified water up to the edge (a filling funnel is recommended). Close the tank cap (6) and hand-tighten it.
2. Turn the device on with the switch POWER (2). Set heating control (5) to max. If you don't set heating controller to max., the "low water level" indicator lamp lights up (4) despite a filled tank. However the device is ready for operation, but at a low temperature. The heating starts automatically. After approx. 18 min., pressure has been achieved and the indicator lamp goes out if the heating controller was set to max..
3. Start the hose heating with the switch HEATING (3) in.
4. The maximum steam pressure can be modified with the heating controller (5). (Pressure is only built up in the upper quadrant of the controller range. Pressure is built up with delay.)
5. Open the steam valve to take out dry steam (1).
6. Device needs refilling: indicator lamp (4) lights up. For refilling please adhere to chapter 4 Notes for the User, item 1. If the control lamp does not turn off automatically after filling, please press the temperature limiter (11).

4.2 Decalcifying the device when not using distilled water

1. Turn switch POWER (2) off.
2. Let the device cool itself down and empty the tank.
3. Fill the tank with decalcifier according to manufacturer's instructions!
4. Close tank cap (6).
5. Turn switch POWER (2) on. As soon as the pressure starts building up turn down heating controller (5).
6. Let the device cool down. Release pressure and empty the tank.

5 Troubleshooting

Device cannot be switched on.	<ul style="list-style-type: none"> a. Check fuse of the building. b. Check device's fuse
Safety valve (10) opens or water leaks out.	<ul style="list-style-type: none"> a. Turn the control unit (5) down and call customer service. ATTENTION: If used, do not remove cover and do not close opening. b. Tank is overfilled → drain off some water.
Control lamp (7) shines although there's enough water in the tank.	Temperature limiter (11) or control unit (5) might be released → Set control unit to max and push temperature limiter back in again after cooling down - for this purpose remove black protective cap
Tank cap (6) can hardly be opened.	Ventilate tank by activating steam gun switch „hot water“ (18)
Tank cap (6) untight.	→ Replace cap or seal.
No steam.	<ul style="list-style-type: none"> a. Cold water was refilled and device is heating up. b. Device is calcified, blocked valve, switches or valves defective → Call customer services.
No steam pressure.	1. Regulator (5) was not set to max.
Pistol drips.	Device might be calcified or the valve blocked → Decalcify or use distilled water.
Electric shocks when using the steam gun	Touch the contact screw (15) on steam gun while jetting (see chapter 2.2 Specific Safety Notes).
High wear of seals.	→ Prior to heating up ventilate tank by activating steam gun switch „hot water“ (18).
Device doesn't work after turning it on, main switch (2) doesn't shine.	No power at the socket → check fuse for the building.
Device's fuse has blown.	→ Press overcurrent protection knob/device's fuse knob (12) in.
Short circuit	<p>Water in housing: shut down the device and call customer service.</p> <p>Attention: Water temperature might be up to 160°C – Danger of scalding!</p>

6 Maintenance

- Regularly check the device's state. Pay attention to visible damage to housing or power cord.
- When using hard water we recommend regular decalcification (chapter 4: Notes for the user, 4.2 Decalcifying the device when not using distilled water).
- Clean the housing regularly with a moist cloth.

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 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 laws our devices are 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
E6220810	Drehknopf / Rotary knob	1	St./pc.
E6227420	Dampfkesselbaugruppe mit SHV + Druckschalter, inkl. E62277 / Tank with safety valve + pressure switch, incl. E62277	1	St./pc.
E6221500	Dichtung für Flansch / Sealing for flange	1	St./pc.
E7000800	Dichtung für Tankverschluß 5/PACK / Tank cap seal 5 pcs./pack	5	Pack
E6061820	Drehknopf für Regler / Rotary knob for control	1	St./pc.
E6220600	Druckschalter / Pressure switch	1	St./pc.
E6221800	Eckregelventil / Angle valve	1	St./pc.
E6226100	Einfülltrichter inclusive Dichtring / Funnel incl. sealing ring	1	St./pc.
24201000	Flachdüse, inkl. Montageumrüstung / Flat nozzle, incl. Mounting	1	St./pc.
20108000	Abdampfhandstück-Halter / Steam gun holder with stand	1	St./pc.
20101100	Abdampfschale mit Handstückhalter / Steam bowl with steam gun holder	1	St./pc.
E6220220	Gehäuse / Housing	1	St./pc.
E6032500	Griff inclusive Scheiben / Handle incl. discs	2	St./pc.
E6060200	Gummipuffer (4 Stück) / Rubber buffer feet	1	St./pc.
E6225700	Gummiring / Rubber ring	1	St./pc.
E6227700	Heizkörper inclusive Flansch und Dichtung / Heating element incl. flange and seal	1	St./pc.
E7327600	Isoliermatte (nicht gezeichnet) / Isolation mat (not drawn)	1	St./pc.
E6021200	Kabelverschraubung / Cable screwing	1	St./pc.
E6060400	Klammer für Pistole inclusive Halter (bitte angeben, ob schwarze oder blaue Pistole) / Clip for steam gun incl. holder (pls. indicate type of steam gun (black or blue steam gun))	1	St./pc.
E6220400	Manometer / Gauge	1	St./pc.
E6069900	Pumpe für Entkalkung, Handbetrieb / Pump for decalcification, manual operation	1	St./pc.
E6061400	Regler / Control unit	1	St./pc.
E7411200	Relais mechanisch / Mechanic relay	1	St./pc.
E6064800	Schalter beleuchtet grün / Green illuminated switch	2	St./pc.
E6175100	Schlauchpaket, beheizt mit Handgriff / Hose package for steam gun	1	Bgr/unit
E6065000	Schutzkappe für Schalter (2Stck.) / Protective cap for switch (2 pcs.)	1	Satz/set
E6062300	Sicherheitsventil / Safety valve	1	St./pc.
E7431100	Sicherungsautomat 15A Supersteam ab 05.09.06 / Automatic fuse 15A Supersteam from 05.09.06	1	St./pc.
E7413400	Signallampe rot, rund / Round red signal lamp	1	St./pc.
E6063000	Tankverschluß ohne Sicherheitsventil / Tank cap without safety valve	1	St./pc.

E6062020	Temperaturbegrenzer / Temperature limiter	1	St./pc.
E6175600	Transformator für Schlauchheizung 24 V/75 W / Transformer for hose heating 24 V/75 W	1	St./pc.
E6175500	Verschraubung UNI - VS 13 ohne DK, (030) / Screw joint UNI - VS 13 without DK, (030)	1	St./pc.
E7090000	Verschraubungen, bitte Form angeben / Screw joint, pls. indicate the form	1	St./pc.
E6071900	Zuleitung / Feed	1	St./pc.

10 EC-Conformity Declaration

EG-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: Dampfstrahlgerät/
Steam Cleaner/
Machine à vapeur

Typenbezeichnung/Type/Type: STEAMY PR

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

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

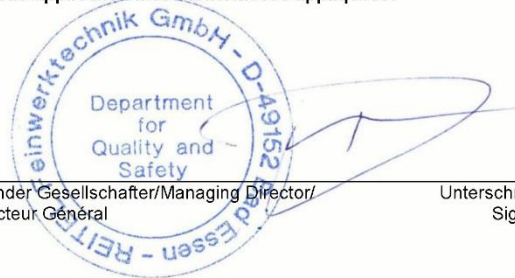
EN 61010-1:2001

04.03.2018

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.



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