THE BEST JUST BECAME BETTER
TRANSFORMING LOW TEMPERATURE STERILIZATION

PERFORMANCE, RELIABILITY and SAFETY

One Integrated Approach to Healthcare
Introducing the world’s Fastest Sterilization Cycle

The V-PRO™ maX2 Sterilizer delivers greater productivity for day-to-day OR needs than any sterilizer on the market

- Shortest cycle time
- Largest chamber capacity
- Less sterilant, more value

**maX speed** FOR NON LUMEN DEVICES

**V-PRO™ maX2**

- V-PRO™ maX2 Sterilizer
  - Fast Non Lumen Cycle up to 5kg

**Brand X**

- STERRAD 100NX® Sterilizer
  - Express Cycle***
  - up to 4.9kg

**maX capacity** FOR NON LUMEN DEVICES

**V-PRO™ maX2**

- V-PRO™ maX2 Sterilizer
  - Non Lumen Cycle
  - up to 22.7kg

**Brand X**

- STERRAD 100NX® Sterilizer
  - Standard Cycle
  - up to 9.7kg

INCREASED PRODUCTIVITY

REDUCED EXPENSE

- 35% less consumable cost*
- 27% less service cost*
- 20% faster BI read**

*** STERRAD 100NX® Sterilizer Express Cycle time excludes the 5 minutes conditioning phase and moisture test to be added to the cycle time to have a complete cycle comparable to the V-PRO maX2 Fast Non Lumen Cycle. STERRAD® Systems with AllClear™ Technology brochure No. AD-160029-01-CT A 2017

* Savings based on U.S. Government contract pricing for STERRAD 100NX in 2014 over a 7 year lifetime. ** With Celarity 20 HP Biological Indicator
RFID technology notifies you of remaining sterilant and cup expiration to help reduce waste.

**PERFORMANCE**

**V-PRO™ max2**
Low Temperature Sterilization System

**Industry-leading cycle performance**

<table>
<thead>
<tr>
<th>Cycle Type</th>
<th>Maximum weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fast Non Lumen</td>
<td>5 KG</td>
</tr>
<tr>
<td>Non Lumen</td>
<td>22.7 KG</td>
</tr>
<tr>
<td>Flexible</td>
<td>10.9 KG</td>
</tr>
<tr>
<td>Lumen</td>
<td>8.9 KG</td>
</tr>
</tbody>
</table>

**Less Sterilant**
Fast Non Lumen Cycles use half the sterilant compared to all other V-PRO™ Sterilizer cycles, lowering your cost-per-cycle.

**Know your running low**
RFID technology notifies you of remaining sterilant and cup expiration to help reduce waste.

**PRO-LITE™ Sterilization Trays**
Designed specifically for V-PRO™ Sterilizers, optimise loading capacity and increase weight capacity.

**Popular devices validated**
Experience the speed of the innovative Fast Non Lumen Cycle and process devices in just 16 minutes, such as:

- Cameras
- Telescopes
- Batteries
- Laryngoscope blades

**Mixed loads:** Process 2 flexible scopes in the same load or a flexible scope + a non-lumen load.

2 flexible endoscopes; or 1 endoscope and non-lumenied load (total of 11 kg combined).

20 stainless steel lumens (single, dual or triple channel devices).

Popular devices validated experience the speed of the innovative Fast Non Lumen Cycle and process devices in just 16 minutes, such as:

- Cameras
- Telescopes
- Batteries
- Laryngoscope blades
RELIABILITY

MaX Ease
Simple, intuitive cycle selection via large icons make training and day-to-day use easy

Exceptional conditioning phase and smart reservoir in the V-PRO™ Sterilizer
- Moisture check to verify the load is dry*
- If moisture is detected, the V-PRO™ Sterilizer will attempt to remove residual moisture from the load and packaging
- Built-in reservoir in the V-PRO™ Sterilizer stores the VAPROX™ HC Sterilant before injection during the conditioning phase and prevents the use of VAPROX™ HC Sterilant in case of aborted cycles

*Users must always ensure the load is thoroughly dried prior to placing the load in the sterilizer

Hands-free loading
Innovative foot pedal makes loading quick, safe and easy

V-PRO™ maX 2 Sterilizer + Celerity™ 20 HP Biological Indicator = MAXIMUM THROUGHPUT
Fastest Results in the Industry

celerity™ 20 HP Biological Indicator
- 20 minute read, World's fastest BI
- 20% faster than leading competitor
- Accelerated load release means improved productivity
- Innovative glass-free design increases staff safety

Compliance made simple
Driven by real-time data delivered from your V-PRO™ maX 2 Sterilizer and Celerity™ HP Incubator to your facility’s tracking system, ConnectAssure Technology allows your staff to focus on what matters most — supporting the OR
- Complete sterilization records in one place
- Reminders for regular maintenance tasks
- Essential reporting for compliance
- Demonstrate compliance over a defined period
- Eliminate lost or incomplete sterilization records

No tracking system? No problem
ConnectAssure Technology has a robust interface that allows all the benefits of the software without a facility tracking system
<table>
<thead>
<tr>
<th>Overall dimensions (WxDxH)</th>
<th>Single Door Recessed: 838 x 973 x 1829 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Single Door Cabinet: 838 x 973 x 1829 mm</td>
</tr>
<tr>
<td></td>
<td>Double Door Recessed: 838 x 1040 x 1829 mm</td>
</tr>
<tr>
<td>Chamber size</td>
<td>432 x 381 x 826 mm</td>
</tr>
<tr>
<td>Chamber usable volume</td>
<td>136 L</td>
</tr>
<tr>
<td>Installation requirements</td>
<td>System installation requires no plumbing, ventilation or air supply – only a dedicated electrical connection is needed. A power cord is supplied for this connection</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>≤ 51.5 °C</td>
</tr>
<tr>
<td>Chamber</td>
<td>Chamber and door assembly are aluminium equipped with a silicone rubber gasket for the door and a welded backhead for the chamber</td>
</tr>
<tr>
<td>Door locking mechanism</td>
<td>Automatic door locking mechanism keeps the sterilization system door locked during the entire Sterilization Cycle. After cycle completion, the door is electrically unlocked</td>
</tr>
<tr>
<td>Sterilant cup interface</td>
<td>Only accepts VAPROX™ HC Sterilant Cups. The system control automatically tracks the amount of VAPROX™ HC Sterilant used and the sterilant expiration date</td>
</tr>
<tr>
<td>Catalytic converter</td>
<td>Catalytic converter receives outflow from chamber during all cycle phases and converts hydrogen peroxide into water vapor and oxygen</td>
</tr>
<tr>
<td>Control display panel</td>
<td>Control display panel is located on the front of the Sterilization unit. This colour touch panel provides user information and allows user inputs. The display is a 640 x 480 pixel resolution, 10.4” screen</td>
</tr>
<tr>
<td>Printer</td>
<td>The alphanumeric impact printer provides an easy-to-read permanent record of the Sterilization Cycle. Printer provides a 5.7 mm, 24-character-wide cycle tape and paper take-up</td>
</tr>
</tbody>
</table>

**V-PRO™ maX²2**

**Low Temperature Sterilization System**

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**The best just became better**

973 mm Recessed Single Door
973 mm Cabinet Single Door
1040 mm Recessed Double Door

**Indicators**

- VERIFY™ VH2O2 Vaporize Process Indicator Strips
- VERIFY™ VH2O2 Vaporized Process Label
- VERDOC™ VH2O2 Vaporized Record Cards with Process Indicator
- VERIFY™ VH2O2 Indicator Tape
- Celerity™ 20 HP Biological Indicator
- Celerity™ incubator
- Celerity™ HP Challenge Pack
- VERIFY™ V24 Self-contained Biological Indicators
- VERIFY™ Biological Indicator Incubators
- VERIFY™ Biological Indicator Challenge Pack for VH2O2 Sterilization Processes

**Sterilant and accessories**

- VAPROX™ HC Sterilant
- Trays
- Tray mats and organisers
- Tyvek® Pouches and Reels
- Tyvek® Tape
- ZENPACK SMMS Polywraps

Tyvek® is a registered trademark of DuPont.
The STERIS Device Testing team has the knowledge, expertise and tools to provide you confidence when reprocessing validated devices. This team works closely with medical device manufacturers to test devices for material compatibility and sterilization efficacy.

The validated list of medical devices for the V-PRO™ Sterilizers is growing. Examples of currently validated devices include:

<table>
<thead>
<tr>
<th>Endoscope</th>
<th>Arthroscopes</th>
<th>Bronchoscopes</th>
<th>Cystoscopes</th>
<th>'da Vinci® Endoscopes</th>
<th>Hysteroscopes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Choledochoscopes</td>
<td>Intubation Endoscopes</td>
<td>Laparoscopes</td>
<td>Rhinolaryngoscopes</td>
<td>Ureteroscopes</td>
</tr>
<tr>
<td>Endoscope Accessories</td>
<td>Cameras</td>
<td>Sheaths/Adapters/Bridges</td>
<td>Cannulas</td>
<td>Fibre Optic Light Cables</td>
<td>Obturators</td>
</tr>
<tr>
<td>Powered Instruments</td>
<td>Batteries</td>
<td>Chuck</td>
<td>Drills</td>
<td>Saws</td>
<td>Handpieces</td>
</tr>
<tr>
<td>General Surgical Instruments</td>
<td>Curettes</td>
<td>Forceps</td>
<td>Scissors</td>
<td>Retractors</td>
<td></td>
</tr>
<tr>
<td>Packaging</td>
<td>Wraps</td>
<td>Rigid Containers</td>
<td>Trays</td>
<td>Pouches</td>
<td></td>
</tr>
<tr>
<td>Other Devices</td>
<td>Bougies</td>
<td>Transducers</td>
<td>Defibrillation Paddles</td>
<td>Laryngoscope Blades and Handles</td>
<td>Flow probes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ultrasound Probes</td>
<td>Gonio/Vitrectomy Lens</td>
<td></td>
</tr>
</tbody>
</table>

*da Vinci endoscopes is a registered trademark of Intuitive Surgical, Inc.

Discover our online compatibility matrix!
We constantly update a long list of instruments validated for use in V-PRO™ Sterilizers and many more.
V-PRO™ Sterilizers are SAFE for the User, the Patient, the Medical Devices and the Environment*

No toxic residues are released to the environment, only water and oxygen vapor

- Hydrogen Peroxide emissions from V-PRO™ Sterilizers are well below the established Permissible Exposure Limits (PEL) for all countries where applicable
- The 15-minute Short-Term Exposure Limit (STEL) levels of Hydrogen Peroxide are below all applicable standards

*V-PRO™ Low Temperature Sterilization System, Environmental H2O2 Safety Profile. Independent testing, using a fully validated OSHA test method, demonstrates industry-leading levels of Safety for Healthcare employees and the environment. For further information and scientific studies visit www.steris.com

Antimicrobial efficacy

- The broad spectrum activity of VHP has been widely studied and published, with known virucidal, bactericidal, fungicidal, mycobactericidal, cysticidal and sporicidal activity
- The V-PRO™ Sterilizer can inactivate TSE prion proteins and reduce the risk of prion infectivity on medical device surfaces*

*Testing was confirmed in vitro and in vivo with multiple strains of prion (including vCJD/BSE) under worst case test conditions and in the presence/absence of cleaning.

Designed to meet parametric release criteria in accordance to the requirements of EN ISO 14937

The performance of the V-PRO™ maX Sterilizer is ensured through rigorous control and independent monitoring of various critical parameters during the cycle. If any process parameter is outside of the established ranges, the cycle will abort.

*Testing was confirmed in vitro and in vivo with multiple strains of prion (including vCJD/BSE), under worst case test conditions and in the presence/absence of cleaning.
V-PRO™ Sterilizers - Transforming low temperature sterilization through:

**SAFETY** for the User, the Patient, the Medical Devices and the Environment. No toxic residues, only Oxygen and Water

**RELIABILITY** Broad range of device manufacturer endorsements, fewer moisture-related aborts increasing productivity

**PERFORMANCE** Faster cycle times and industry leading cycle claims will allow for a quick device turnaround and maximizing the number of devices per load

**Professional Education & Clinical Expertise**
Get connected to STERIS University, encompassing training disciplines and quality Clinical Education, delivered by a team of expert industry professionals.

For more details, ask educationdesk@steris.com or visit university.steris.com