





SANI SYSTEM POLTI



Read these instructions carefully before using the appliance.

The POLTI SANI SYSTEM delivers saturated steam at a high temperature combined with the sanitising agent HPMED, for the purpose of lowering the microbial, fungal and viral loads of the surfaces to which it is applied. This makes it possible to reduce the possibility of cross-infections.

The POLTI SANI SYSTEM is suitable for use anywhere where it is important to reduce biological contamination (hospitals, nursing homes, doctors' surgeries, public places, means of transport, food-processing companies, pharmaceutical companies, and so on).

KEY

GENERATOR

- A) Main switch
- B) Boiler switch
- C) "Steam ready" indicator lamp
- D) "No water" indicator lamp
- E) Steam control knob
- F) Pressure indicator
- G) Tank cap
- H) Power cable
- I) Carrier handle
- L) Hose-holder rod
- M) Steam hose

DELIVERY SYSTEM

- N) Delivery indicator lamp
- O) Nozzle handle
- P) Steam delivery push-button
- Q) Fitting for disposable bottle
- Q1) Disposable bottle of HPMED
- R) Adaptor for creating concentrated steam jet
- S) Spacer
- T) Brush

TECHNICAL DATA

Voltage:.....	220-240 V~
Frequency:.....	50/60 Hz
Max. current:.....	11A
Max. wattage:.....	2500W
Boiler wattage:.....	2200W
Delivery unit wattage:.....	950W
Protection class:.....	IPX4
Fuses:.....	16A
Operating temperature:.....	from 18 to 35°C
Operating humidity:.....	from 40 to 70 %

PERFORMANCE

Steam consumption:.....	0-86 g/min
*Guaranteed average consumption of	
HPMED:.....	0.4 g/min
Steam temperature:.....	180°C
Pressure:.....	from 4 to 6 bar
Dry saturated steam	

** The operation time of the disposable bottle strictly depends on the conditions in which Sani System Polti is used and on the wideness of the surfaces to be treated.*



This appliance complies with directive 93/42/EEC

Polti S.p.A. reserves the right to change equipment or accessory specification without prior notice.

PRECAUTIONS

KEEP THESE INSTRUCTIONS

- The appliance is designed and made for use in closed areas, never outdoors.
- **BEFORE STARTING TO SANITISE, IT IS ADVISABLE TO DIRECT THE FIRST JET OF STEAM ONTO A CLOTH OR DOWNWARDS FOR APPROXIMATELY 30 SECONDS WITHOUT HOOKING UP THE FITTING FOR THE DISPOSABLE BOTTLE (Q). THIS WILL ENABLE THE OPTIMUM TEMPERATURE AND PRESSURE TO BE REACHED.**
- Before treating delicate or unusual surfaces with the SANI SYSTEM Polti sanitising system, consult the manufacturer's instructions and always carry out a test on a hidden part or on a sample of the material. Allow the sanitised area to dry in order to make sure that no changes in colour or deformations have occurred.
- Read these instructions for use carefully before using the appliance, and make sure that anyone using the machine is familiar with these instructions and the warnings.
- Any use which does not comply with these instructions will invalidate the warranty.
- The wiring system to which the appliance is connected must always comply with the laws in force.
- Before connecting the appliance, make sure that the mains voltage is the same as the voltage indicated on the data label of the appliance and that the power outlet is connected to earth
- Always turn off the appliance at the on/off switch before unplugging it.
- If the appliance is left unused, always disconnect it from the mains. Never leave the appliance unattended with the cable plugged into the mains.
- Always make sure the appliance is unplugged before performing maintenance work of any kind
- Do not pull the power cable out of the socket, but grasp the plug itself to avoid damage to the socket.
- Do not allow the power cable to be twisted, crushed, stretched, or come into contact with sharp or hot surfaces.
- Do not use the appliance if the power cable or other important parts are damaged.
- Do not use electric extension leads that are not authorized by the manufacturer, as they may cause damage or fire.
- Never touch the appliance with wet hands or feet with the cable plugged into the mains.
- Do not use the appliance when barefoot.
- Do not use the appliance near a bathtub, shower or container full of water
- Never immerse the appliance, the cable or the plugs in water or another liquid.
- Use of the appliance in places where there is a danger of explosions is prohibited.
- Do not use the product with toxic substances.
- Do not lay the hot appliance on surfaces sensitive to heat.
- Do not leave the appliance exposed to wind or rain.
- Do not place the appliance near a live element, an electric stove or any other source of heat.
- Do not expose the appliance to extreme temperatures
- Never let children or people who are not familiar with how the appliance works use it.
- Do not press the buttons hard or with a pointed object such as a pen.
- Always rest the appliance on a stable surface.
- In case of accidental fall of the appliance it is necessary to have it checked by an authorized Service Centre as the internal safety features may have been affected.
- In case of breakdown or malfunction switch off the appliance and never attempt to disassemble it, but refer to an authorized Polti Service Centre.
- To avoid prejudicing the safety of the appliance, use only original spare parts and accessories approved by the manufacturer.
- Do not wind the power cable around the appliance, especially when the appliance is still hot.
- During refilling with water, switch off and disconnect the appliance from the mains.
- It is necessary to keep the unit in horizontal position during operation.

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- Do not direct the steam jet onto electrical and/or electronic appliances.
- Let the appliance cool down before cleaning it.
- Before storing the appliance make sure that it has completely cooled down.
- This appliance is equipped with safety devices which are to be replaced only by a suitably qualified technician.
- Do not put any detergent or chemical substance in the boiler.
- Do not direct the steam jet at people, animals or debris.
- Never place your hands inside the jet of steam.



ATTENTION:
Danger of burns!

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.



WARNING: High temperature.
Danger of burns! Do not touch the parts indicated on the product

WARNING: Do not use any chemical products other than those recommended by the manufacturer of the device.

Polti S.p.a. guarantees correct operation of the machine and an adequate bactericidal, fungicidal and viricidal effect of the system only if it is used with the HPMED sanitising agent. If products other than HPMED are used, Polti will accept no liability and the guarantee will be invalidated.

CORRECT USE OF THE PRODUCT

This equipment is a Class IIA medical device intended for professional use, in accordance with the descriptions and instructions contained in this manual. It delivers saturated steam at a high temperature combined with the sanitising agent HPMED, for the purpose of lowering the microbial, fungal and viral loads of the surfaces to which it is applied. This

makes it possible to reduce the possibility of cross-infections. Read these instructions carefully and keep them for future reference.

Polti S.p.A declines liability for any damage or accident derived from any use of this appliance which is not in conformity with the instructions contained in this manual.

ATTENTION

Directive 2002/96/EC (Waste Electrical and Electronic Equipment - WEEE):

information for users

This product complies with EU Directive 2002/96/EC.



The crossed-out wastebasket symbol on the appliance means that at the end of its useful lifespan, the product must be disposed of separately from ordinary household wastes.

The user is responsible for delivering the appliance to an appropriate collection facility at the end of its useful lifespan.

Appropriate separate collection to permit recycling, treatment and environmentally compatible disposal helps to prevent negative impact on the environment and human health and promotes recycling of the materials making up the product. For more information on available collection facilities, contact your local waste collection service.

HPMED

The sanitising agent

Its characteristics make it the ideal complement to SANI SYSTEM POLTI for sanitising any surface at risk of contamination by pathogenic organisms, and in particular bacteria. The action of HPMED is enhanced when combined with high temperature. Thus, the dry steam of SANI SYSTEM POLTI becomes the ideal means for carrying the temperature and the HPMED sanitising agent, which is able in this way to reach even the least accessible nooks. While it sanitises, it also eliminates smells.

Instructions for use :

Fit the disposable bottle into the delivery device following the instructions in paragraph "DISPOSABLE BOTTLE OF HPMED".

Switch on the “Sani System Polti” machine following the manufacturer’s instructions. Once the system is ready, distribute the steam and HPMED sanitising agent. Mixed with the steam, the product will dry within 30 seconds to one minute, depending on the environmental conditions.

Warnings :

Keep out of the reach of children. Do not ingest. In case of contact with eyes, rinse with plenty of water and seek medical advice.

A safety data sheet is available for professional users.

For professional use only.

HPMED is a cleaning sanitising product for hard surfaces. Contains <5% non-ionic surfactant. (EEC Reg. 648/2004).

PREPARING FOR USE

- Unscrew the cap (G) from the tank and fill the tank with about 4.5l of normal tap water. Disconnecting of the device from the power mains before filling is recommended.
- Fit the carrier grip as shown in Fig.1, tightening the two screws on the rear of the grip to secure it in place.
- Insert the tube-holder rod (L) into its hole (Fig.2).
- Plug the power cable (H) into the panel-type socket on the rear of the device. Plug the connector on the other end of the power cord into a suitable socket with an earth connection.
- Fit the disposable bottle into the delivery device following the instructions in paragraph “DISPOSABLE BOTTLE OF HPMED”.

INSTRUCTIONS FOR USE

- Turn the main switch (A) to the “I” position.
- Press the boiler switch (B). The “Steam Ready” lamp (C) will start to flash. Wait for the flashing lamp (C) to remain steady on (about 5 to 10 minutes). This indicates that the device is ready to be used.
- Press the steam delivery push-button (P) so that steam will be delivered through the nozzle. The “Delivery” lamp (N) will switch off when the heating coil inside the nozzle reaches the working temperature.

The steam delivery button (P) should be in the “Safe Position”, so as to avoid accidental delivery of steam.

Note:

- While the device is being used, the “Steam Ready” lamp (C) will start flashing instead of remaining steady on, and the delivery lamp (N) will light up and then turn off. This indicates that the electric heating coils have switched on in order to keep the pressure in the boiler and the temperature in the delivery nozzle up. This is a normal occurrence, and it is therefore possible to continue the sanitising operations.
- **BEFORE STARTING TO SANITISE, IT IS ADVISABLE TO DIRECT THE FIRST JET OF STEAM ONTO A CLOTH OR DOWNWARDS FOR APPROXIMATELY 30 SECONDS WITHOUT HOOKING UP THE FITTING FOR THE DISPOSABLE BOTTLE (Q). THIS WILL ENABLE THE OPTIMUM TEMPERATURE AND PRESSURE TO BE REACHED.**

TIPS FOR USE

Before treating delicate or special surfaces with the SANI SYSTEM Polti sanitising system, consult the manufacturer’s instructions and carry out a test on a hidden part of the surface or on a sample of the material.

Allow the sanitised part to dry to make sure that no changes in colour or deformations have occurred.

Make sure that the surface to be treated is clean before sanitising it. In the event of visible dirt, clean the surface before sanitising it.

Direct the steam downwards for 2 seconds in order to bring all the components of the machine to their correct temperature, in order to avoid condensation.

Bring the delivery nozzle into a position perpendicular to the surface to be sanitised and keep it at a distance of 10 cm, as provided by the spacer, avoiding direct contact of the latter with the surface. Deliver the steam on a continuous movement, using “brushing” movements to cover the surface to be sanitised.

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Repeated treatments will lead to more efficient sanitising of the treated surfaces.

SANI SYSTEM Polti delivers saturated dry steam that, added to HPMED, will dry without leaving residues within 30 seconds to 1 minute, depending on the environmental conditions.

To sanitise piping, drains, etc., connect the delivery nozzle to the adaptor (**R**), to obtain a concentrated output jet of steam. Before starting to use the device, make sure that the material to be treated can withstand the high temperature.

PRESSURE INDICATOR

Precision: *Class 2.5*

This device has a handy and accurate indicator (**F**) for displaying the operating pressure immediately. When the device is on stand-by, that is to say it is switched on but no steam is being delivered, the pressure is kept steady at between 4 and 6 bars.

ADJUSTMENT OF THE FLOW OF STEAM

This device enables the flow of steam to be optimised by turning the adjustment knob (**E**). To increase the flow, turn the knob in an anti-clockwise direction. If the knob is turned in a clockwise direction, the flow will decrease.

WARNING: The strongest sanitising effect is obtained by setting the steam delivery rate at the maximum level. When a lower setting of the steam delivery rate is used, sanitising will be less effective and/or will take longer.

DISPOSABLE BOTTLE OF HPMED

- Unscrew the cap of the disposable bottle.
- Screw the bottle (**Q1**) to the fitting (**Q**) as shown in Figure 3.
- To connect and disconnect the disposable adapter to Sani System delivery device, fit the coupling on the upper part of the connector (**Q**) into the one placed on the bottom of the delivery device, pressing them together until they click into place (fig.4). To disconnect the connector, simply press the lever on it and separate the two components (fig.5).

As soon as the level of HPMED contained in the disposable bottle drops below the low level indicated on the label, replace it with a new bottle.

Once the disposable bottle has been opened and fitted onto the delivery nozzle, the sanitising efficiency of the product is guaranteed for 7 days. If the bottle has been only partly used after this period of time, it is in any case advisable, therefore, to remove it and replace it with a new one.

Do not refill the disposable bottle.

To carry out correct sanitising, we recommend reading the instructions for using Sani System carefully.

CONNECTION OF ACCESSORIES

The following accessories can be connected to the delivery nozzle:

Adaptor for creating concentrated steam jet (R): This accessory provides a concentrated output jet of steam. To fit this accessory match up the teeth on the adaptor with the openings on the tip of the nozzle. Place the accessories against the nozzle, pushing it as far as it will go, then turn it in a clockwise direction (Fig. 6).



WARNING! When using this accessory, the connector of the disposable bottle (**Q**) must not be connected to the delivery device.

Spacer (S): The spacer is used to keep at the correct distance from the surface to be treated in order to sanitise it correctly. To fit the spacer, insert the tip of the delivery nozzle into the ring of the spacer, first on the side opposite to the fixing ring, then match the ring of the spacer with the tip of the nozzle and fix them together by turning the fixing ring (Fig.7).

SHORTAGE OF WATER

When the water in the tank runs out, the lamp (**D**) will light up and a buzzer will sound. To resume use, fill the tank again as described under the heading "Preparation for use".

SHORTAGE OF WATER IN THE BOILER

The water in the boiler may run out if the recharging system is not working properly. This type of malfunctioning is signalled by the lamp (D) starting to flash and by a buzzer. If the problem persists contact the service centre.

TRANSPORT

This device can be moved easily by means of the transport grip (I) on the rear of the device or using the two side handles. If required, the transport grip can be removed by unscrewing the two wing screws on the rear of the handle.

WARNING: Never drag the device by the nozzle. Move it only by means of the grip (I) or the two side handles.

STORING THE DEVICE.

When you have finished using the device, put it away in a clean and dry place after disconnecting it from the power mains. Keep it away from sources of heat and protect from the weather. Do not expose the device to extreme temperatures. Disconnect the tank (Q) from the nozzle before putting it away or when the device will not be used for some time.

MAINTENANCE

Before carrying out any maintenance on the device, always unplug it from the power mains and allow it to cool down before proceeding.

If the monotube is torn, it must be replaced by an authorised service centre.

Cleaning of the delivery nozzle

Clean the delivery nozzle every 10-15 hours of use. Clean the delivery nozzle using the brush (T) included in the supply, sliding it inside the tube so as to remove any residues of scaling in it (Fig.8).

Lubrication of the coupling

Whenever it is difficult to fit the connector (Q) and in any case when the device has not been used for some time, lubricate the coupling on the bottom of the delivery device (fig.9) with a synthetic lubricant. If you find it

difficult to insert the connector even after lubricating, contact an authorized service center.

Tips

In the event of external factors such as, for example, a sudden change in voltage due to an upset in the network (failure, lightning, etc.), the device may be affected by electrical interference and be subject to temporary malfunctioning.

To reset the device, switch it off and disconnect it from the mains for a few minutes. After this procedure, start it again normally. If it still does not work correctly, ask for a check up at an authorised service centre.

Having the device checked after a problem of this kind is recommended.

External cleaning

For cleaning the outside of the device we recommend using a damp cloth. Do not use solvents or detergents as these could damage the surfaces. Pay special attention to the cleanliness of the outside of the device when moving from one room to another, cleaning the wheels too.

WARNING: For all other maintenance procedures and whenever necessary, contact an authorised service centre. Do not attempt under any circumstances to disassemble the device or to open it.