400/500HC-E SERIES STEAM STERILIZERS FOR HEALTHCARE

Safety without compromise
RAISE THE BAR ON PERFORMANCE

Whether you are under increasing demands to sterilize larger instrument sets up to 25 pounds or to meet new demands for immediate-use steam sterilization, Getinge provides complete solutions to help you achieve your goals. When you need to process more instruments in a shorter time, Getinge develops innovative new products to make this happen.

Just one look will tell you that the Getinge 400HC-E and 500HC-E Series Steam Sterilizers are built to deliver an unmatched combination of sterility assurance, cycle flexibility, real-time information access and advanced operator controls. The new 8.4” touchscreen display makes it easier than ever to set parameters and custom name cycles for fast, accurate identification.

Reliability you can expect from Getinge
The highest quality stainless steel chamber and doors provide superior corrosion resistance and structural integrity - backed by Getinge’s 15-year chamber warranty. The 400/500HC-E Series Steam Sterilizations are compact, versatile and reliable, combining high capacity with cost efficiency and environmental benefits.

- Designed for centralized or decentralized sterile processing
- Ideal for OR suites, ambulatory surgery centers or laboratories
- Compliant with AAMI ST8:2008 for tray sets up to 25 pounds each
- Validated with programs to sterilize at either 132°C or 135°C
- Optional stainless steel piping supports clean steam applications
- Water-ejector vacuum standard; mechanical vacuum pump optional
- Steam generator option eliminates need for house steam
- Vertical sliding door; manual or power; single or pass-through

Getinge’s leadership in sterilization is based on over 60 years of accumulated experience, fused with skillful engineering, specialized technology and application expertise. The result is a continuing series of leading-edge features, high-quality manufacturing, secure control systems and versatile software programs that raise the bar on sterilizer performance.

Our most important delivery is not machines.
It’s our vision that instruments are always ready for use when needed; that the flow of sterile goods is safe, smart, efficient and ergonomic, and that your total cost is as low as possible.

Good patient outcomes depend on sterile instruments being in the right place, at the right time.
SELECT THE CYCLES AND CHAMBER SIZES TO MATCH YOUR NEEDS

The Getinge 400/500HC-E Series Steam Sterilizers are available in a gravity-only model or a combination model offering prevacuum or gravity cycles. All models feature a counter-balanced vertical sliding door, manual or power operated, and the option of a single door or double door for pass-through operations.

Validated 25 pound sterilizer tray loads
The 400/500HC-E Series Steam Sterilizers are compliant with AAMI ST8:2008 for sterilizing tray sets up to the maximum of 25 pounds each. With a prior standard of 16 pounds per tray, you now can increase your processing capacity of instrument weight by more than 50% per load.

<table>
<thead>
<tr>
<th>Model</th>
<th>Chamber dimensions</th>
<th>Volume (cubic ft.)</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>422HC-E</td>
<td>17.5&quot;W x 17.5&quot;H x 26&quot;L</td>
<td>4.6</td>
<td>Gravity</td>
</tr>
<tr>
<td>522HC-E</td>
<td>21&quot;W x 21&quot;H x 38&quot;L</td>
<td>9.7</td>
<td>Gravity</td>
</tr>
<tr>
<td>433HC-E</td>
<td>17.5&quot;W x 17.5&quot;H x 26&quot;L</td>
<td>4.6</td>
<td>Prevac/Gravity</td>
</tr>
<tr>
<td>533HC-E</td>
<td>21&quot;W x 21&quot;H x 38&quot;L</td>
<td>9.7</td>
<td>Prevac/Gravity</td>
</tr>
</tbody>
</table>

132°C and 135°C validated cycles
Medical devices are becoming more complex and now manufacturer’s written instructions are becoming more differentiated. The 400/500HC-E Series Steam Sterilizers are validated with prevacuum and gravity sterilization cycles at 132°C (270°F) and 135°C (275°F). Preprogrammed cycles include gravity cycles and prevacuum cycles for immediate-use steam sterilization (I USS). This saves you time programming custom cycles and self-validating sterilization efficacy.*

*Deviation from pre-programmed cycle parameters requires user validation.

<table>
<thead>
<tr>
<th>Cycle Type</th>
<th>Exposure Temperature</th>
<th>Exposure Time (min)</th>
<th>Dry Time (min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevac</td>
<td>275°F (135°C)</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Prevac</td>
<td>270°F (132°C)</td>
<td>4</td>
<td>16</td>
</tr>
<tr>
<td>Prevac</td>
<td>275°F (135°C)</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Immediate-use</td>
<td>275°F (135°C)</td>
<td>3</td>
<td>30 seconds</td>
</tr>
<tr>
<td>Immediate-use</td>
<td>275°F (135°C)</td>
<td>10</td>
<td>30 seconds</td>
</tr>
<tr>
<td>Gravity</td>
<td>250°F (121°C)</td>
<td>30</td>
<td>45</td>
</tr>
<tr>
<td>Gravity</td>
<td>275°F (135°C)</td>
<td>10</td>
<td>45</td>
</tr>
</tbody>
</table>
Intuitive touchscreen control streamlines operations
The new, large 8.4” AVANTI SVGA color touch screen display makes on-screen navigation, cycle selection and modifications to cycle parameters easier than ever. Customize your sterilization cycles after names of surgeons or procedures for quick, accurate identification. You now have the ability to program up to 18 different prevacuum cycles for increasing numbers of IFU’s with slightly different parameters. The operator panel is mounted above the door and provides the following features --

Control Interface
- Password protected supervisor and service access security
- Tap to display cycle list and select cycles
- Quick, on-screen editing of cycle parameters
- Text messages in lieu of codes and symbols
- Audible and visual feedback
- Variety of different process displays, including circle graph, plot graph, bar graph or a details list

Control Board
- NetCOM Ethernet connection for remote monitoring of processes
- T-DOC instrument tracking interface
- USB printer interface

Panel Mounted
- Thermal-paper cycle printer with take-up
- Jacket and chamber pressure gauges
- USB flash drive slot for back-up cycle records
GETINE 400/500HC-E

- Thermal paper cycle printer with take-up
- Generous Chamber Volumes
  - 400HC-E (4.6 Cu. Ft.)
  - 500HC-E (9.7 Cu. Ft.)

- Multiple Loading Options
  - Interior rack with 2 shelves (All models)
  - Removable load car with 3 shelves (500HC-E only)

- Optional stainless steel piping to chamber and jacket

- Manual or power operated door

- Full hinged front panel for emergency access to chamber, steam generator and controls

- Optional foot pedal for hands-free operation

- NetCOM connectivity
- 8.4” SVGA color display with visible time remaining graph
- USB flash drive

- Burn guards and heat-resistant door handle for operator safety

- Power On/Off Switch

- Optional 30kW steam boiler can replace house steam (3 pH power)
- Stainless steel boiler option for RO water clean system applications

- Optional mechanical vacuum pump in lieu of water-ejector
- Better cycle performance
- Lower water consumption
ACCESSORIZE FOR QUALITY ASSURANCE

CONFIGURATION OPTIONS
- Recessed or Freestanding With Cabinet Package
- Single or Double-Door for Pass-Thru Operations
- Water-Ejector Vacuum or Vacuum Pump
- Stainless Steel Piping to Jacket and Chamber

LOADING ACCESSORIES
- Interior Rack With Extendable Shelves
- Removable Load Car With Transport Trolley

STERILITY ASSURANCE ACCESSORIES
- BIOSIGN Steam-24 Biological Indicator (BI)
- BIOSIGN SSI Test Pack
- Getinge Assure AccuFast Biological Test Pack
- CHEMISIX Family of Chemical Sterilization Monitors
- Steam Sterilization Integrators
- Assure S.M.A.R.T Green Bowie & Dick Test Pack

INSTALLATION, SERVICE AND SUPPORT
- National project management and installation at all levels
- Complete product IQ, OQ and PQ services
- Service contracts and life cycle technical support
- Performance optimization for maximum uptime performance
- Proactive remote online monitoring system

ATP CONTAMINATION MONITORING SYSTEM
The Getinge Assure SafeStep Contamination Monitoring System verifies the cleanliness of surfaces, endoscopes and cannulated instruments in just 15 seconds. By detecting ATP (adenosine triphosphate) – an indicator of residual contamination – SafeStep gives you the testing power to minimize HAIs and optimize patient and staff safety.
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.