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# HedenT

## **Instruction Inkosteam and Inkosteam II**

### **Installation**

Fix wall mounting splint onto the wall and hang on the unit onto the wall mounting splint.

Connect the water tube onto a water tap and open the water tap.

Connect power supply. In case the unit is shipped without power plug, make sure that the green/yellow wiring is connected to ground.

Plug the foot pedal cord into the socket on the right side of the unit.

Turn on the unit by pushing the green power switch (right side). The green light filling goes on. The unit fills water automatically. When maximum water level is reached, the green light goes off and the red light is going to be on. The unit heats up until the working pressure is reached. (pressure gauge shows 4 bar). The first heat up takes approximately 10 minutes.

The unit is ready for use for whole day. Push the foot pedal for using the unit.

Attention for Inkosteam II

Push the foot pedal for regular steam. For wet steam push the foot pedal completely down (second level).

When unit is not needed for longer time, close water tap and turn off the power switch

### **More information.**

The tap water pressure has to be more than 4 bar. In case of lower water pressure, it can happen that the unit works with lower pressure during the automatic filling process.

The unit is manufactured with double safety. One pressure overload valve on top and one thermal circuit breaker (red button on right side).

The lime scale which comes from tap water into the tank has to be removed frequently each three or four month.

### **Removal of lime scale**

Lime scale removal has to be done in the morning, when the unit is absolutely cooled down and is not under pressure. Be sure that the power switch is turned off and water tap is closed.

Open the tank opening on top and fill up 150 grams of lime scale removing powder by using the funnel. Close the opening on top. Turn on the unit until the pressure gauge shows 2 bar. Turn off the unit. Let the lime scale remover work for 20 minutes. Lay down the unit on left side and open the tank outlet on right side of unit. Connect the water drainage tube with the outlet

Put the unit in vertical position and open the opening on top. The water with lime scale remover is draining out.

When unit is empty, fill water into the tank opening by using the funnel and rinse the tank.

After that, close all tank openings. Do not turn to much strong.

Hang the unit onto the wall mounting, open water tap and turn on power switch.

The unit is ready for use in the next 10 minutes.

### **Attention:**

The heating element includes a thermal circuit breaker. The red button of the thermal breaker is installed underneath the power switch. In case the heating element overheats or the unit cools down below 0° Celsius (stored in very low temperature/transportation), the thermal circuit breaker cuts off all functions.

Push that red button first if the unit has room temperature. **Urgent:** If the thermal breaker cuts off more than three times, send report to the maintenance station.

**Never remove the hose from tab if the pressure gauge shows pressure and the unit is turned on.** The water input hose includes a small water filter. It is recommended to clean that filter after 3 years or if the unit does not fill water. The small filter is installed inside of angle fitting on right side of the unit.

#### Technical dates

High 435mm    Length 300mm    Depth 275mm  
weight 11kg    Working voltage 24VDC    Voltage 240VAC  
Power consumption 2200W    Water Volume 1.8 liters



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# Hedent

#### Trouble shooting Inkosteam

In case of trouble with the unit:

- Did the unit work, before something was going wrong?
- Is the power switch illuminated?
- The water tap was opened?
- Is electric power coming to the power cord?
- Is something wrong with the fuse of power connection?
- What shows the pressure gauge?
- Did you push the heating overload switch (red button)?

Here once more some information about the function of the unit.

First connect the unit to water tap and electric power. Switch on the green power switch. The green light for filling process is lighted. The unit fills automatically until the right water level is reached.

After filling the water input valve closes and the heating element heats up.

The green light is off, the red light is on.

When pressure gauge shows 4 bar. The heating element goes off.

The unit is ready for use by pushing the foot pedal.

The heating element goes on, when steam pressure is below 3.7 bar.

When minimum water level is reached, the heating element goes off (red light off) and the water input valve opens (green light is on).

Inside of the unit, you find three relays installed on the circuit board.

The relays for filling are installed on black sockets, the relay for heating is installed in single position (socket with white wirings).

In case of non filling.  
Check green light. Is water tap opened?

Check water tap fitting. The water hose includes a small filter. That filter can be blocked.

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**For trouble shooting, copy that form, fill out that form and fax to Hedent**

**Serial number of the Unit:.....very important**

Fill out the form completely.

Is the power switch: on/off.....

Is the power switch illuminated?.....Yes / No.....

What shows the pressure gauge?.....bar .....

Which indicator is on in one moment?.....green light / red light / nothing..

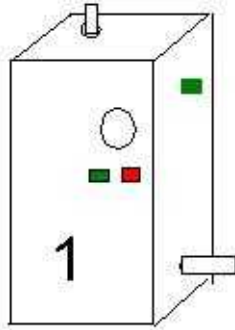
What comes out through the nozzle,  
if the foot pedal is pushed? Nothing / slow steam / cold water / hot water

Is the unit leaking? Where.....

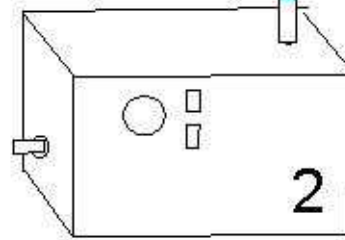
Something wrong ? (describe).....

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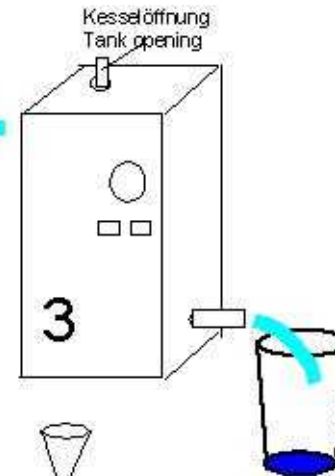
1. Gerät abschalten, Wasserhahn zudrehen, warten bis das Gerät abgekühlt ist und das Manometer keinen Druck anzeigt. Cut off the unit and close water tap. Wait until the unit is absolutely cooled down and the pressure gauge shows 0 zero



2. Gerät auf die linke Seite legen, Kesselablass-Schraube vorsichtig öffnen und Ablass-Schlauch anschliessen. Place the unit onto the left side panel, open the tank outlet carefully and connect the drainage hose.



Kesselöffnung  
Tank opening

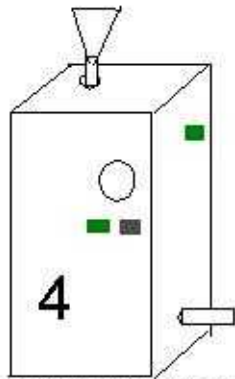


3. Obere Kesselöffnung öffnen, Wasser in ein Behälter ablassen und Schmutzrückstände prüfen. Danach Schlauch entfernen und Kesselablass schliessen. Open the tank opening on top, drain off the water completely into a bucket and check the soiling. After that disconnect the hose and close the tank outlet.

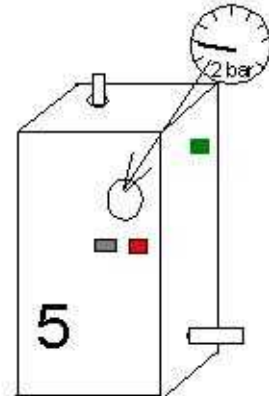


Zum Füllen des Gerätes 150g Entkalker mit 1,7l Wasser anmischen. For filling the unit, mix 150g lime scale remover with 1,7 liters water.

4. Gerät einschalten, Fuss-Schalter betätigen und Entkalker über den Trichter gleichzeitig einfüllen bis rote Lampe aufleuchtet. Obere Kesselöffnung schliessen. Turn on unit, push foot pedal and fill up lime scale remover by using a funnel in the same time till red light is illuminated. Close tank opening on top.



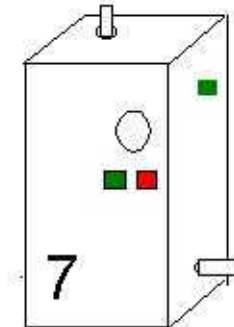
5. Gerät heizen lassen, bis Manometer 2 bar anzeigt. Danach Gerät abschalten und warten bis das Gerät abgekühlt ist (Manometer 0 bar). Let unit heat up until the pressure gauge shows 2 bar, cut off the unit then and wait till the unit is cooled down (pressure gauge shows 0 zero bar)



6. Wie bei Punkt 2 + 3, Gerät mit Schlauch wieder entleeren und mit reichlich Wasser über Trichter nachspülen. Danach alle Öffnungen schliessen. Drain off the lime scale remover as step 2 + 3 and rinse the unit with much water by using the funnel. After that, disconnect the hose and close all openings



7. Wasserhahn öffnen, Gerät einschalten. Das Gerät ist nach ca. 10 Min. betriebsbereit. Open water tap, turn on power switch. The unit is within 10 minutes ready for use.



Inkosteam Anleitung zum Entkalken/ Instruction for lime scale removing Hedent GmbH D-61440 Oberursel, Germany Tel (49) 06171 52036 Fax 52090 L:\Hedent\ANLEITG\entk.sxd