HiSteriCan™

HiSteriCan™ are closed sterile canisters for sterility testing of pharmaceutical raw materials, drugs, formulations etc.

Product Overview

These closed sterile canisters are integrated with 0.45μ membrane of nylon or cellulose acetate. The whole design can keep all process being carried out in complete closed condition, including transfer, filtration and incubation which avoids exogenous contamination. The canister connections and reinforced base structure provide better resistance to pressure.

Applications

- Laboratory Filtration
- Pharmaceutical Sterility Testing
  Sterility Testing < USP 71>

Features

- Closed system to avoid extraneous contamination
- 0.45 μ membrane with 100% integrity
- Recommended for single use
- Nontoxic, Non pyrogenic
- Validated for sterility, microbial recovery and retention

HiSteriCan™ Product Range

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Type of Membrane</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>LA981N</td>
<td>HiSteriCan™ for LVP</td>
<td>0.45 μ Nylon membrane</td>
<td>For LVP in Bottle with antibiotics</td>
</tr>
<tr>
<td>LA982N</td>
<td>HiSteriCan™ for antibiotic vials</td>
<td>0.45 μ Nylon membrane</td>
<td>For Powder in vial with antibiotics</td>
</tr>
<tr>
<td>LA981C</td>
<td>HiSteriCan™ for LVP</td>
<td>0.45 μ Cellulose acetate membrane</td>
<td>For LVP in Bottle without antibiotics</td>
</tr>
<tr>
<td>LA982C</td>
<td>HiSteriCan™ for powder w/o antibiotics</td>
<td>0.45 μ Cellulose acetate membrane</td>
<td>For Powder in vial without antibiotics</td>
</tr>
<tr>
<td>LA986C</td>
<td>HiSteriCan™ for Lyophilized powder</td>
<td>0.45 μ Cellulose acetate membrane</td>
<td>For Lyophilized Powder for Injection (Biological products)</td>
</tr>
<tr>
<td>LA987C</td>
<td>HiSteriCan™ for Emulsions</td>
<td>0.45 μ Cellulose acetate membrane</td>
<td>For Emulsions or hard filtering aqueous samples</td>
</tr>
</tbody>
</table>
Technical specifications

Configuration: 2 canisters

Materials of Construction:
Canister body AS (Acrylonitrile-styrene)
Tubings PVC, 1100 mm length
Needle Single core Needle
Membrane: 0.45 µ Cellulose acetate or Nylon
Capacity: 120 ml
(gradation marks at 50, 75 and 100 ml)

Water Flow rate: >300 ml/min at 20-26°C
Filter on Canister vent: 0.2 µ Polytetrafluoroethylene (PTFE) membrane
Filter on Needle vent: 0.2 µ Polytetrafluoroethylene (PTFE) membrane
Sterilization: ETO

Operating Conditions:
Maximum operating pressure 0.30 MPa (43.5 psi)
Maximum endure pressure 0.50 MPa (72.5 psi)
Maximum operating temperature 45°C
Shelf life: 2 years

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