

Getinge Steam Sterilizers

From cycle to cycle through lifecycle.
Reducing risk in Central Sterile.

GETINGE GROUP





Because uptime, over time, is the only time that counts.

Central Sterile (CS) technicians and managers, as well hospital administrators, have at least one thing in common – a shared anxiety and concern that productivity or process issues will have an adverse impact on the OR. The fact is, the CS is the traffic control center of your facility. Even the smallest problem can produce significant clinical and financial consequences associated with delayed surgeries and the need for additional processing.

That's why leading institutions in the United States and around the world place their trust in Getinge Steam Sterilizers to produce highly predictable and reliable performance throughout the extended lifespan of the equipment.

Engineering better outcomes. Virtually every piece of equipment, regardless of manufacturer, will work well out of the crate. But Getinge sterilizers, more than any other, are designed and manufactured to meet the highest standards of clinical performance and workflow efficiencies under constant use for many years to come.

From our quality materials selection and innovative chamber design to intuitive user controls and advanced documentation capabilities, Getinge builds better outcomes into everything we do.

Much more than just a sterilizer. Did you know that for many facilities – possibly yours – more than 65% of patient billings are generated within the OR? In turn, this significant uninterrupted revenue stream is highly dependent on the reliable and compliant performance of your CS – especially your sterilizers – including

the people who keep the equipment operating like new. Between the talents of your in-house Biomed technicians and Getinge's certified professional service organization, no combination of resources are more effective in eliminating the considerable risks associated with ineffective sterilizer maintenance and management.

That's why Getinge offers a virtually unlimited combination of program options that can be custom tailored to complement the services you choose to provide internally. So you're never forced to contract for more or less outside support than you actually need. Bundled offerings include one or more of the following:

- Preventive, predictive and reactive service plans
- Parts packages
- Calibration services
- Modernization packages
- CS and biomed staff training
- Installation and validation services
- Facilities design and equipment planning services

Risk relief every step of the way.

Real-time documentation of critical cycle parameters.

Real-time documentation of critical cycle parameters. Today, your CS is on the frontline in the never-ending battle against HAIs. In the current environment of increased scrutiny from regulatory agencies, accreditation organizations and an increasing well informed public, it's more important than ever to be able to document sterility assurance and best practices.

That's why Getinge Steam Sterilizers give you the ability to capture and store real-time cycle data via the Data Logging Module of our T-DOC Risk Management Software – a valuable source of information for CS managers and hospital administrators to help them quickly remediate any problems, improve production planning and verify compliance when called upon.

In addition, factory-installed NetCOM Ethernet connection in each sterilizer uploads real-time cycle performance for remote process monitoring and convenient cycle documentation.

In the CS, OR and throughout your facility, risk is not a sometimes thing – it's an everyday concern that rightfully consumes your thinking 24/7. And it consumes our thinking too. When you partner with Getinge, you have the confidence of knowing we're on the frontline with you for many years to come. And when the day arrives to replace your equipment, we'll do it all over again.



Getinge 400/500HC-E Series

Steam Sterilizers

The economical first choice for OR suites, ambulatory surgical centers and laboratories. These purpose-built sterilizers provide an unmatched combination of processing capacity, technician safety, sterility assurance and cycle flexibility in a value-priced, compact design.

Choice of chamber sizes and validated cycles.

400/500HC-E sterilizers are available in combination models offering pre-vacuum and gravity cycles.

- 17.5"W x 17.5H" x 26"L or 21"W x 21H" x 38"L chamber sizes – up to 18% larger than competitive models

All sterilizers are compliant with AAMI ST8:2008 for processing tray sets up to 25 pounds each.

- Load capacities of 50 or 75 pounds – validated loads of 2 or 3 trays (4 or 12 fabric)

In addition, sterilizers are validated with pre-vacuum and gravity cycles at 270°F (132°C) and 275°F (135°C).

Intuitive touchscreen control. All models feature a large 8.4" AVANTI SVGA color touchscreen display that facilitates on-screen navigation, simplifies cycle selection and enhances visualization of cycle parameters.

- Up to 18 available pre-vacuum and gravity cycles
- Password-protected supervisor and service access

Built for the long-run. Backed by Getinge's 15-year warranty, the highest quality stainless steel chamber and doors provide superior corrosion resistance and structural integrity – just what you would expect from the company that pioneered many of today's advancements in steam sterilization technology.

The standard features you need. All models feature a power door, jacket and chamber pressure gauges, USB flash drive, burn guards, heat-resistant door handle and hinged front panel for emergency access to the chamber, steam generator and controls.

The options you want. 400/500HC-E sterilizers can be configured with a host of options that accommodate your CS's process preferences and strategies.

- Mechanical vacuum pump in lieu of water-injector enhances cycle performance while reducing water consumption
- 30kW steam boiler to replace house steam
- Stainless steel boiler for RO water applications
- Stainless steel components for clean steam applications
- Removable load car with 3 shelves (500HC-E only)
- Panel-mounted, thermal-paper printer



Getinge 633HC

Steam Sterilizer

Holds up to twice the number of trays than similar-size units.

When every square foot counts, the medium-size 633HC sterilizer offers unmatched throughput in a highly efficient design – the ideal replacement unit where space is a premium and workloads are increasing. These units also are aligned to the processing needs of ambulatory surgical centers and easily accommodate larger instrument sets required for orthopedic surgeries.

Large chamber sizes vary only in depth. Each chamber is 26.5” wide and 26.5” high, and can be specified in three depths – 26”, 39” and 51” that holds up to 12 large rigid instrument containers.

Wide selection of standard and configurable cycles. Up to 21 available gravity and pre-vacuum cycles help provide superior sterilization for wrapped and unwrapped porous/nonporous hard goods, gowns, towel packs and liquids in self-venting or unsealed containers.

- Six gravity cycles for wrapped goods, eight vacuum cycles for wrapped or unwrapped goods, four immediate-use cycles, Bowie-Dick test cycle, liquid cycle and vacuum leak test

Simplified controls are easy to use. Each unit features intuitive, flexible soft-key controls that facilitate feature navigation while providing immediate visual confirmation of cycle values – even at a distance.

- Universal symbols are easy to comprehend
- Choice of three operating screens includes bar graph with visible cycle time remaining, plot graph or detailed data display
- Real-time continuous display of cycle values and cycle countdown
- Password-protected supervisor and service access

Additional must-have standard features. The 633HC sterilizer features a stainless steel chamber for superior corrosion resistance, polished chamber interior and a power vertical door. Permanently mounted castors facilitate installation and maintenance.

More options and choices. Units can be specified in a single- or double-door configuration – recessed or cabinet mounted. An available Uninterrupted Power Supply (UPS) provides 115V power for up to 30 minutes to complete a cycle in progress. In addition Getinge’s water-saver package can reduce consumption by 75% or more.

- Choice of rack and shelves or traditional load car and transfer carriage





Getinge 733HC-E Series

Steam Sterilizer

Increased loading capacity in the same wall opening and footprint. If you're looking to replace an older unit or make the most efficient use of space in new construction where the volume of processing is expected to increase, the 733HC-E sterilizer can provide up to 33% greater loading capacity compared to any manufacturer's older 24" x 36" models.

- Standard chamber cross-section of 26.5" wide x 36" high in a choice of three depths, 39", 53" and 61"
- Rectangular chambers maximize the loading area from top to bottom



- Compliant with AAMI ST8:2008 for processing tray sets up to 25 pounds each
- Up to 20 trays and 500 pounds per load (25 pounds per tray)
- Validated with pre-vacuum and gravity cycles at 270°F (132°C) and 275°F (135°C)

High-quality 316L stainless steel construction extends equipment life. Commonly used in medical implants including pins and screws, 316L stainless provides superior post-weld corrosion resistance for the 733HC-E Series chambers, jackets and doors. Plus, polished chamber interiors help reduce the build-up of steam-related deposits.

- 15-year chamber warranty
- Industry-leading one-year parts and labor guarantee

The right cycle, no matter what you need to load. A wide selection of cycles employ gravity/downward displacement with positive pulse conditioning for air removal or pressure/vacuum pulsing for dynamic air removal. Appropriate cycles meet the sterilization requirements for wrapped and unwrapped porous/nonporous hard goods, gowns, towel packs and liquids in self-venting or unsealed containers. Up to 23 pre-vacuum and gravity cycles easily can be accessed in just two steps:

- 8 gravity cycles
- 10 high-vacuum cycles
- Immediate-use cycle for unwrapped goods
- Bowie-Dick test cycle
- Two liquid cycles
- Vacuum-leak test cycle

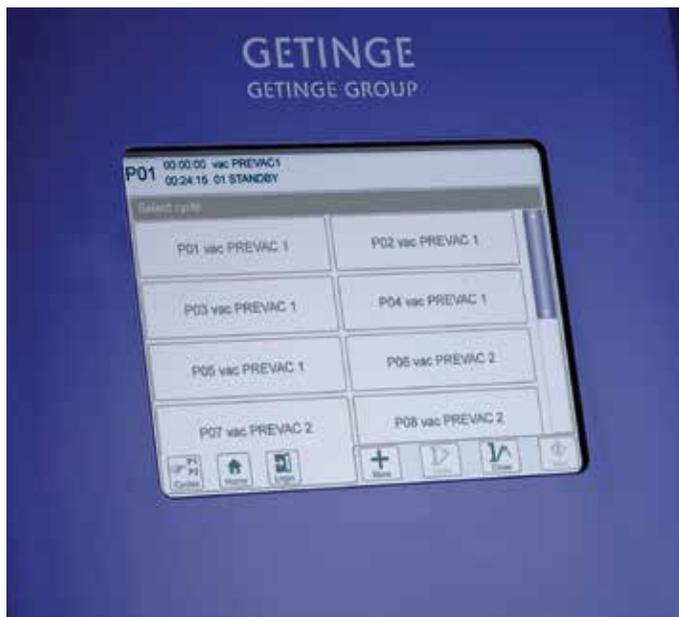
Choice of four real-time cycle data screens keeps you informed at a glance. The unit's highly intuitive 8.4" AVANTI SVGA color touchscreen display makes cycle selections simple and process information easy to see – even at a distance.

- Large easy-to-read circle graph displays time remaining
- Color plot graph tracks and displays cycle temperature and pressure over time
- Bar graph displays temperature and pressure with a large display of the time remaining in the center of the screen
- Detail screen displays real-time process information via easy-to-read text

The standard features and options you don't want to live without. 733HC-E sterilizers with people and performance in mind to help

smooth workflows, ensure technician safety and virtually eliminate unscheduled downtime for many years to come.

- Power operated door slides to clear head ring, then swings open for complete chamber access
- All components are easily accessible for maintenance from the front and side
- Standard copper/brass piping. Optional stainless steel piping for clean steam applications
- Optional mechanical vacuum pump dramatically reduces water/steam consumption while reducing cycle time by up to 10%
- Optional RTD sensors help conserve water by cooling the steam condensate effluent only when needed



Getinge 833HC-E Series Floor Loading Steam Sterilizers

Why first is still foremost. In the early 1980s, Getinge pioneered the development of floor loading steam sterilizers and has continued to refine the concept to this very day. The result is the current iteration of the 833HC-E Series steam sterilizer that represents the ultimate combination of performance, safety and reliability. What's more, these best-in-class sterilizers are easy to use – even among the least experienced and confident members of your CS staff.

One cart or two cart models. The standard 26.5” wide chamber provides increased load capacity when processing 24” wide containers.

- One Cart – 42” chamber depth
- Two Cart – 76” chamber depth

Up to 17 pre-vacuum and gravity cycles. Choice of gravity with positive pulse conditioning, and pressure/vacuum pulsing for dynamic air removal meet the sterilization requirements for wrapped and unwrapped porous/nonporous hard goods, gowns and towel packs. All cycles are sequenced and monitored by the control system.

- Seven gravity cycles
- Seven high-vacuum cycles
- Immediate-use cycle for unwrapped goods
- Bowie-Dick test cycle
- Liquid cycle
- Vacuum-leak test cycle

A window with a view. 833HC-E Series floor loading sterilizers feature an 8.4” AVANTI SVGA color touchscreen display that simplifies cycle selection. Vivid color graphs and high-resolution text are easy to see – even at a distance.

- Large easy-to-read circle graph displays time remaining
- Color plot graph tracks and displays cycle temperature and pressure over time
- Bar graph displays temperature and pressure with a large display of the time remaining in the center of the screen
- Detail screen displays real-time process information via easy-to-read text



Feature-rich design. Stainless steel chambers and doors offer superior corrosion resistance and structural integrity, and are backed by Getinge's 15-year chamber warranty. As a replacement unit, the 833HC-E Series sterilizer provides increased chamber loading capacity within the same wall openings and footprints of existing floor loading sterilizers.

- Industry-leading one year parts and labor guarantee
- The Getinge 4003 Loading Cart can be sterilized and saves precious floor space compared with traditional load cars and transfer carriage-style loading equipment

- Power operated door pivots up, then automatically opens for total chamber access
- Compliant with AAMI ST8:2008 for processing trays up to 25 pounds
- Hinged front panel simplifies servicing and emergency chamber access



Service — Risk Management for Central Sterile & Surgical Suites

A trusted partner.

It can be overwhelming — deciding what to purchase, where to place it, and establishing the return on your investment. We can help you make the right choice — Getinge has a long history of working with industry experts, architects, planners and healthcare professionals. Our expertise has provided customized clinical environments that improve workflow, boost productivity and enhance patient care.

We start from the ground up — literally. We begin with a complete assessment and analysis of space requirements, ergonomics, staffing levels and patient volume. We take into consideration important factors such as hospital communication systems, staff and patient flow, and flexibility to facilitate vertical or horizontal expansion supporting technology and demand changes. Our facility planning and design team is with you throughout the entire project from planning, install and to final sign off.

Peak operations — protecting your profits

We call them risk management services for a good reason. And here's why. For many facilities, more than 65% of patient billings are generated within the OR. In turn, this significant uninterrupted revenue stream, as well positive patient outcomes, are highly dependent on the reliable operation and performance of your surgical tables, lighting systems, integration software and infection control technology.

Even the slightest problem in the OR can place your surgical workflows and even your patients at risk. That's why leading facilities trust Getinge's certified professional service organization to help keep your equipment running smoothly and respond quickly to any problems that might arise.

From facilities design and equipment planning services through best-of-class service and parts support, Getinge is with you every step of the way.

We invite you to arrange a personal consultation with a Getinge Group Surgical Workflow Representative to help create an effective strategy to manage your constantly changing facility. Call us today, 1-800-475-9040.



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Getinge Group is a leading global provider of innovative solutions for operating rooms, intensive-care units, hospital wards, sterilization departments, elderly care and for life science companies and institutions. With a genuine passion for life we build quality and safety into every system. Our unique value proposition mirrors the continuum of care, enhancing efficiency throughout the clinical pathway. Based on our first-hand experience and close partnerships, we are able to exceed expectations from customers — improving the every-day life for people, today and tomorrow.