Flusher disinfectors
for hospitals and nursing houses
Flusher disinfectors for hospitals and nursing houses

Steelco continues to increase its international reputation through its strategy of investment in product development. This range of Flusher Disinfectors offers to the customers a large choice of machines with consistently tested and efficient washing performance. The Steelco range of flusher disinfectors has guaranteed for many years unrivalled hygiene and cleaning standards, it handles and disinfects all reusable items such as bedpans, urine bottles and buckets. With Steelco, both the patients and the nursing staff are assured to be hygienically secure!

Hygiene within hospitals, nursing homes, geriatric wards, rehabilitation centres:

> BP 100 HSER series
  free standing - compact

> BP 100 HE series
  free standing or wall installation

Automatic washer disinfectors

FLY CUTTER drainage bags thermal disinfector
Infection control

Thermal disinfection is the recommended and most efficient method for the disinfection of all reusable items such as bedpans, urine bottles suction bottles and buckets. Flusher disinfectors are a fundamental aid for the control of hospital infections and can significantly improve staff work conditions.

Standard compliant

Steelco Flusher Disinfectors are designed and constructed to comply with the latest European and UK guidelines on decontamination EN ISO 15883-1/3.

Steelco Flusher Disinfectors are classified CE Medical Device (Community rule 93/42/CEE).
Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items. External and inner cabinet made of stainless steel AISI 304. To eliminate the risk of accumulation of dirt and bacteria growth, the internal part of the chamber is manufactured with rounded corners and the interior side of the door with smooth edges.

Steam is distributed inside the chamber through the washing circuits and nozzles to assure at every cycle a perfect disinfection of the treated items, of the chamber and of the hydraulic circuits.

A self disinfecting device

Every Steelco bedpan washer disinfecter model can be equipped with the high efficiency drying/cooling fan system.

An option that allows all receptacles to be rapidly dried and cooled down. To do it in the most hygienic way, the air can be HEPA filtered (H14).

With this option the staff safety is improved when unloading the treated items at the end of the cycle and they can be immediately reused.
Steelcotronic Control System
Steelcotronic Control System, with auto-diagnostic checking that constantly monitors and displays current cycle status and alarms, allows to optimize the washing process and to personalize programs on board of the machine. Three washing and disinfection programs are factory set:
- short - for bedpans and urine bottles containing liquids only
- standard - for bedpans or buckets containing solid residues
- intensive - for suction bottles and whenever in blood presence
three more programs are available to be set by the operator.

Steelco bedpan washers are equipped with a 3 digit LED or 32 digit LCD display control panel that shows, at every moment of the ongoing treatment, the indication of the treatment program, the working phase, the chamber temperature, $A_0$ value during disinfection phase until the reach of the cycle completion.
On the LED control panel, indications are displayed by abbreviations, on the LCD one, the status, alarms and descriptions are extended.

Automatic door opening
All Steelco bedpan washer disinfectors can be equipped with automations to guarantee the nursing staff to be hygienically secure.
Door opening and closing can be controlled by pedals or by an infrared sensor that totally avoids operator-machine physical contact.

Safety first
Door chamber is locked during the whole cycle, door opening is possible only once disinfection is complete.

Safe chemical storage
Chemical tanks can be stored inside the lockable cabinet on the machine basement.
For the wall mounted versions the lockable chemical storage is placed on the upper part of the machine.
The underbench models can be equipped with dedicated side cabinets.
BP 100 HE series
the range of wall installation and free standing models

The Steelco range of compact flusher disinfectors has guaranteed for many years unrivalled hygiene and cleaning standards, it handles and disinfects all reusable items such as bedpans, urine bottles and buckets. With Steelco, both the patients and the nursing staff are assured to be hygienically secure!

BP 100 HE
wall installation models
• Manual door opening and closing
• Fully automatic door

BP 100 HE
free standing models
• Manual door opening and closing
• Automatic door opening
  Manual door closing
• Fully automatic door

BP 100 HSER
free standing compact models
• Manual door opening and closing
• Fully automatic door

Capacity
Simultaneous treatment of 1 urine bottle and 1 bedpan with lid or up to 3 urine bottles.
Capacity depends on the size and shapes of the items that have to be treated. Combinations of bottles and bedpans are possible, capacity may vary.

Capacity
Simultaneous treatment of 1 urine bottle and 1 bedpan with lid or up to 2 urine bottles.
Capacity depends on the size and shapes of the items that have to be treated. Combinations of bottles and bedpans are possible, capacity may vary.
**BP 100 HE series - General key features**

- A multi-functional aid capable of holding all the receptacles commonly used in hospitals and nursing houses.
- Steealotronic control system, with auto-diagnostic checking that constantly monitors and displays current cycle status and alarms, allows to optimize the washing process and to personalize programs on board of the machines.
- LED display control panel.
- Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.
- Lime-scale remover pump as standard, detergent pump is optional.
- Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items.
- Soiled goods are loaded at an ergonomic working height.
- Steealco fluffer disinfectors are available with automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch.
- The washer is equipped with a universal holder. Different racks and holders are available for special needs.

**Optional**

- Detergent dosing pump
- Drying/cooling fan system
- Connection for external steam supply
- Door opening controlled by infra-red proximity switch
- HEPA H14 filter for drying/cooling fan system
- LCD display control panel
- Wall installation version

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**BP 100 HE load examples**

**BP 100 HSER load examples**

Foot operated automatic door
Steelco under counter flusher disinfector models are made to hygienically handle and disinfect all reusable items such as bedpans, urine bottles, suction bottles and buckets. To eliminate the risk of accumulation of dirt and bacteria growth, the internal part of the chamber is manufactured with rounded corners and the interior side of the door with smooth edges.

**BP 100**
underbench models

- Manual door opening and closing
- Fully automatic door

**Capacity**
Simultaneous treatment of 1 urine bottle and 1 bedpan with lid or up to 4 urine bottles.

Capacity depends on the size and shapes of the items that have to be treated. Combinations of bottles and bedpans are possible, capacity may vary.

BP 100 underbench bedpan washers can be integrated into counters with hinged door side compartment for easy storage of chemicals and/or accessories.

**Counter with lateral cabinet**
L90
mm. 900x600x885h
35.43”x23.62”x34.84”h

**Counter with lateral cabinet and sink**
L90S
mm. 900x600x885h
35.43”x23.62”x34.84”h
Sink mm. 230/9.06 wide

Emptiers are available in manual or automatic version providing automatic drain and water sink rinsing.

**Emptiers**

L50E can be equipped with a faucet(mm. 500 x 700 x 900h
19.68”x27.56”x35.43”h)

L50 is ideal with wall mounted faucet(mm. 500 x 600 x 900h
19.68”x23.62”x35.43”h)
BP 100 - General key features

- A multi-functional aid capable of holding all the receptacles commonly used in hospitals and nursing houses.
- Steelcrotmic control system, with auto-diagnostic checking that constantly monitors and displays current cycle status and alarms, allows to optimize the washing process and to personalize programs on board of the machines.
- LCD display control panel.
- Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.
- Lime-scale remover pump as standard, detergent pump is optional.
- Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items.
- Soiled goods are loaded at an ergonomic working height.
- BP 100 models are available with automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch.
- The washer is equipped with a universal holder. Different racks and holders are available for special needs.

Optional

- Detergent dosing pump
- Door opening controlled by infra-red proximity switch

Example of the most commonly accepted bed pans and urine bottles.
BP 100 H series - Large capacity and pass through bedpan washers

Steelco large capacity BP 100 H series models are made to hygienically handle and disinfect all reusable items such as bedpans, urine bottles, suction bottles and buckets. BP 100 HL2 models are pass through bedpan washers mainly dedicated to be used in infected areas to avoid cross contamination.

**BP 100 H series**
- Single door models only
  - Manual doors opening and closing
  - Automatic loading door opening/manual closing
  - Automatic door

**BP 100 HL2 series**
- Pass through models only
  - Manual doors opening and closing
  - Automatic loading door opening, manual unloading door

**Capacity**
- Simultaneous treatment of 2 urine bottles and 1 bedpan with lid or up to 4 urine bottles.
- Capacity depends on the size and shapes of the items that have to be treated. Combinations of bottles and bedpans are possible, capacity may vary.

- Simultaneous treatment of 2 urine bottles and 2 bedpans with lid, or up to 4 urine bottles.
- Capacity depends on the size and shapes of the items that have to be treated. Combinations of bottles and bedpans are possible, capacity may vary.
**BP 100 H series** - General key features

- Steelco control panel with LCD display is easy to use and simple to understand.
- Steelcotronic control system, with auto-diagnostic checking that constantly monitors and displays current cycle status and alarms, allows to optimize the washing process and to personalize programs on board of the machines.
- Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items.
- Lime-scale remover pump is a standard equipment, detergent pump is optional.
- Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.
- Soiled goods are loaded at an ergonomic working height.
- Steelco Flusher Disinfectors are available with automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch.
- The washer is equipped with a universal holder Different racks and holders are available for special needs.

**Optional**

- Detergent dosing pump
- Drying/cooling fan system
- Door opening controlled by infra-red proximity switch
- HEPA H14 filter for drying/cooling fan system
- Connection for external steam supply

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Emptiers are available in manual or automatic version providing automatic drain and water sink rinsing.

**Emptiers**

**L50E** can be equipped wit a faucet with lever handle
- mm. 500 x 700 x 900h - 19.68” x 27.56” x 35.43”h

**L50** ideal with wall mounted faucet
- mm. 500 x 600 x 900h - 19.68” x 23.62” x 35.43”h
BP 100 HLA high visibility full HST glass sliding-up door

This bed pan washer disinfector, with full HST glass sliding up door, automatically reprocesses any kind of urine bottles, bed pans and suction bottles.

The characteristics of this bed pan washer improve the working condition, optimize the cleaning results and reduce drastically the risk of contamination. An infra-red proximity switch or a foot pedal facilitates the operator to open and close the sliding door automatically avoiding any physical contact of the staff.

Rotating holder

The holder/support rotates automatically to empty items only after the door is completely closed and then the machine starts the washing cycle.

Multifunction support

The multifunction holder/support allows combined simultaneous treatment of urine bottles, bed pans, suction bottles and buckets.

A wide range of supports is available following the containers which are most commonly used in the different countries.

Capacity

Simultaneous treatment of 2 urine bottles and 1 bedpan with lid or other combinations with suction bottles or buckets.

Capacity depends on the size and shapes of the items that have to be treated. Combinations of bottles and bedpans are possible, capacity may vary.
BP 100 HLA - General key features

- Automatic motorized vertical sliding door made of HST (high shock tested) tempered glass with safety device.
- Soiled goods are loaded at an ergonomic working height.
- Steelco control panel is safe to use and simple to understand. Process phases can be monitored in real time both visually by the full glass door or through control panel display. Cycle phases are: emptying, washing and steam thermodisinfection.
- Efficient tested cleaning results achieved thanks to many fixed and rotating nozzles which provide optimum water distribution inside and outside the treated items.
- Steam is conveyed through the washing nozzles to ensure the complete disinfection of the washing circuit during each process.
- Steelcotronic control system, with auto-diagnostic checking. A safe and easy to operate control panel, with 32 characters LCD display, constantly monitors and displays current cycle status and alarms. The control panel allows to optimise the washing process and to personalize programs on board of the machines.
- Automatic door opening by a foot-operated pedal or with an optional infra-red proximity switch.
- Lime-scale remover pump as standard, detergent pump is optional.
- Detergent and lime-scale agent tanks are placed under the chamber in a safe and locked position.

Optional

- Detergent dosing pump
- Drying/cooling fan system
- Door opening controlled by infra-red proximity switch
- HEPA H14 filter for drying/cooling fan system
- USB port for cycle data downloading
- Connection for external steam supply

The machine is **equipped with a rotating holder to ensure an easy and safe loading avoiding any risk of spillage.**
Accessories: item holders

The washer is equipped with a universal holder. This multifunction holder/support allows combined simultaneous treatment of urine bottles, bed pans, suction bottles and buckets. A wide range of supports is available following the containers which are most commonly used in the different countries. Different racks and holders are available for special needs.

Removable shelf to be positioned on the bottom of the washing chamber to allow easy washing and disinfection of big size buckets and basins.

Removable rack on slides. With this accessory, the washer can be also used for washing and disinfecting small objects.

Special rotating holder is dedicated to make item loading even easier.

Complements

Steelco can provide a complete range of accessories as counters with/without sinks, emptiers and wall racks for bedpans and urine bottles.