Sonicision™ Cordless Ultrasonic Dissection System

Cleaning and Sterilization Guide (Refer to User’s Guide for complete instructions)

**CLEANING**

1. **Preparation for Cleaning**
   - Inspect the generator, battery and sterilization tray for damage. Replace if damaged.
   - Prepare a solution of pH neutral, pH neutral enzymatic or alkaline detergent in accordance with the manufacturer’s instructions.

2. **Soaking**
   - Soak the generator, battery and sterilization tray in the detergent mix for 5 to 10 minutes.

3. **Manual Cleaning**
   - Manually clean the battery, generator and sterilization tray using a stiff, nylon-bristle brush and the detergent solution.
   - Thoroughly clean the generator retention ring, generator seam, battery seam, battery pack release latch and battery contact points. Do not use abrasive cleaning agents or metal cleaning tools, such as stainless steel brushes.
   - Thoroughly rinse components with clean water.

4. **Drying**
   - Dry generator, battery and sterilization tray in the detergent mix until completely dry.

5. **Disinfecting (optional)**
   - If facility processes require disinfection prior to sterilization, wipe the surfaces of the generator, battery and sterilization tray with an isopropyl-alcohol (up to 100%) surface disinfectant.

**CHARGING BATTERY**

**Charging a Battery**

1. Verify the battery and charger are clean.
2. Insert battery into a charger bay until battery is fully seated. Note the color of the illuminated battery status LED.
3. When fully charged, remove battery from charger and sterilize.

**Charge Status Light Indicator Chart**

- Battery is fully charged and can be sterilized for use.
- Battery charging. Do not remove the battery until the charge cycle is complete and the status light turns green.
- Battery has reached its maximum usage or is otherwise nonfunctional. Do not use. Recycle or properly dispose of the battery.
- The charger bay is unavailable. Insert a known functional battery into the bay. If the condition persists, use another bay to charge the battery. Contact Covidien to order a replacement charger.

**STERILIZING**

**Sterilizing**

1. Ensure generator, battery and sterilization tray are clean and dry before sterilization.
2. Place the generator and battery within the tray.
3. Cover sterilization tray base with lid and latch.
4. Utilize one of the following sterilization configurations:

<table>
<thead>
<tr>
<th>Sterilizer</th>
<th>Sterile Barrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>STERRAD™ 100S</td>
<td>Polypropylene Wrap</td>
</tr>
<tr>
<td>STERRAD™ NX™</td>
<td>Tyvek Pouch (Single)</td>
</tr>
<tr>
<td>STERRAD™ 100NX™</td>
<td>Tyvek Pouch (Double)</td>
</tr>
<tr>
<td>STERRIS V-PRO™ 1</td>
<td>✓</td>
</tr>
<tr>
<td>STERRIS V-PRO™ 1 PLUS</td>
<td>✓</td>
</tr>
<tr>
<td>STERRIS V-PRO™ maxX</td>
<td>✓</td>
</tr>
</tbody>
</table>

   - **Polypropylene Wrap** – Wrap the sterilization tray in a compatible polypropylene sterilization wrap according to the manufacturer’s instructions.
   - **Single Tyvek Pouch** – Place the sterilization tray in a single compatible Tyvek pouch, and seal according to the manufacturer’s instructions.
   - **Double Tyvek Pouch** – Place the sterilization tray within two compatible Tyvek pouches, and seal according to the manufacturer’s instructions. The Tyvek side of the inside pouch must be aligned with the Tyvek side of the outside pouch.
   - 6. Sterilize the generator and battery within the enclosed sterilization tray using the following STERRAD™ or STERRIS V-PRO™ models/ cycles in accordance with manufacturer’s instructions:

<table>
<thead>
<tr>
<th>Model</th>
<th>Cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>STERRAD™ 100S</td>
<td>Standard, Short or Long*</td>
</tr>
<tr>
<td>STERRAD™ NX™</td>
<td>Standard</td>
</tr>
<tr>
<td>STERRAD™ 100NX™</td>
<td>Standard</td>
</tr>
<tr>
<td>STERRIS V-PRO™ 1</td>
<td>Lumen</td>
</tr>
<tr>
<td>STERRIS V-PRO™ 1 Plus</td>
<td>Lumen</td>
</tr>
<tr>
<td>STERRIS V-PRO™ maxX</td>
<td>Lumen</td>
</tr>
</tbody>
</table>

   *Short and Long cycles are not available on 100S models sold in the United States

5. Follow these steps according to the sterile barrier selected:
   - Thoroughly clean the generator retention ring, generator seam, battery seam, battery pack release latch and battery contact points. Do not use abrasive cleaning agents or metal cleaning tools, such as stainless steel brushes.
   - Thoroughly rinse components with clean water.

5. **Disinfecting (optional)**
   - If facility processes require disinfection prior to sterilization, wipe the surfaces of the generator, battery and sterilization tray with an isopropyl-alcohol (up to 100%) surface disinfectant.

**CAUTION: DO NOT STEAM AUTOCLAVE, FLASH or use EtO to sterilize any part of the device or accessories. Use low-temperature hydrogen peroxide sterilization only.**

For more information, contact your local sales representative or call the Clinical Hotline at: 1-800-255-8522.

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