

GETINGE
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**GETINGE HS33
HOSPITAL STERILIZER**



Always with you

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 the Getinge HS33 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

The sterilizer is designed with a water-saving system to reduce water consumption. Your total consumption of water for a standard process is only about 60 liters.

Air compressor

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





Minimized service

The sterilizer is designed with few components and equipped with the Getinge PACS 350 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

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



Outstanding warranty

We offer you an outstanding warranty on Getinge HS33 – five years on the pump for the vacuum system and ten years on the chamber and heating elements in the steam generator.



*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.skarhamn.getinge.com



Rack on wheels for 18 dental cassettes, stainless steel.



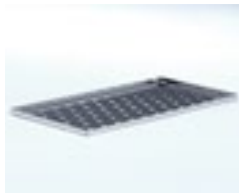
Rack on wheels with three levels, stainless steel.



Fixed aluminum rack with three levels.



Unperforated tray with rollers, suitable for liquid loads, stainless steel, 592x292x35 mm.



Perforated tray, stainless steel, 603x297x15 mm.



Perforated tray with rollers, stainless steel, 600x310x35 mm.



Perforated tray, aluminum, 583x293x15 mm.



Unperforated tray, stainless steel, suitable for the sterilization of liquids, 603x297x30 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 590x300x190 mm, 2-3 baskets 590x300x100 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, 290x190x35 mm (LxWxH).

TECHNICAL DATA

CONNECTION OF UTILITIES / DEMAND

Water

Quality required	Particle-free, Max 4 dH
Pressure required	Min 3 bar
Consumption	Max 6 L/min
Connection	1/2"

Central deionized water or osmosis water

Quality required	Max 30 µS/cm
Consumption	Max 0.4 L/min

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	~ 30 min
Flash	134 °C	~ 9 min
Instruments/Textiles	121 °C	~ 35 min
Prion	134 °C	~ 39 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	620x320x320 mm (DxWxH)
Volume	63 L (1 STU)

Load

Instruments, max	15 kg
Textiles, max	7.5 kg

Approvals / Standards

MDD 93/42 ECC, PED 97/23, EN13445, CE 0314,

ISO EN 13485:2003, ISO 9001:2008, EN285



Dimensions (width x height x depth)

Single-door model	595x1575x800 mm (OP20)
	595x1575x880 mm (Avanti/Classic II)
Double-door model	595x1575x815 mm (OP20)
	595x1575x880 mm (Avanti/Classic II)

For exact measurements, see installation drawing.





COMPLETE SOLUTIONS FOR INFECTION CONTROL

Getinge is the world's leading provider of solutions for effective cleaning, disinfection and sterilization in the healthcare and life science sectors. We are dedicated to helping our customers provide better care at a lower cost. We do this by offering well thought through and customized solutions. This means that we are with our customers all the way from architectural planning and education to traceability and support – with complete solutions, long-term commitment and global presence. Getinge – Always with you.

Getinge Infection Control AB

P O Box 69
SE-305 05 Getinge
SWEDEN
Phone: +46 10 335 00 00
info@getinge.com

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GETINGE GROUP is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, GETINGE and MAQUET. **ArjoHuntleigh** focuses on patient mobility and wound management solutions. **GETINGE** provides solutions for infection control within healthcare and contamination prevention within life sciences. **MAQUET** specializes in solutions, therapies and products for surgical interventions and intensive care.