Pre Vacuum Steam Autoclaves

Categories: Hospital CSSD

BASIC FUNCTION: The autoclave uses saturated steam as sterilizing medium. The first stage is a steam pulsation/vacuum method to effectively remove all the air from porous packs and to raise the packs temperature prior to the sterilizing stage. After sterilizing, it adopts to a high-vacuum to effectively remove all moisture from the packs.


DOOR CONFIGURATIONS:
Type of Door  Single Door  Pass Trough System
Automatic Sliding Door:  JSD Series  JSD Series
Manual Hinge Door:  JDH Series  JDHD Series

ACCESSORIES:
All autoclaves are PLC controlled, fully automatic and can be equipped with flush mounted cycle printers. All autoclaves can be equipped with Internal Steam Generators. All autoclaves sized 600lt and above are equipped with a carriage and trolley set. All autoclaves sized below 600lt are equipped with two internal sliding trays. All autoclaves are equipped with soft touch screens with a clear two line LCD display. All autoclaves are equipped with emergency stop buttons. All autoclaves are manufactured with accordance to the South African SABS 982-1990 standard specifications for high-pressure high-vacuum steam sterilizers. All autoclaves have a five year pressure vessel integrity warranty. All autoclaves can be equipped with high quality solenoid or pneumatic valves. All autoclaves are equipped with rapid drawing vacuum-pumps. All autoclaves are equipped with the most sophisticated water saving technics available.

Hospital Vacuum Sterilizer (Sliding Door)

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>JSD 160</th>
<th>JSD 200</th>
<th>JSD 400</th>
<th>JSD 600</th>
<th>JSD 1200</th>
<th>JSD 2000</th>
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</thead>
<tbody>
<tr>
<td>Design Temp (°C)</td>
<td>141</td>
<td>141</td>
<td>141</td>
<td>141</td>
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<tr>
<td>Design Press (kPa)</td>
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<td>0.26</td>
<td>0.6</td>
<td>1.2</td>
<td>1.5</td>
<td>1.5</td>
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<tr>
<td>Inner size (m³)</td>
<td>0.36</td>
<td>0.36</td>
<td>0.36</td>
<td>0.36</td>
<td>1.2</td>
<td>1.5</td>
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<tr>
<td>Outer size (m³)</td>
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<td>0.5-0.8</td>
<td>0.5-0.8</td>
<td>0.5-0.8</td>
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<tr>
<td>Steam Usage (Kg)</td>
<td>0.15-0.3MPa</td>
<td>0.15-0.3MPa</td>
<td>0.15-0.3MPa</td>
<td>0.15-0.3MPa</td>
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<tr>
<td>Water (Lt)</td>
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<td>1100</td>
<td>1500</td>
<td>2100</td>
<td>3000</td>
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<td>Design Press (kPa)</td>
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<td>245</td>
<td>245</td>
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Hospital Vacuum Sterilizer (Hand Operated Hinge Door Series)

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<th>SPECIFICATION</th>
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<tr>
<td>Design Temp (°C)</td>
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