Технические характеристики на паровые стерилизаторы GSS67H, GSS610H, Solsus 66, HS33, GSS67F, HS компании GETINGE

HS Lab Steam Sterilizer

Compact, fully automatic autoclave for laboratory applications

Fully automatic, easy-to-use HS Lab sterilizers are a fast, compact, and versatile addition to your laboratory.

Available sizes

Model	Chamber dim. WxHxD mm	Usable space WxHxD mm	Vol. Litres*
HS 5510	532 x 532 x 1000	520 x 530 x 1000	287/280
HS 6606	672 x 672 x 660	660 x 670 x 660	308/297
HS 6610	672 x 672 x 1000	660 x 670 x 1000	461/449
HS 6613	672 x 672 x 1300	660 x 670 x 1300	595/584

Compact, fully automatic autoclave for laboratory applications

- Reliable and safe sterilization process
- Space-saving solution
- Easy to use
- Fully automatic

The versatile and reliable Getinge HS Lab Ste Sterilizer meets your sterilization challenges i space-saving, compact footprint. A range of p programmed sterilization cycles meet the mos common laboratory process needs, such as h goods and liquids in open, vented, or closed containers.

Process Control

Reliable and safe process are the foundation of any laboratory setting. HS Lab controls all system functions. It monitors system operations, and both visually and audibly alerts the operator of cycle malfunctions. Visual indication of chamber temperature and pressure information is available on demand

HS Lab sterilizers meet your needs for traceability and compliance. Cycle performance data is printed during and after cycle completion. The data includes transition points; pressure and temperatures; cycle start time; date; both sterilizer and cycle number; and any alarm that occurred during the cycle.

Program Cycles

The HS Lab autoclave is easy to learn and use. Pre-programmed sterilization cycles include:

- Hard goods such as utensils and glassware
- Hot or cold liquids in open or vented containers; the load probe register load temperature on batch report
- Liquids in rigid closed containers.

Optional additional cycles are available to meet specific processing needs or desired process outcomes.

Construction and Design

The sterilizer is available in single or double door configurations to meet different facility and installation requirements. It can be installed as a cabinet or recessed through the wall.

The chamber and jacket are made of 316L stainless steel to withstand harsh laboratory environments. The interior is designed for cleaning, with highly polished surfaces, radius

Steam supply

For facilities with no central steam supply, the Getinge HS Lab Steam Sterilizer can provide an automatic, integral, electrically heated steam generator mounted under the sterilizer chamber.

The integral mounting minimizes the sterilizer's footprint to preserve valuable floorspace.

Safe operations

In addition to door safety systems, a chamber pressure monitoring system ensures that chamber pressure and temperature are at safe levels prior to the door opening.

As an 'intrinsic safety' feature, the chamber is completely vented to atmosphere while the door is in the fully closed and mechanically locked position. The fascia temperature never exceeds 45°C.

Cost-efficient sterilization
with Getinge Solsus 66 Steam Sterilizer

Meeting your daily challenges

Safety, reliability, and efficiency

You face increasing demands to provide quality care while keeping costs down. We provide complete solutions to help you do it.

Getinge has a long history of expertise within sterile processing. The Getinge Solsus 66 Steam Sterilizer has robust technology and meets all applicable standards. It is reliable, and easy to use. It offers both a high capacity and a compact footprint.

Improving daily work in the SPD

Healthcare organizations must balance quality care and cost pressures. We understand your challenges. We provide complete solutions to help you meet these needs in your sterile processing department (SPD).

Getinge Solsus 66 will help reprocess a high volume of instruments in a short time. We focus on safety of both patients and staff. Ergonomically friendly operation keeps the staff safe and productive.

All Getinge Sterilizers are produced in a sustainable ISO-14001-certified manufacturing facility that minimizes the consumption of utilities and resources.

Compact and cost-effective
Meets your toughest demands

Ergonomic and user-friendly design
The Getinge Solsus 66 Sterilizer is intuitive, hygienic, and easy to operate.

Large chamber capacity
Large chamber volumes (from 449 up to 899 liters) ensure that you will always have available capacity for sterilization of your goods. A superior capacity-to-space ratio minimizes the floor space needed.

Reliable and cost-effective
Solsus 66 is a fast and compact sterilizer. It combines high capacity with cost efficiency. With Getinge, you can expect high operating reliability and easy maintenance.

Energy efficiency
Our goal is to optimize energy consumption to reduce climate impact. The Getinge ECO Water Saving System, limits the water consumption during the sterilization processes.

Quick process time
The sterilization cycle offers a short processing time, reducing energy consumption without sacrificing sterilization results.

The safe choice
Solsus 66 Sterilizer complies with all relevant standards. The hygienic design is reliable and well-tested, built on Getinge's years of experience in the CSSD. A pass-through design reduces the risk of cross-contamination between clean and soiled instruments.

Improve steam quality
An optional integrated electrical steam generator improves steam quality. It prevents the usual problems with wet packs and dirt created by poor steam quality. The steam generator is integrated under the sterilizer and requires no extra space. It requires a supply of treated water for steam generation.

Available option: Operating panels can be located above the chamber for narrow wall openings.

The Getinge Solsus 66 Steam Sterilizer can be used for general-purpose steam sterilization of surgical instruments, textiles, and hospital utensils – temperature range 121°C – 134°C.

High quality 316L construction
The acid-proof stainless steel chambers and steam jackets are robot-welded and enclosed in corrosion-proof aluminum to help assure long and trouble-free operation.

Clear touchscreen
Solsus 66 features a high-resolution, user-friendly touchscreen. The screen offers a clear overview from different angles in the control area. The text is distinct and the graphics are vivid. The user interface and menu are intuitive and easy to use.

Space-saving construction
The pneumatic-operated vertically sliding door is fast and saves space. It offers proven, hands-free convenience.

Easy installation
The compact footprint fits through a 900 mm wide door for easy and cost-effective installation.

Easy access for service
All components are easily accessible for maintenance. They can be accessed from both the side and from the hinged front, which opens completely.

Smart loading equipment
Getinge Smart Trolleys, ordered separately, are easy to maneuver and clean, helping to achieve an ergonomic flow of sterile goods.

High precision
Yet so simple to operate

PACS 3500 PLC is a control system you can rely on.
It ensures accurate sterilization programs.

Eliminate the risk of high-temperature peaks or low-temperature drops that waste energy. Automatic fault detection means faster service and lower costs.

Assured accuracy
The PACS 3500 PLC is a user-friendly control unit that assures reliably accurate sterilization programs. There are no high-temperature peaks that waste energy, destroy goods, or cause superheated steam that could jeopardize the sterilization. In the event of a temperature drop, an alarm is triggered. Simply put, it is a control system you can rely on.

Automatic adjustable pressure calibration
Getinge has also developed a special pressure transducer to assure accurate reproducibility of the sterilization process in spite of ambient pressure fluctuations.

Intuitive user interface for a clear overview

Programs
PACS 3500 can be equipped with a variety of programs, offering the flexibility of a full range of cycle combinations to satisfy just about every demand.

All of these six programs are pre-programmed for instant selection:

- Wrapped goods, textiles and porous load 134 °C

- Wrapped, heat-sensitive material, rubber, plastic and porous load 121°C

- Rapid process cycle

- Bowie-Dick test

- Automatic leak test

- Heavy load 134 °C

The following additional programs are available as options:

- Specific goods (high vacuum 134 °C cycle, to be configured in accordance with local requirements)

- Open liquid (sterilization of liquids in open or vented containers)

Loading equipment
For safe and ergonomic handling

Loading and unloading trolleys are an important part of the workflow in sterile processing departments and hospital facilities.

An ergonomic concept

Getinge Smart is a line of carefully designed trolleys that takes loading and distribution of surgical instruments to a whole new level, both in terms of ergonomics and function.

Getinge Smart Trolleys can be equipped with a semi-automatic loading function to reduce manual handling of goods when loading or unloading.

The Power Drive function is an option enabling the user to maneuver the trolley to the desired position with little effort. These optional features assure good ergonomics and give your staff the best possible working conditions.

Manual loading / unloading of wire baskets, using Getinge Fixed Height Trolley (FHT).

Manual loading / unloading of containers, using Getinge Smart Adjustable Height Trolley (AHT) with power drive function.

A sustainable sterilizer
Better for you and our planet

At Getinge, we are committed to contributing to a sustainable society. We work purposefully to optimize our use of energy and natural resources, minimize our emissions to air, and reduce the environmental impact of our waste management.

The environmental engagement of Getinge does not end with product delivery. To gain maximum eco-effectiveness, we consider the environmental aspects of the entire life cycle, including stages such as product development, operational factory administration, production processes, distribution, intended use of the product and, finally, scrapping of the product.

Low water consumption

Our overriding environmental objective is to produce sterilizers with a low energy consumption and to reduce the impact on the climate. Solsus 66 is an example of how we use smart technological solutions to keep energy consumption low.

Our optional ECO system goes a step further, reducing water requirements to the vacuum pump and separating waste-water from recyclable cooling water

Efficient data management
Streamlines workflow and ensures accountability

The best practices of your CSSD are on the front line in the never-ending battle against hospital acquired infections (HAIs). The ability to efficiently document and recall sterility data provides assurance for regulatory agencies, accreditation organizations, and an increasingly well-informed public.

Access data on demand
Getinge Online is your personal web portal that delivers on-demand access to equipment data from your computer or smartphone. This highly secure and encrypted online tool provides real-time and historical performance data, cloud storage, spare parts ordering information, preventive maintenance guidance, and troubleshooting regimens.

Capture and store real-time cycle data
Getinge Solsus 66 Sterilizers integrate with T-DOC, Getinge's top-of-the-line sterile supply management and traceability solution. T-DOC captures and stores real-time cycle data and allows for reporting on equipment performance. This is a valuable source of information for CSSD managers and hospital administrators to help quickly remediate any issues, improve production planning, and verify compliance.

Consumables

Ensuring accurate and consistent results

Assured Indicators

Routine use of our Getinge Assured Indicators provides you with independent verification that the sterilization process is effective and consistent. The indicators can be used as part of a sterilization audit, or for routine performance monitoring to eliminate "judgment calls" about performance.

The Getinge Bowie-Dick Type Test is for the daily testing of the mechanical function of your vacuum-assisted steam sterilizer, ensuring that its air removal system is working as expected.

Getinge Clean

Our Getinge Clean Chamber Foam makes caring for your sterilizer easier. The foam makes cleaning less time-consuming and is easily wiped off with a wet cloth. The product leaves the chamber clean and free of limestone, mineral deposits, and odors. Even rust can be removed.

Packaging and sealers

Getinge Pack Sterilization Pouches and Rolls used in combination with our rotary sealers provide an effective microbial barrier. Together, they help you keep patients safe by significantly minimizing the risk of recontamination after sterilization.

| Standard pouch | Standard roll | Getinge Pack Sealer | Getinge Proseal |

Technical data

Chamber volume and size

Model	Inner dimensions W x D x H	Usable space W x D x H	Chamber volume
ST001-10	672 x 672 x 1,000 mm	660 x 660 x 1,000 mm	449 l
ST001-13	672 x 672 x 1,300 mm	660 x 660 x 1,300 mm	584 l
ST001-17	672 x 672 x 1,700 mm	660 x 660 x 1,700 mm	764 l
ST001-20	672 x 672 x 2,000 mm	660 x 660 x 2,000 mm	899 l

Capacity

Model	STU	ISO	SPRI
ST001-10	6	6	6
ST001-13	8	9	9
ST001-17	10	12	12
ST001-20	12	12	12

Efficient and sustainable

Accurate and consistent results with
Getinge GSS67H Steam Sterilizer

GETINGE

P1 Wrapped Goods
134°C

Sterilize 1

00:09

Sterilizing Time

A cost-effective
and environmentally friendly sterilizer

We've reached a tipping point in global sustainability. Sustainable technologies are no longer value-added options that cost more; they should be a core part of business as usual.

That's why we designed the Getinge GSS67H Steam Sterilizer to be environmentally friendly, without sacrificing the high-quality sterilization that your hospital relies on.

The Getinge GSS67H Steam Sterilizer makes it easy for you to get more of what you're looking for in a steam sterilizer.

It includes clean steam capabilities built on solid technology that reduces water and energy consumption – at no extra cost.

Improve equipment and instrumentation life
Maximizing the value of your investment

The GSS67H Sterilizer will keep your sterilization department operating at peak performance, maximizing uptime and efficiency.

A clean steam process can reduce the long-term financial impact of premature instrument replacement and equipment downtime.

A clean steam system is standard equipment in the GSS67H Sterilizer. We use high-grade stainless steel piping, valves, and other components in the GSS67H
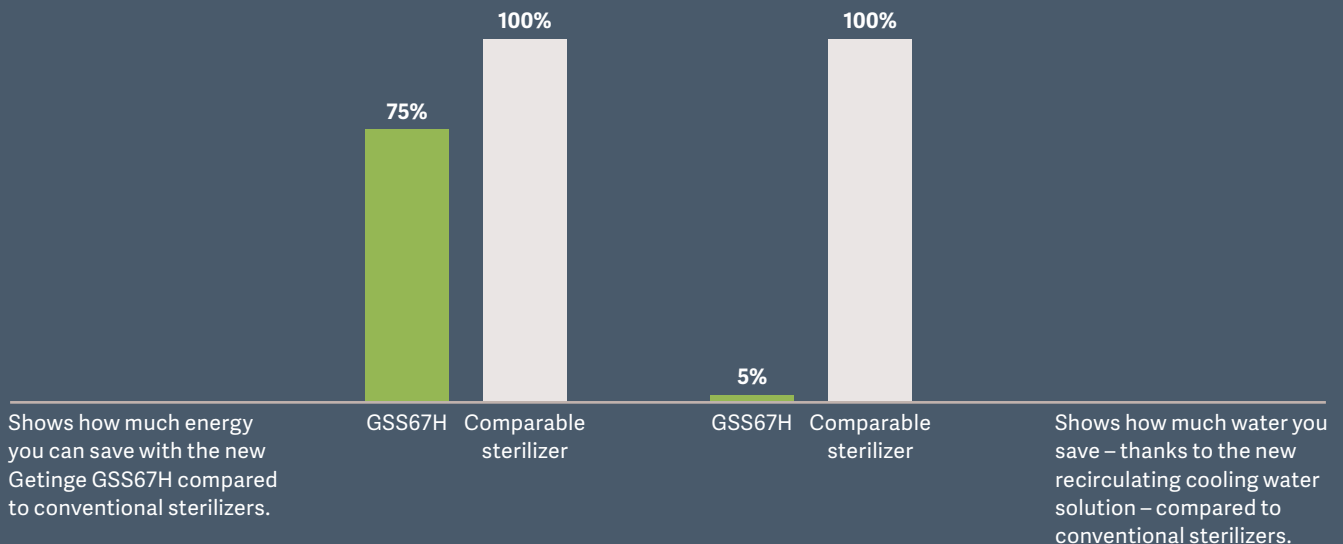
Sterilizer to ensure clean steam delivery. Integrated stainless steel boiler and feed water treatment options are also available.

The result is a reliable, efficient system that reduces operating expenses while minimizing the costs associated with downtime and equipment replacement.

Fast, green cycles

There's no need to sacrifice turnaround time to achieve your goals for reducing the use of natural resources. A high-efficiency vacuum pump is standard equipment on the GSS67H Sterilizer. This pump not only dramatically reduces water consumption, but also reduces cycle time to improve throughput.

In addition, the GSS67H Sterilizer has as a standard water saving system that recirculates most of the water used for cooling and lubricating the vacuum pump. That's simply great news for the environment as well as your bottom line.

Shows how much energy you can save with the new Getinge GSS67H compared to conventional sterilizers.

100%

75%

GSS67H   Comparable
              sterilizer

100%

5%

GSS67H   Comparable
              sterilizer

Shows how much water you save – thanks to the new recirculating cooling water solution – compared to conventional sterilizers.

Up to 20–30% lower
energy consumption

Up to 95% lower
water consumption

Enhanced workflow
improves efficiency

The GSS67H Sterilizer was engineered in cooperation with sterilizer operators and CSSD managers to create an intuitive and efficient user interface for users at all experience levels.

Optimized chamber design
The design maximizes load capacity per cycle while reducing floor space requirements. Highly-flexible load configurations accommodate the placement of tall containers and mixed-sized packaging. A vertical door requires less floor space than horizontal sliding doors, minimizing the unit's footprint.

Automatic start-up / shut-down feature
An automatic start-up system effectively reduces the waiting time before the first process starts. Preheating the chamber jacket prior to system testing can effectively add an additional sterilization cycle per shift, boosting overall throughput.

Highly intuitive user interface
The GSS67H Sterilizer features an innovative, user-friendly interface display. The intuitive design requires less training, and can be easily operated by staff at all experience levels.

Large 10-inch high-resolution screens are easy to read and monitor, even at a distance. These screens display the most critical process information clearly and logically, including remaining cycle time and start-up selections.

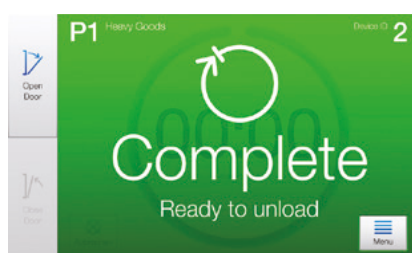Status at a glance: easy to see the time remaining, even from a distance.

Hygienic, easy-to-clean design

High-quality polished stainless steel surfaces feature smooth, rounded corners. Flushed chamber door and few seams to facilitate fast and effective cleaning.

RFID-enabled accountability

An RFID electronic log-in feature controls user access. This uses the same security coding employed elsewhere in the facility to save time, enhance the workflow, and improve tracking.

The user interface provides clear, uncluttered information – only what you need at any particular stage, nothing more.
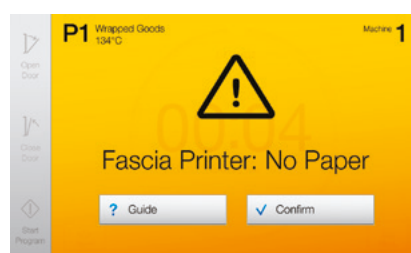
Solve problems or access advanced features directly from the clear, easy-to-understand user interface.

Every triggered alarm comes with clear on-screen directions for what action to take.

Efficient loading and unloading
for an ergonomic handling of sterile goods

Getinge offers a choice of automatic and manual loading systems to enhance the daily workflow in your CSSD while providing ergonomic solutions for the operators.

Smart Trolleys move heavy loads with ease
The Getinge Smart Trolley range is based on an ergonomic concept for efficient loading and distribution of goods with the highest hygiene and usability.

Automatic loading and unloading improves efficiency
The Getinge Automatic Loader / Unloader GL64 automatically loads and unloads goods as soon as the sterilizer is ready. The system optimizes the handling of goods without the need for direct supervision from the operator. It minimizes manual handling to support an ergonomic workflow for the staff.

Improve throughput with the Air Glide System (AGS)
Getinge's innovative, automatic, one-point loading solution improves throughput for CSSDs with multiple sterilizers. The moment a sterilizer is free, a new load is automatically picked up and loaded – providing maximum availability and full resource utilization.

Smart AHT loading / unloading trolleys.

We offer complete, efficient, economical, and ergonomic handling systems for baskets as well as containers. Whether automatic or manual, we tailor every detail to make work easier and more efficient for every CSSD, whether you have one sterilizer or ten.

Automatic loader and unloader for baskets (GL64B).

Automatic loader and unloader for shelf racks (GL64SR).

Efficient data management
streamlines workflow
and ensures accountability

The best practices of your CSSD are on the front line in the never-ending battle against hospital-acquired infections (HAIs). The ability to efficiently document and recall sterility data provides assurance for regulatory agencies, accreditation organizations, and an increasingly well-informed public.

Access data on demand
Getinge Online is your personal web portal that delivers on-demand access to equipment data from your computer or smartphone. This highly secure and encrypted online tool provides real-time and historical performance data, cloud storage, spare parts ordering information, preventive maintenance guidance, and troubleshooting regimens.

Capture and store real-time cycle data
Getinge GSS67H Steam Sterilizers integrate with T-DOC, Getinge's top-of-the-line sterile supply management and traceability solution. T-DOC captures and stores real-time cycle data and allows for reporting on equipment performance. This is a valuable source of information for CSSD managers and hospital administrators to help quickly remediate any issues, improve production planning, and verify compliance.

Packaging and sealers
– Providing the right microbial barrier

Getinge Pack Sterilization Pouches and Rolls used in combination with our rotary sealers provide an effective microbial barrier. Together, they help you keep patients safe by significantly minimizing the risk of recontamination after sterilization.

Safely enclose devices for sterilization
Sterilization rolls and pouches easily and safely enclose medical devices intended to be sterilized in steam, ethylene oxide or formaldehyde sterilizers.
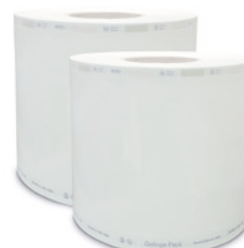
When used in combination with Getinge Rotary Sealers, the rolls and pouches are sealed in an automated process that ensures repeatable and effective sealing results.

Efficiently seal rolls and pouches
User-friendly Getinge Rotary Sealers improve operator efficiency while delivering a high-quality seal. They are designed to efficiently, effectively, and reliably seal rolls and pouches made of medical paper or non-woven materials.

Standard pouch

Standard roll

Getinge Pack Sealer

Getinge Proseal

Packaging type	Steam	EO	Formaldehyde
Standard rolls	●	●	●
Standard pouches	●	●	●
Self-seal pouches	●	●	●

Getinge Assured Indicators
– Ensuring accurate and consistent results

Are you certain that your reprocessed instruments and equipment are clean and sterile? With Getinge Assured Indicators, you can be certain that your disinfection and sterilization equipment is consistently in full compliance with all requirements and standards.

Comprehensive cleaning and sterility assurance indicators

Routine use of our Getinge Assured Indicators provides you with independent verification that the sterilization process is effective and consistent. The indicators can be used as part of a sterilization audit, or for routine performance monitoring to eliminate "judgment calls" about performance.

The Getinge Bowie-Dick Type Test is to be used for daily testing of the mechanical function of your vacuum-assisted steam sterilizer, ensuring that its air removal system is working as expected.

Getinge Clean

Our Getinge Clean Chamber Foam makes caring for your sterilizer easier. The foam makes cleaning less time-consuming and is easily wiped off with a wet cloth. The product leaves the chamber clean and free of limestone, mineral deposits, and odors. Even rust can be removed.

In addition to the Bowie-Dick Test packs, the comprehensive Getinge Assured Sterility Assurance Portfolio includes:

- Wash monitoring
- Instrument surface monitoring
- Sterilization tapes
- Biological indicators
- Incubators
- Chemical indicators
- Batch load monitoring system

Taking care of your investment
Getinge Care Technical Services

We offer services to maximize the useful life and long-term value of your Getinge equipment.

With a Getinge Care service agreement, you will get preventive maintenance, original spare parts, easy troubleshooting and proactive service by our certified field service reps – ensuring that your equipment is operating safely and reliable all the time.

The importance of ensuring highest possible uptime
Optimizing your Getinge equipment performance is a central part of hospital efficiency. Each day, your staff relies on our equipment to deliver operational stability and exceptional care for their patients, so they can focus on saving lives. With a Getinge Care service agreement, you will increase uptime and keep unplanned cost to its minimum.

Protecting performance
By following an optimal preventive maintenance schedule, you will ensure that you always have the right equipment at the right time. If something should need urgent attention, we will be there to help resolve the issue.

Expert service
As original manufacturer we can deliver the best possible maintenance, repair and product updates. No one knows your Getinge equipment better.

Digital services
As an optional additional part of your Getinge Care service agreement, we offer access to our digital services allowing for new insights, maximized uptime and improved efficiency.

Peace of mind
As your services partner, we will work together to find the best technical services solution for your needs, and support you if any issues arise.

Part of Getinge 360° Services

To provide you with the best possible services, we are considering the entire journey of delivering healthcare. From value creation partnerships and financial solutions, to planning and design of workflows, project implementation, education and training, digital services and equipment uptime through preventive maintenance services. All aligned for your operational and financial goals.

Technical data

Configurations (double-door versions)

	Unit	6710	6713	6717	6720
Chamber width	mm/in.	660/26	660/26	660/26	660/26
Chamber height	mm/in.	700/27.5	700/27.5	700/27.5	700/27.5
Chamber depth	mm/in.	1,000/39.37	1,300/51.18	1,700/68.93	2,000/78.74
Chamber volume double door	l/cu ft.	468/16.53	609/21.50	796/28.11	937/33.09
Capacity baskets*	pcs	6	9	12	12
Capacity STU**	pcs	6	8	10	12

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 * Basket size SPRI:    585 x 395 x 195 mm / 23 x 15.55 / 2 x 7.68 in (L x W x H)
   ISO:                 600 x 400 x 200 mm / 23.6 / 8 x 15.75 x 7.87 in (L x W x H)
** STU size:            600 x 300 x 300 mm / 23.6 x 11.81 x 11.81 in (L x W x H)
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Getinge GSS67F
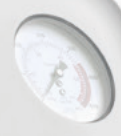# Low-temperature Sterilizer
Do more with less

GETINGE

GETINGE

Improve workflows in your CSSD

with the Getinge GSS67F Low-temperature Sterilizer

A sterilizer combining both steam and low-temperature sterilization at high or low temperatures, depending on the load.

The Getinge GSS67F Sterilizer has a larger load capacity than comparable low-temperature sterilizers; combined with a reduced process time, this increases the overall throughput in your CSSD. Easy to use and economical to operate, the Getinge GSS67F Sterilizer is the efficient choice for your hospital as it is a steam and low-temperature sterilizer combined.

Sustainable solutions for a healthy planet
We designed the Getinge GSS67F Sterilizer to do more with less. It uses less energy and water than comparable sterilizers, improving your environmental profile and giving you a good return on your investment.

High capacity
– multiple temperatures

One machine for both high- and low-temperature sterilization

Why invest in multiple sterilizers when one can do the task? With the Getinge GSS67F Sterilizer, you can save both space and money.

The Getinge GSS67F Sterilizer can process most kinds of goods, including heat-sensitive instruments such as endoscopes. It uses steam and formalin (formaldehyde dissolved in water) to safely deliver proven results.

For most sterile departments, this combination of high- and low-temperature sterilization will offer opportunities for higher overall throughput.

The Getinge GSS67F Sterilizer is perfect for sterilizing flexible endoscopes. Since flexible endoscopes may be damaged in temperatures above 55°C, you can only use sterilizers with a reliable and approved technique for low temperature sterilization.

Designed with environmental aspects in mind

At Getinge, we are committed to contributing to a sustainable society. We work purposefully to optimize our use of energy and natural resources, minimize our air emissions, and reduce the environmental impact of our waste management.

To gain maximum eco-effectiveness, we consider the environmental aspects of the entire life cycle, including product development, operational factory administration, production processes, distribution, intended use of the product ,and, finally, scrapping of the product.

Naturally biodegradable

Formaldehyde is naturally and quickly biodegradable, and is not environmentally hazardous at the discharge levels related to sterilizers. In the atmosphere, formaldehyde is degraded by photochemical reactions and its half-life is a couple of hours. In this respect it differs from many other chemicals, as no enrichment in nature takes place.

50% process time savings
High-capacity throughput

The Getinge CSS67F Sterilizer is a leap forward for your hospital, offering a larger load capacity than comparable low-temperature sterilizers and process time savings of up to 50%*. With two sterilization modes in one product, it also reduces your CSSD footprint and offers easy and economical operation.

* 30% when running a regular steam process

Energy consumption
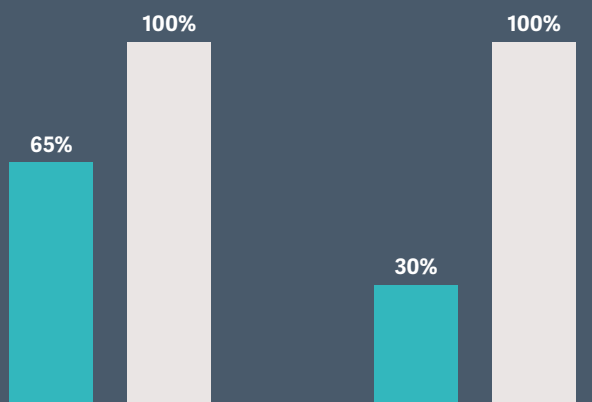
Potential energy savings with the new Getinge GSS67F compared to conventional LTSF sterilizers.
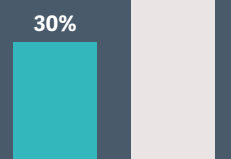
GSS67F	Comparable sterilizer
65%	100%

Water consumption

Shows how much water you save – thanks to the new recirculating cooling water solution – compared to conventional LTSF sterilizers.

GSS67F	Comparable sterilizer
30%	100%

Quality
It's in every detail

Optimized design increases capacity without increasing footprint

The design maximizes load capacity per cycle while reducing floor space requirements. Highly flexible load configurations accommodate the placement of tall containers and mixed-sized packaging. A vertical door requires less floor space than horizontal sliding doors, minimizing the unit's footprint.

Faster instrument availability

Processing time is up to 66% faster, enabling maximum throughput. Thanks to the automatic start-up, the sterilizer is ready to use when you need it.

Hygienic, easy-to-clean design

High-quality polished stainless steel surfaces feature smooth, rounded corners. Flushed chamber doors and few seams facilitate fast and effective cleaning.

Maximum uptime

A robust and well-engineered modular design enables easy service access and speedy replacement of components.

Uncompromising safety

Full compliance with applicable norms and standards worldwide.

Closed system
Getinge nonreusable formaldehyde bottles are intended for use with Getinge GSS67F Sterilizers. The content inside the bottle can easily be observed before use. An alarm is activated when the bottle is empty.

Enhanced workflow
improves efficiency

The GSS67F Sterilizer was engineered in cooperation with sterilizer operators and CSSD managers to create an intuitive and efficient user interface for users at all experience levels.

Automatic start-up / shut-down feature

An automatic start-up system effectively reduces the waiting time before the first process starts. Preheating the chamber jacket prior to system testing can effectively add an additional sterilization cycle per shift, boosting overall throughput.

Highly intuitive user interface

The GSS67F Sterilizer features an innovative, user-friendly interface display. The intuitive design requires less training, and can be easily operated by staff at all experience levels.

Large 10-inch high-resolution screens are easy to read and monitor, even at a distance. These screens display the most critical process information clearly and logically, including remaining cycle time and start-up selections.

Status at a glance: it's easy to see the time remaining, even from a distance.

Hygienic, easy-to-clean design

High-quality polished stainless steel surfaces feature smooth, rounded corners. A flushed chamber door and few seams facilitate fast and effective cleaning.

RFID-enabled accountability

An RFID electronic log-in feature controls user access. This uses the same security coding employed elsewhere in the facility to save time, enhance the workflow, and improve tracking.

The user interface provides clear, uncluttered information – only what you need at any particular stage, nothing more.

Solve problems or access advanced features directly from the clear, easy-to-understand user interface.

Every triggered alarm comes with clear on-screen directions for what action to take.

Efficient loading and unloading
for an ergonomic flow of sterile goods

Getinge offers a choice of automatic and manual loading systems to enhance the daily workflow in your CSSD while providing ergonomic solutions for the operators.

Smart Trolleys move heavy loads with ease
Getinge Smart Trolleys are easy to maneuver and clean, featuring effortless semi-automatic loading and unloading.

Automatic loading and unloading improves efficiency
The Getinge Automatic Loader / Unloader GL64 automatically loads and unloads goods as soon as the sterilizer is ready. The system optimizes the handling of goods without the need for direct supervision from the operator. It minimizes manual handling to support an ergonomic workflow for the staff.

Improve throughput with the Air Glide System (AGS)
Getinge's innovative, automatic, one-point loading solution improves throughput for CSSDs with multiple sterilizers. The moment a sterilizer is free, a new load is automatically picked up and loaded – providing maximum availability and full resource utilization.

Smart loading / unloading trolleys

We offer complete, efficient, economical, and ergonomic handling systems for baskets as well as containers. Whether automatic or manual, we tailor every detail to make work easier and more efficient for every CSSD, whether you have one sterilizer or ten.

Automatic loader and unloader for shelf racks (GL64SR)

Automatic loader and unloader for baskets (GL64B)

Efficient data management
streamlines workflow and ensures accountability

The best practices of your central sterile department are on the front line in the never-ending battle against hospital-acquired infections (HAIs). The ability to efficiently document and recall sterility data provides assurance for regulatory agencies, accreditation organizations, and an increasingly well-informed public.

Access data on demand
Getinge Online is your personal web portal that delivers on-demand access to equipment data from your computer or smartphone. This highly secure and encrypted online tool provides real-time and historical performance data, cloud storage, spare parts ordering information, preventive maintenance guidance, and troubleshooting regimens.

Capture and store real-time cycle data
Getinge GSS67F Sterilizers integrate with T-DOC, Getinge's top-of-the-line sterile supply management and traceability solution. T-DOC captures and stores real-time cycle data and allows for reporting on equipment performance. This is a valuable source of information for CSSD managers and hospital administrators to help quickly remediate any issues, improve production planning, and verify compliance.

Getinge Consumables
Safeguarding your instrument reprocessing – Circle for Life

Providing the right microbial barrier

Getinge Pack Sterilization Pouches and Rolls used in combination with our rotary sealers provide an effective microbial barrier. Together, they help you keep patients safe by significantly minimizing the risk of recontamination after sterilization.

Safely enclose devices for sterilization

Sterilization rolls and pouches easily and safely enclose medical devices intended to be sterilized in steam, ethylene oxide or formaldehyde sterilizers.

When used in combination with Getinge Rotary Sealers, the rolls and pouches are sealed in an automated process that ensures repeatable and effective sealing results.

Flat pouch

Flat roll

Efficiently seal rolls and pouches

User-friendly Getinge Rotary Sealers improve operator efficiency while delivering a high-quality seal. They are designed to efficiently, effectively, and reliably seal rolls and pouches made of medical paper or non-woven materials.

Getinge Pack Sealer

Getinge Proseal

Comprehensive cleaning and sterility assurance indicators

Routine use of our Getinge Assured Indicators provides you with independent verification that the sterilization process is effective and consistent. The indicators can be used as part of a sterilization audit, or for routine performance monitoring to eliminate "judgment calls" about performance.

The Getinge Bowie-Dick Type Test is to be used for daily testing of the mechanical function of your vacuum-assisted steam sterilizer, ensuring that its air removal system is working as expected.

Clean it –
Cleaning and Disinfection

Getinge Clean offers a wide range of cleaning agents for the most demanding instrument cleaning tasks, such as pretreatment, complex minimally invasive instruments, prions (Creutzfeldt-Jakob disease), and biofilm.

Seal it –
Packaging and Sealing

Getinge Packaging and Sealing offers the correct packaging for every sterilization process. Packaging plays a crucial role in providing an effective microbial barrier and ensuring safe sterilization.

Assure it –
Monitors and Indicators

With Getinge Assured, you can be certain that your instruments meet your specifications. This comprehensive offering provides you with the added assurance that your instruments are clean and sterile as expected.

Technical data

Configurations

	Unit	6710	6713
Chamber width	mm	660	660
Chamber height	mm	700	700
Chamber depth	mm	1,000	1,300
Chamber volume single / double door	l	481	621
Capacity baskets*	pcs	6	9
Capacity STU**	pcs	6	8

* Basket size SPRI:	585 x 395 x 195 mm (L x W x H)
ISO:	600 x 400 x 200 mm (L x W x H)
** STU size:	600 x 300 x 300 mm (L x W x H)

Getinge HS33

Hospital Steam Sterilizers

GETINGE ✳

Proven hospital sterilizers

Superior speed, capacity, and efficiency

For efficient sterilization in a small footprint, look no further than the Getinge HS33 Steam Sterilizer.

Short cycle times and efficient processes ensure a steady supply of sterilized goods, ready when you need them.
Getinge HS33 Sterilizers offer the efficient performance and superior throughput you can always expect from Getinge.

You can recognize them by their bright and clear touchscreen panels that are easily readable from a distance. Well thought-out and user-friendly design supports easy operation and reliable process documentation.

Unique construction
High-speed sterilization

The unique construction of Getinge HS33 supports one of the fastest sterilization cycles on the market. When combined with a high loading capacity, Getinge HS33 ensures higher production efficiency.

Unique cost-saving construction

- The radiators never make contact with water, giving them a very long lifetime.

- The total power supply is less than 6 kW (steam generator 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.

- No pressurized steam generator during stand-by.

Two chamber sizes to meet your needs
Getinge HS33 is available in 60 and 100 liter versions, with manual or automatic door opening / closing operation.

Intuitive user-interface
Getinge HS33 is equipped with user-friendly touchscreens with high resolution. The screens offer short and intuitive instructions, with a clear overview from different angles in the control area. The sterilizer is very simple to operate, just close the door and press the start button.

Capture and store real-time cycle data
Getinge HS33 Sterilizers integrate with T-DOC, our sterile supply management solution, by capturing and storing real-time cycle data. This is a valuable source of information for CSSD managers and hospital administrators to help quickly remediate any problems, improve production planning, and verify compliance.

Minimized service requirements

The sterilizer is designed with few components to streamline maintenance. It is equipped with Getinge software to monitor performance and efficiency. Connections for external independent temperature and pressure validation sensors and PC connections are part of the system.

Optional air compressor

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

Eco-system reduces water consumption

As a standard feature, the sterilizer is equipped with a water-saving system to reduce water consumption. Total water consumption is approximately 60 liters for a standard process.

Loading equipment

We offer a wide range of loading equipment to ensure simple handling and a good working environment.

Loading trolley, for moving the load into / out of the sterilizer.

Stainless steel rack with rollers for 18 dental cassettes. The rack offers a capacity of up to 36 trays per hour.*

Three-level stainless steel rack with rollers. Available in two sizes for HS33-60L and HS33-100L.*

Fixed aluminum rack with three levels. Available in two sizes for HS33-60L and HS33-100L.

Basket to be used together with the tray with rollers. Available in two sizes for HS33-60L and HS33-100L.

Perforated tray, stainless steel. Available in two sizes for HS33-60L and HS33-100L (603 / 958 x 297 x 15 mm).

Perforated tray with rollers, stainless steel. Available in two sizes for HS33-60L and HS33-100L (612 / 960 x 312 x 35 mm).*

Perforated tray, aluminum. Available in two sizes for HS33-60L and HS33-100L (583 / 958 x 293 x 15 mm).

Optional loading system

The perforated tray with rollers supports loading of modular wire baskets. For one wire basket (590 x 300 x 190 mm) or 2–3 baskets (590 x 300 x 100 mm), or a combination.
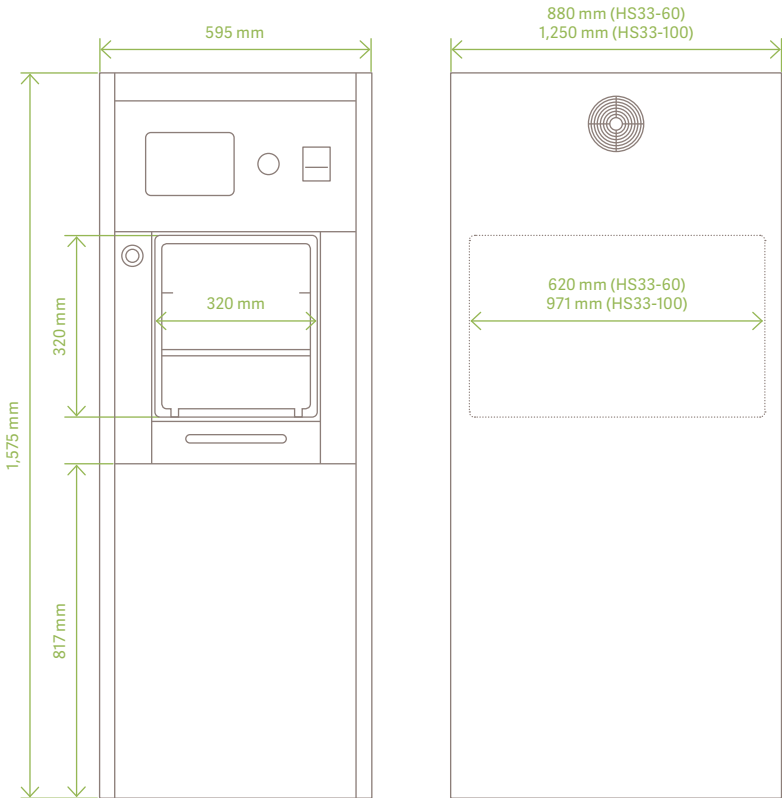

Set of shelves used to load containers (STU) and individual packs directly on the shelves.

* For optimized ergonomics, use together with the loading trolley.

Technical data

Internal measurements	HS33-60	HS33-100
Single-door model	Yes	Yes
Automatic door	Yes	-
Chamber volume (l/CU ft)	63/2.2	100/3.5
Chamber width (mm/in)	320/12.6	320/12.6
Chamber depth (mm/in)	620/24.4	971/38.2
Chamber height (mm/in)	320/12.6	320/16.6
Capacity STU* (pcs)	1	1.5
*STU size: 600 x 300 x 300 mm (L x W x H)		

External measurements		
Sterilizer width (mm/in)	595/23.4	595/23.4
Sterilizer depth (mm/in)	880/34.6	1,250/49.2
Sterilizer height (mm/in)	1,575/72.0	1,575/72.0

595 mm

880 mm (HS33-60)
1,250 mm (HS33-100)

320 mm

620 mm (HS33-60)
971 mm (HS33-100)

320 mm

1,575 mm

817 mm

Maximize efficiency and throughput

with the high-capacity
Getinge GSS610H Steam Sterilizer

This document is intended to provide information to an international audience outside of the US.

Technologically advanced
and highly integrated

Our sterilizers integrate with your existing sterilization department to optimize throughput. They deliver consistent and reliable results while maintaining a low and predictable total cost of ownership.

We designed the high-capacity Getinge GSS610H Steam Sterilizer without compromise. Getinge GSS610H automatically optimizes process time and media consumption for each load. It is compatible with both Getinge and Hupfer Känguruh Loading Systems to maximize the return on your sterilization investment.

Getinge GSS610H is built on a foundation of trust, with nearly 90 years experience in steam sterilization. We understand your needs, and deliver the reliability, precision, and cost-effective operation needed to make your facility successful.

Long-term success and satisfaction

Maximize the value of your investment

The GSS610H Sterilizer will keep your sterilization department operating at peak performance, maximizing uptime and efficiency.

A clean steam process improves the life of your instruments
Dissolved minerals in steam can shorten the life span of instruments through staining, pitting, and corrosion. Our clean steam adapted system, with premium stainless steel components as standard, reduces the long-term financial impact of premature instrument replacement.

Faster throughput
Automated start-up and fast processing times ensure that your facility has a steady supply of sterilized instruments ready for use.

Optimized resources
The Getinge GSS610H Sterilizer controls the temperature of the drain water to minimize cooling water consumption. This optimizes utility consumption for every cycle.

Robust and well-engineered
A modular design makes the sterilizer easy to access, streamlining routine service or parts replacement.

High capacity for increased throughput
Process a high volume of instruments in short time. The spacious chamber of the Getinge GSS610H Sterilizer can handle large loads with ease.

Hands-free loading and unloading
Automatic loaders and unloaders improve efficiency and safety.

Enhanced workflow
improves efficiency

The GSS610H Sterilizer was engineered in cooperation with sterilizer operators and CSSD managers to create an intuitive and efficient user interface for users at all experience levels.

Automatic start-up / shut-down feature

An automatic start-up system effectively reduces the waiting time before the first process starts. Preheating the chamber jacket prior to system testing can effectively add an additional sterilization cycle per shift, boosting overall throughput.

Hygienic, easy-to-clean design

High-quality polished stainless steel surfaces feature smooth, rounded corners. A flushed chamber door and few seams facilitate fast and effective cleaning.

RFID-enabled accountability

An RFID electronic log-in feature controls user access. This uses the same security coding employed elsewhere in the facility to save time, enhance the workflow, and improve tracking.

Highly intuitive user interface

The GSS610H Sterilizer features an innovative, user-friendly interface display. The intuitive design requires less training, and can be easily operated by staff at all experience levels.

Large 10-inch high-resolution screens are easy to read and monitor, even at a distance. These screens display the most critical process information clearly and logically, including remaining cycle time and start-up selections.
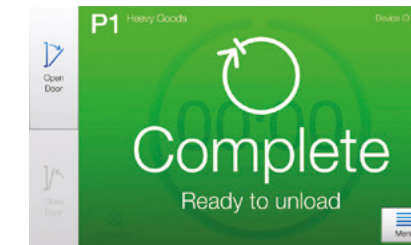
Status at a glance: it's easy to see the time remaining, even from a distance.

The user interface provides clear, uncluttered information – only what you need at any particular stage, nothing more.

Clear, easy-to-understand help for problem solving or accessing advanced features are available directly from the user interface.
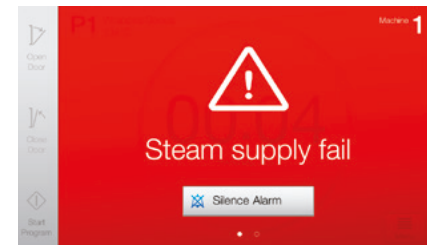
Every triggered alarm comes with clear on-screen directions for what action to take.

Efficient loading and unloading

For ergonomic handling of sterile goods

Choose the system that best maximizes your department's efficiency and offers best ergonomics for the operator.

Smart Trolleys move heavy loads with ease
Getinge Smart Trolleys are easy to maneuver and clean, featuring effortless semi-automatic loading and unloading.

Automatic loading and unloading improves efficiency
The Getinge Automatic Loader / Unloader automatically loads and unloads goods as soon as the sterilizer is ready. The system optimizes the handling of goods without the need for direct supervision from the operator. It minimizes manual handling to support an ergonomic workflow for the staff.

Optimizing your investment
Getinge GSS610H is compatible with the Hupfer Känguruh Loading System, improving the efficiency of your department and optimizing your capital investment.

Getinge Smart Trolley for loading and unloading.

With the Getinge GSS610H Sterilizer, you have the choice of automatic or manual loading systems.

Getinge GSS610H is compatible with the Hupfer Känguruh Loading System.

Getinge Automatic Loader / Unloader GL610

Efficient data management

streamlines workflow
and ensures accountability

The best practices of your central sterile department are on the front line in the never-ending battle against hospital acquired infections (HAIs). The ability to efficiently document and recall sterility data provides assurance for regulatory agencies, accreditation organizations, and an increasingly well-informed public.

Access data on demand

Getinge Online is your personal web portal that delivers on-demand access to equipment data from your computer or smartphone. This highly secure and encrypted online tool provides real-time and historical performance data, cloud storage, spare parts ordering information, preventive maintenance guidance, and troubleshooting regimens.

Capture and store real-time cycle data

Getinge GSS610H Steam Sterilizers integrate with T-DOC, Getinge's top-of-the-line sterile supply management and traceability solution. T-DOC captures and stores real-time cycle data and allows for reporting on equipment performance. This is a valuable source of information for CSSD managers and hospital administrators to help quickly remediate any issues, improve production planning, and verify compliance.

Packaging and sealers
– Providing the right microbial barrier

Getinge Pack Sterilization Pouches and Rolls used in combination with our rotary sealers provide an effective microbial barrier. Together, they help you keep patients safe by significantly minimizing the risk of recontamination after sterilization.

Safely enclose devices for sterilization
Sterilization rolls and pouches easily and safely enclose medical devices intended to be sterilized in steam, ethylene oxide or formaldehyde sterilizers.

When used in combination with Getinge Rotary Sealers, the rolls and pouches are sealed in an automated process that ensures repeatable and effective sealing results.

Efficiently seal rolls and pouches
User-friendly Getinge Rotary Sealers improve operator efficiency while delivering a high-quality seal. They are designed to efficiently, effectively, and reliably seal rolls and pouches made of medical paper or non-woven materials.

Standard pouch

Standard roll

Getinge Pack Sealer

Getinge Proseal

Packaging type	Steam	Formaldehyde
Standard rolls	●	●
Standard pouches	●	●
Self-seal pouches	●	●

Getinge Assured Indicators
– Ensuring accurate and consistent results

Are you certain that your reprocessed instruments and equipment are clean and sterile? With Getinge Assured Indicators, you can be certain that your disinfection and sterilization equipment is consistently in full compliance with all requirements and standards.

Comprehensive cleaning and sterility assurance indicators
Routine use of our Getinge Assured Indicators provides you with independent verification that the sterilization process is effective and consistent. The indicators can be used as part of a sterilization audit, or for routine performance monitoring to eliminate "judgement calls" about performance.

The Getinge Bowie-Dick Type Test is to be used for daily testing of the mechanical function of your vacuum-assisted steam sterilizer, ensuring that its air removal system is working as expected.

Getinge Clean
Our Getinge Clean Chamber Foam makes caring for your sterilizer easier. The foam makes cleaning less time-consuming and is easily wiped off with a wet cloth. The product leaves the chamber clean and free of limestone, mineral deposits, and odors. Even rust can be removed.

In addition to the Bowie-Dick Test packs, the comprehensive Getinge Assured Sterility Assurance Portfolio includes:

- Wash monitoring
- Instrument surface monitoring
- Sterilization tapes
- Biological indicators
- Incubators
- Chemical indicators
- Batch load monitoring system

Getinge Care
For maximum uptime

Optimizing your equipment's services is often an untapped opportunity to maximize productivity and reduce costs. A Getinge Care service offering will ensure that your equipment always performs at peak levels allowing you to focus on saving lives.

Prevent issues before they arise
Whether you're purchasing a new steam sterilizer or an entire CSSD, we'll be there to support you. By following a routine preventive maintenance schedule, Getinge Care keeps things running smoothly, with minimal interruption. If something should need urgent attention, our certified field service representatives will be there to promptly support you and resolve the issue.

With a Getinge Care package, you can forecast your costs for the full life cycle of your equipment, minimizing unplanned expenses. Our financial services team can analyze your needs and numbers to deliver a service package that gives you the best output for your investment. Ask your Getinge representative for more information.

Getinge Care Partner
Supporting your internal technical service department

Getinge Care Preventive
Scheduled maintenance intervals maximize uptime

Getinge Care Plus
Uninterrupted protection with full cost control

Getinge Care Premium
Full coverage for complete peace of mind

Technical data

The sterilizer is available in four different chamber depths

	Unit	10	14	15	21
Chamber width	mm / in.	672 / 26.46	672 / 26.46	672 / 26.46	672 / 26.46
Chamber height	mm / in.	1,080 / 42.52	1,080 / 42.52	1,080 / 42.52	1,080 / 42.52
Chamber depth	mm / in.	1,040 / 40.94	1,400 / 55.12	1,540 / 60.63	2,100 / 82.68
Capacity baskets*	pcs	8	12	12***	16
Capacity STU**	pcs	9	12	12	18

* Basket size SPRI: 585 x 395 x 195 mm / 23 x 15.55 x 7.68 in (L x W x H)
  ISO: 600 x 400 x 200 mm / 23.6 x 15.75 x 7.87 in (L x W x H)
** STU size: 600 x 300 x 300 mm / 23.6 x 11.81 x 11.81 in (L x W x H)
*** See product specification to find the correct loading equipment for the usable space.

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