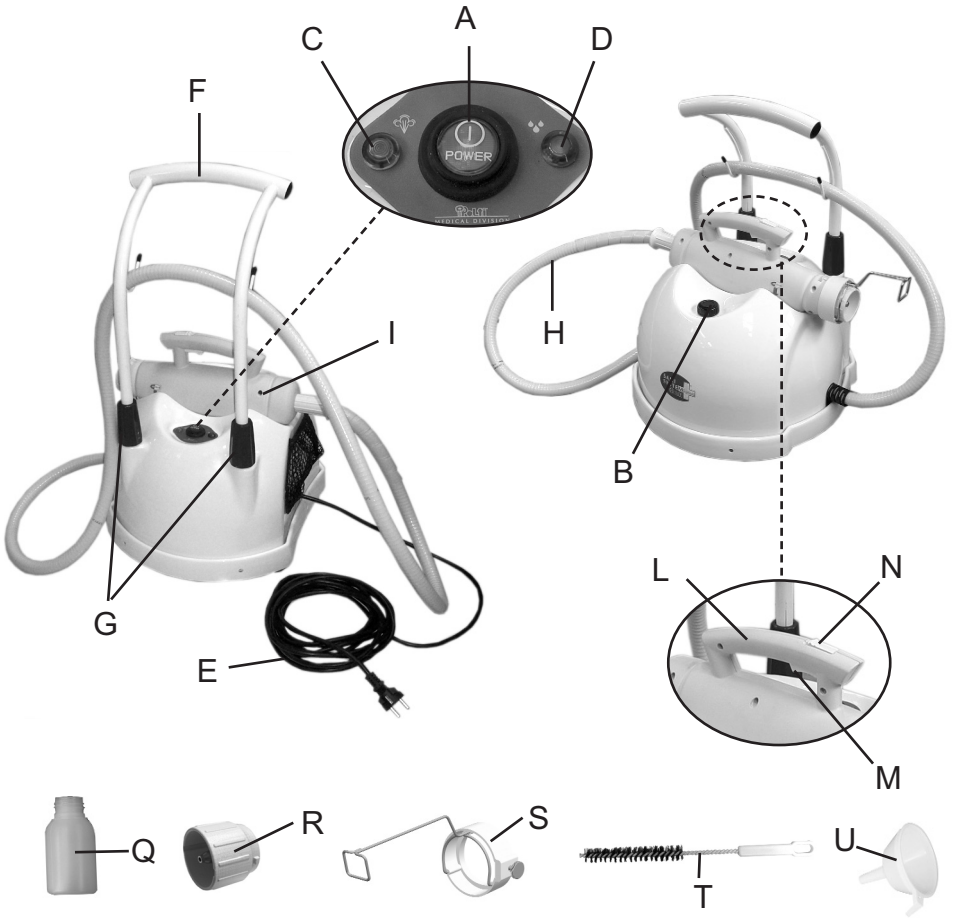
SANI SYSTEM Express

Polti®

CE 0051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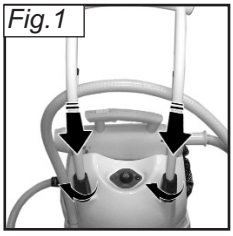
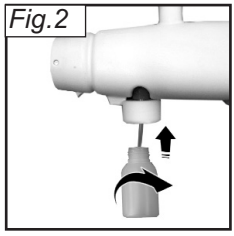


Fig.1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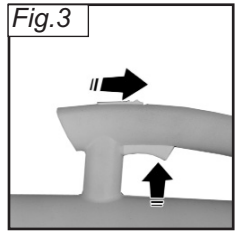
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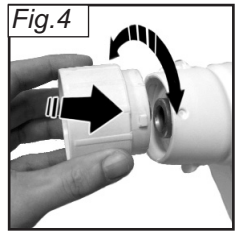


Fig.4

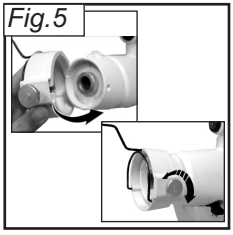


Fig.5

Fig.6

Read these instructions carefully before using the appliance.

The POLTI SANI SYSTEM delivers dry 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)** Tank cap
- **C)** Boiler heating indicator lamp
- **D)** "No water" indicator lamp
- **E)** Power cable
- **F)** Carrier handle
- **G)** Handle locking ring nuts
- **H)** Monotube

DELIVERY SYSTEM

- **I)** Delivery indicator lamp
- **L)** Nozzle handle
- **M)** Steam delivery push-button
- **N)** Safety lever
- **Q)** Disposable bottle of HPMED
- **R)** Adaptor for creating concentrated steam jet
- **S)** Spacer
- **T)** Brush
- **U)** Funnel

TECHNICAL DATA

Voltage:.....**220-240 V~**
Frequency:.....**50/60 Hz**
Max current:.....**9A**
Max wattage:.....**1,9 Kw**
Boiler wattage:.....**1,1 Kw**
Delivery unit wattage:.....**0,75 Kw**
Protection class:.....**IPX4**
Fuses:.....**fast 2XF1 –16A**
Operating temperature:.....**from 18 to 35°c**
Operating humidity:.....**from 40 to 70 %**

PERFORMANCE

Steam consumption:.....**0,086 l/min**
*Minimum consumption of HPMED:**0,4 ml/min**
*Average consumption of HPMED:....**1 ml/min**
Steam temperature:.....**up to 180°C**
Dry saturated steam at high temperatures
Nominal Pressure:.....**5 bar**
Maximum Allowable Pressure:.....**7.3 bar**
Sound emission:..... **LpA = 77 dB(A)**

* *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.*

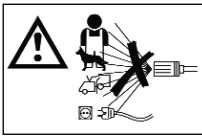
CE 0051 *This appliance complies with directive 93/42/EEC as amended*

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 special surfaces with the SANI SYSTEM POLTI, 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.
- 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 of the appliance are damaged.
- 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 washbasins, bathtubs, showers or containers 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 when repairing or replacing accessories, use only original spare parts.
- 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.
- During operation, it is necessary to keep the unit in a horizontal position with the wheels resting on a firm surface.
- 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.



Never direct the steam jet towards people, animals and 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.
- Never leave the appliance unattended when in operation.
- The appliance should not be used if it has fallen, is visibly damaged or is leaking.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- If extension cords are used, they must be supplied with watertight plugs and sockets.
  WARNING: Do not use electric extension leads that are not authorized by the manufacturer, as they may cause damage or fire.

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.
Polti S.p.a. guarantees correct operation of the system only if it is used with HPMed.
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 dry saturated steam at a high temperature combined with the sanitising agent HPMed. The system lowers the bacterial, 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 all liability for any damages or accidents deriving 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.
Unlawful disposal by the owner involves the application of the administrative sanctions envisaged by current legislation.

HPMED

The characteristics of HPMed make it the ideal complement to the sanitising action of the saturated steam at a high temperature delivered by Sani System Polti.
The system is able to sanitise all surfaces at risk of contamination by pathogenic organisms, such as bacteria, fungi and viruses.
When combined with the steam of the Sani System Polti, HPMed is also able to eliminate 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 normally 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

- Fit the carry handle **(F)** as shown in fig.1, tightening the two handle locking ring nuts **(G)** to secure it in place.The height of the handle can be adjusted; the maximum extension is reached when the end of run "clack" sound is heard; with further motion, the handle can be removed.
- Unscrew the tank cap **(B)** and fill the tank with ordinary tap water, using the funnel provided **(U)**.
  Disconnect the appliance from the mains before filling.
- Insert the power plug **(H)** into a suitable electrical socket with an earth connection.
- Fit the disposable bottle into the delivery device following the instructions in paragraph "DISPOSABLE BOTTLE OF HPMED".

DISPOSABLE BOTTLE HPMED

- Unscrew the cap of the disposable bottle.
- Screw the disposable bottle (**Q**) to SANI SYSTEM POLTI delivery device (fig.2).

As soon as the level of HPMED contained in the disposable bottle drops below the low level indicated on the label, replace with a new bottle.
Once the disposable bottle has been opened and fitted onto the delivery device, sanitising efficiency 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 POLTI carefully.

INSTRUCTIONS FOR USE

- Press the main switch **(A)**: the boiler heating indicator lamp **(C)** will come on.
- Wait for the heating indicator lamp **(C)** to go out (about 5 - 10 minutes). This indicates that the appliance is ready to be used.
- To dispense steam, push back the safety lever **(N)** and at the same time press the steam delivery button **(M)** (fig.3).
  While steam is being dispensed with button **(M)** depressed, release the safety lever **(N)**.The delivery lamp (**I**) will switch off when the heating coil inside the nozzle reaches the working temperature.

Note:

- When the appliance is in use, the boiler heating indicator **(C)** and the delivery lamp **(N)** light up and 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 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. Repeated treatments will lead to more efficient sanitising of the treated surfaces.
SANI SYSTEM POLTI delivers saturated dry steam that, added to HPMED, will usually 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.

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.4).

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.5).

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

There may be a shortage of water in the boiler if the tank has not been filled after the appliance has warned of a lack of water in the tank.This means that there is no more water either in the tank or in the boiler.In this case, the water out indicator light **(D)** will flash.
If, however, there is water in the tank but the same warning is present (light **(D)** flashing), then there may be a problem with the automatic water supply system.Turn off the appliance and disconnect from the power source. Wait for a few minutes and restart the appliance. If the problem persists contact the service centre.

TRANSPORT

The POLTI SANI SYSTEM can conveniently be moved using the carry handle (F) provided.
WARNING: never drag the device by the nozzle. To move it, use the handle **(F)** only.

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.

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.6).

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.

The product has been fitted with anti-tamper stickers.
The warranty will be invalidated if these stickers are removed or damaged by non-authorised personnel.