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Operating Instructions

Supersteam

Dear Customer !

With the purchase of this SUPERSTEAM you have made your decision for a quality product.

The main features of Reitel devices are the high technique, longevity, high wear resistance as well as easy maintenance. They are subject to the ISO 9001-2000 quality rules which are stipulated and controlled.

Please make sure you read the operating instructions, especially the safety directions, and to observe them carefully before installing and commissioning the 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.

Technical Description

The Supersteam is a steam cleaner with the possibility of dry and wet steam or hot water jet cleaning. With this Supersteam you're able to clean and degrease devices without any chemical additives.

CONTENTS

- 1. Equipment
 - 1.1. Special Equipment
- 2. General safety instructions
 - 2.1. Specific instructions for this device
- 3. Installation
- 4. Operation
 - 4.1 Filling
 - 4.2 Chronological run of operation
- 5. Troubleshooting
- 6. Maintenance
- 7. Warranty
- 8. Technical Data
- 9. Key
- Z1 Device's chart
- A1 Spare parts list

1. Equipment

1.1. Special Equipment

- Order-No. 20101 Steam bowl
- Order-No. 20102 Steam centre
- Order-No. 20003 Tweezers
- Order-No. 23001 Stand for handpiece
- Order-No. 20703 Trolley
- **Order-No. 10201 Water softening device “Delimer”**
 - Ion exchanger with self-regeneration without cartridge change.
 - Decalcifies water for steam cleaners or other devices.
 - For direct connection or manual withdrawal from water tap.
 - Low salt consumption.
 - The only device on the market of this size.

2. General Safety Instructions

- These instructions must be read and followed by all personnel who use this device.
- Furthermore, personnel should follow all local safety rules.
- 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!
- This equipment has been designed to be used only for its intended purpose. All other uses must be prohibited for safety reasons.
- It is prohibited to take off housing parts or safety parts.
- This device should not be left running while unattended.
- 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.
- 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.
- Repairs should be carried out only by the manufacturer or by personnel appointed by the manufacturer. Appointed personnel must present written proof of qualifications and required training. The appointed personnel bear responsibility for completing the work properly and for adhering to accident-prevention regulations (UVV).
- Use original spare parts only.
- When carrying out maintenance works or repairs or when opening the device always turn off the main power switch and unplug the whole unit.
- Modifications may only be made after consultation with, and by permission of, the manufacturer. Modifications without permission will void all warranty and liability claims.

- The device should only be set up in a heated, well-ventilated, clean room. Supporting surfaces should be straight, flat and adequately stable.
- It is not allowed to place anything on top of the machine.
- REITEL GmbH assumes no liability for damages to surfaces caused by equipment supports/feet.

2.1. Specific Instructions for this device

- This device should only be filled with decalcified or distilled water.
Warning: Only use suitable decalcifier according to manufacturer's recommendations.
- The device must not be filled under pressure and not be connected to the water supply.
- The tank cap (TV) may only be opened when the device isn't under pressure.
- The device must not be filled if the heater is hot and the tank is empty (danger of scalding).
- The steam jet is only to be aimed at objects to be cleaned, never at living beings!
- Please make sure that everybody leaves at least 1 m distance to the side at which the outlet of the safety valve (SHV) is situated. The minimum distance to heat-resistant things is 4 – 5 cm, to non heat-resistant things 30 cm.
- The device should be filled up every morning when it's in a cold state, this saves the heat aggregates as well as the sealings.

3. Installation

1. The equipment delivered is ready for immediate use. The plug can be connected directly to the mains supply 230 V / 50 Hz. Check the voltage.
2. Connect air supply at the device's back (max. 5 – 6 bar).

4. Operation

4.1 Filling

- | | |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 1. Turn the heater off | - Turn power switch (SE) off or control unit (RH) to the left. |
| 2. Fill the tank up when the device is still cold. | - Ventilate the tank by key (TD) shortly.
- Open tank cap (TV). |
| 2.1 Filling up when the tank is under pressure. | - Ventilate the tank: open the tank cap carefully, let the steam out by the pistol (press the red key "TD"). |
| 3. Fill distilled or decalcified water up to the top. | - Don't put too much water in.
- Use a hopper. |
| 4. Close the tank cap (TV). | |

Important: To avoid that the machine will run dry fill water up every morning!

4.2 Chronological run of operation

- Turn power switch (SE) on.
- Turn the heating on via switch and control unit
 - After about 15 min., the requested steam pressure is reached.
- Adjust the pressure: press control unit (RH)
 - The pressure builds itself up only in the upper quarter of the control unit range delayed.
- Take out steam and water
 - take out dry steam
 - press the red key (TD)
 - take out water
 - press the black key (TW)
 - take out wet steam
 - press both black and red key
- Adjust steam amount
 - humidity/water amount
 - open: turn control unit (RF) to the left
 - close: turn control unit (RF) to the right.
- Take out air for blowing dry
 - press key TL – humidity remainder will go off first
- Take out cold steam
 - press TL and TD
- Device needs to be refilled
 - if the heating's control unit (RH) is set to max. the control lamp is on which means the device needs refilling (look at 4.1). The heating will turn itself off automatically.

5. Troubleshooting

- Safety valve (SHV) opens
 - Turn the control unit (RH) down and inform customer services.
- Tank cap (TV) untight
 - Replace cap or seal.
- No steam / no water
 - Device might be calcified or the valve blocked.
 - Push buttons or valves damaged (inform customer services).
- No steam pressure – device is cold
 - Temperature limiter might be released - press it back in again after 5 min.
 - Is the control unit (RH) set to max?
- Pistol drips
 - Device might be calcified or the valve blocked.
- Static charge
 - touch the contact screw (KS) on pistol while jetting
- High wear of seals
 - ventilate tank by using red pistol holder before heating up
- Tank cap can hardly be opened
 - after device has been filled up, just close cap as hard as necessary, before opening press the TD twice.
- Device doesn't work after turning it on (main switch (SE) doesn't
 - no power at the socket (check fuse for the building)
 - device's fuse (SIG) blown – unplug the whole unit and change

glow)

the fuse (SIG)

- Short circuit
 - water in housing (dry device)
 - heating, transformer, valves etc. damaged (inform customer service)

6. Maintenance

Decalcifying

1. Turn switch (SE) off.
2. Let the device cool itself down and empty it.
3. Fill decalcifier in according to manufacturer's instructions.
4. Close tank cap (TV) and turn up control unit (RF) + (RM). Put device on the right hand side.
5. As soon as the pressure starts building up, put the pistol's nose into a bucket filled with water and press the red and black push button (TD/TW) of the pistol several times. When pressure is built up more than 1 bar turn the control unit (RH) down.
6. Let the device cool down, let the steam out until pressure is "0", empty the boiler and rinse thoroughly with strong water stream several times.

7. Warranty

We give a

1 year's warranty

beginning from the official date of purchase. This warranty covers all defects traceable to materials, design or workmanship. During this time, we'll repair these defects at no charge. Please carefully pack and ship the device pre-paid to us, along with a report describing the defect. You must also include a copy of your invoice.

This warranty does not include consumable parts. We assume no liability for damages caused by inappropriate use, damages caused by continued use of malfunctioning equipment, or any other damages. This warranty does not apply to equipment which has been modified, whether by the purchaser or any other third party.

Equipment loans:

Should you need to lend out 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 will be charged for hired devices as well as for shipping and packaging.

8. Technical Data Supersteam

Line voltage: 230 V / 50 Hz

Current consumption: 2000 W

Height, width, depth: 415 / 300 / 350 mm

Weight:	15 kg
Pressure:	0 - 6 bar
Capacity:	5 litres
Noise level:	65 db (A)

9. Key

TV	Tank cap
SE	Power switch
AL	Pistol hose
LT	Control lamp lack of water
RH	Heating's control unit
SHV	Safety valve
DP	Pistol for taking out steam
TD	Pistol's push button for steam
TL	Pistol's push button for taking out air
TW	Pistol's push button for water
TB	Temperature limiter
KS	Contact screw
SIG	Device's fuse
PK	Pistol clamp
MD	Pressure gauge
RF	Control unit for humidity
RM	Control unit for quantity