

GETINGE
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**GETINGE HS33
HOSPITAL STERILIZER**



LIGHTS ON FOR THE NEW GENERATION OF STERILIZERS

The new Getinge HS33 sterilizer is one of the new breed of state-of-the-art sterilizers from the world's leading brand in infection control. Sterilizers that further perfect the efficient performance and superior throughput you can always expect from Getinge. You recognize them by their clear, light and characteristic touch-screen panels, easily readable from a distance. As well as by their thought-through and extremely user-friendly design, making them easier to operate than ever.



Ergonomic and user-friendly

The clear and intuitive interface of the new touch-screen panels is only one of many examples of how we ensure that Getinge sterilizers are easier to operate and more ergonomic. Read more about touch screens on page 4



Very fast processes – superior efficiency

Getinge HS33 has the fastest sterilization cycle on the market and a high loading capacity, which ensures superior production efficiency. A preset “standard process” with four pre-vacuum pulses, 4-minute sterilization and post-vacuum for drying takes less than 30 minutes in total. Short processing cycles prolong the lifetime of your instruments!

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HIGH-SPEED STERILIZATION™ SUPERIOR CAPACITY AND EFFICIENCY

The secret behind the high performance of the Getinge sterilizer is its unique construction, which gives very short and effective cycles.

Getinge color touch screen

Getinge HS33 is equipped with the latest touch-screen technology and an 8.5" colour touch screen for optimal, user-friendly control. The touch screen also gives you a user-friendly, intuitive interface.

Getinge HS33 can also be equipped with a traditional display, based on Piezo technique.

Unique cost-saving construction

- The elements have practically unlimited lifetime, since they are never in contact with water.
- The total power supply is less than 6 kW, of which the steam generator is only 3.6 kW. In most cases, Getinge HS33 can be connected directly to the existing electrical installation.
- The unique construction allows very short cycle times.
- Very few components – reduces service and maintenance to an absolute minimum.
- No pressurized steam generator during stand-by.

Eco-system

As a standard feature, the sterilizer is equipped with a water-saving system to reduce water consumption. Your total consumption of water for a standard process is only about 60 liters.



Optional unique water-saving module

Additionally, the sterilizer can be equipped with a unique water saver module, which saves between 80% and 95% of the water consumption.

Estimated consumption per process will be between 3 and 12 liters, depending on sterilizer load. By doing so you'll not only contribute to a better environment, you will also lower your running costs.

Air compressor

If you have no supply of compressed air, we offer an optional integrated compressor that is silent and oil-free.





Two different chamber sizes

Getinge HS33 is available in two versions: HS33 with a 1 STU chamber capacity (chamber size 320 x 620 x 320 mm), and HS33+ with a 1.5 STU chamber capacity (chamber size 320 x 971 x 320 mm).

Minimized service

The sterilizer is designed with few components and equipped with Getinge software, making service and maintenance very simple. Connections for external independent temperature sensors for validation, as well as connections for PC, are part of the system.

Easy to operate

Getinge HS33 is very simple to operate. Close the door and press the start button. A number of accessories ensure simple handling and a good working environment.

Getinge HS33 is available in single- and double-door versions, with manual or automatic door opening/closing operation.

(The double-door version is only automatic.)

Process documentation

Getinge HS33 is equipped with a built-in printer with independent pressure and temperature sensors. The sterilizer can also be equipped with a USB storage solution. Getinge HS33 can also be connected to T-DOC*.



*T-DOC, Getinge's traceability and handling system that integrates both washer-disinfectors and sterilizers.

ACCESSORIES

We offer a wide range of accessories to choose from (see examples below).
Further information is available at www.getinge.com



Loading trolley, facilitating the movement of the load into/out of the sterilizer.



Rack on wheels for 18 dental cassettes, stainless steel.



Rack on wheels with three levels, stainless steel. Available in two sizes for HS33 and HS33+.



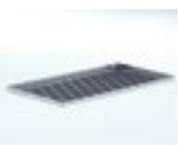
Fixed aluminum rack with three levels. Available in two sizes for HS33 and HS33+.



Basket preferably used together with the tray with rollers. Available in three sizes for HS33 and HS33+.



Unperforated tray with rollers, suitable for liquid loads, stainless steel. Available in two sizes for HS33 and HS33+ (592/960 x 292 x 35 mm).



Perforated tray, stainless steel. Available in two sizes for HS33 and HS33+ (603/958 x 297 x 15 mm).



Perforated tray with rollers, stainless steel. Available in two sizes for HS33 and HS33+ (600/960 x 310 x 35 mm).



Perforated tray, aluminum. Available in two sizes for HS33 and HS33+ (583/958 x 293 x 15 mm).

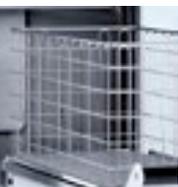


Unperforated tray, stainless steel, suitable for the sterilization of liquids. Available in two sizes for HS33 and HS33+ (603/958 x 297 x 30 mm).

OPTIONAL LOADING SYSTEM



Lab version, Getinge HS33 Lab
The sterilizer can be equipped with a system for liquid sterilization.



Loading of modular wire baskets, using the shelf rack (incl. wheels). For one wire basket 590 x 300 x 190 mm, 2-3 baskets 590 x 300 x 100 mm, or a combination.



Set of shelves used for loading of containers (STU) and individual packs directly on the shelves.



This dental rack enables sterilization of a single load of 18 dental trays, 290 x 190 x 35 mm (LxWxH).



Containers on tray in fixed aluminum rack.

TECHNICAL DATA

CONNECTION OF UTILITIES / DEMAND

Water

Quality required	Particle-free, Max 4 dH
Pressure required	Min 3 bar
Consumption	60-100 liters/process
Consumption VWW	3-12 liters/process
Connection	1/2"

Central deionized water or osmosis water

Quality required	Max 30 µS/cm
Consumption	0.5-3 liters/process

An osmosis system can be integrated in the sterilizer

Compressed air (automatic doors only)

Quality required	Dry, filtrated to 5 microns
Pressure	4-5 bar

Drain

Connection	1 1/4"
Max drain	10 L/min

Electrical

Consumption	Max 6 kW
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Material of construction

Casing	Stainless steel 304
Pressure vessel	Stainless steel 316 Ti

STANDARD PROGRAMS			
Instruments/Textiles	134 °C	HS33 HS33+	~30 min ~36 min
Flash	134 °C	HS33 HS33+	~14 min ~18 min
Instruments/Textiles	121 °C	HS33 HS33+	~35 min ~42 min
18 minutes	134 °C	HS33 HS33+	~39 min ~47 min
Options:	- Alternative program combinations - Customer-adapted programs - Lab program including separate load sensor		
Test programs:	- Bowie & Dick, Leakage test		

Process times are load-dependent and approximate. They refer to full process including drying with an average load. For more details see Product Specification.

Pressure vessel (single- or double-door version)

Dimensions HS33	620 x 320 x 320 mm
Dimensions HS33+	971 x 320 x 320 mm
Volume HS33	63 L (1 STU)
Volume HS33+	100 L (1.5 STU)

Load

Instruments, max	15 kg
Textiles, max	7.5 kg

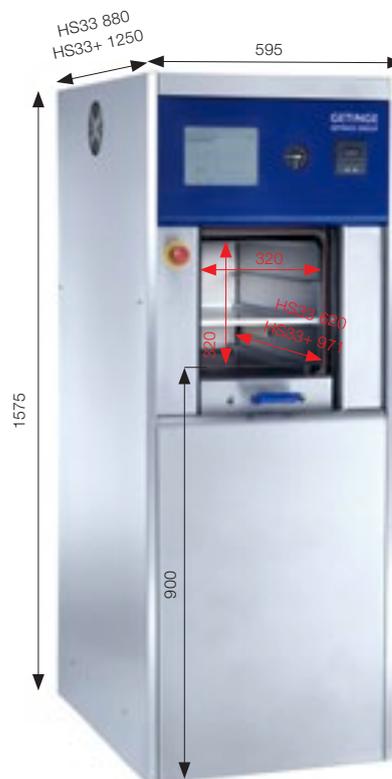
Approvals / Standards

MDD 93/42 ECC, PED 97/23

Dimensions HS33 595 x 1575 x 880 mm

Dimensions HS33+ 595 x 1575 x 1250 mm

For exact measurements, see installation drawing.





Getinge Infection Control is the world leading provider of solutions for sterile processing in the healthcare sector. We aim to ensure the highest quality and safety at the lowest total cost. We offer complete solutions for a seamless work-flow, reducing the risk of contamination while helping healthcare to increase efficiency.

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