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 neilsbed
- **Membrane**: 0.45 µ Cellulose acetate or Nylon
- **Capacity**: 120 ml (graduation 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

---

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related HiMedia™ publications. The information contained in this publication is based on our research and development work and is to the best of our knowledge true and accurate. HiMedia™ Laboratories Pvt Ltd reserves the right to make changes to specifications and information related to the products at any time. Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing use only, unless otherwise specified. Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.