

## Sterility Test Device Type II

LA979

Sterility Testing Device Type II is an integrated automated peristaltic pump device with advanced features recommended to carry out sterility testing of pharmaceutical raw materials, drugs, formulations etc.

### Main applications

- \*Laboratory Filtration
- \*Pharmaceutical Sterility testing USP 71
- \*Sterility testing of sterile preparations, including antibiotics and medicines containing antibacterial ingredients, infusion, water injection, sterile medical equipments, sterile water for injection, etc.



### Product Overview

The whole sterility test system design keeps all the processes being carried out in complete closed condition, including transfer, filter and incubate, which avoids exogenous contamination. The canister connections and reinforced base structure provide better resistance to pressure.

Sterility Testing Device Type II Pump is a matching device used together with HiSteriCan™ Sterility Test Kits. Under the positive pressure by peristaltic pump, the sample is transferred into the filtration units, then filtered and incubated with culture media, to examine that if there is any microbial growth to detect presence of microorganisms and determine if the sample is sterile or nonsterile.

### Features

- \*Compact design, occupies less space and prevents undesirable air turbulence
- \*Stainless steel enclosure having mirror finish makes the surface smooth, easy to clean and disinfect
- \*Coloured LCD display shows the date, time, temperature and humidity
- \*With glass panel and foot switch, convenient for operation
- \*Touch control buttons, digital pulse speed control knob with switches
- \*Common four levels of speed, can be set up by a key, with memory function of speed
- \*New design of dual bracket for bottles and bags
- \*Water proof foot switch
- \*Quadruple security features: Prevent overcurrent, overvoltage, overload, motor stalling
- \*Brushless DC motor makes the machine high reliable, durable and better explosion-proof

### Specifications

1. Power supply: 220V/50HZ
2. Power: 90W
3. Pump speed: 15-300 rpm
4. Total height of hanger: 38 cm
5. Weight: 16 kg
6. Dimension: (LxWxH) 23.0cm x 31.0 cm x 11.0 cm

## Operating Conditions using HiSteriCan™

- i. Max. Operating Pressure: 0.30MPa (43.5) psi    ii. Max. Endure Pressure: 0.50MPa (72.5) psi  
 iii. Maximum Operating Temperature: 45°C

### HiSteriCan™ Product range ETO / Gamma irradiation sterilized

Code	Description	Type of membrane	Application
LA981CEO	HiSteriCan™ For LVP w/o Antibiotic (ETO Sterilized)	0.45 μ, Mixed cellulose ester membrane	For LVP in bottle without antibiotics
LA981CG	HiSteriCan™ For LVP w/o Antibiotic (Gamma Sterilized)		
LA982CEO	HiSteriCan™ For Powder w/o Antibiotic (ETO Sterilized)	0.45 μ, Mixed cellulose ester membrane	For Powder in vial without antibiotics
LA982CG	HiSteriCan™ For Powder w/o Antibiotic (Gamma Sterilized)		
LA986CEO	HiSteriCan™ For Lyophilized Powder (ETO Sterilized)	0.45 μ, Mixed cellulose ester membrane	For lyophilized powder for Injection (Biological products)
LA986CG	HiSteriCan™ For Lyophilized Powder (Gamma Sterilized)		
LA987CEO	HiSteriCan™ For Emulsions (ETO Sterilized)	0.45 μ, Mixed cellulose ester membrane	For Emulsion or hard filtering aqueous samples
LA987CG	HiSteriCan™ For Emulsions (Gamma Sterilized)		
LA981NEO	HiSteriCan™ For LVP (ETO Sterilized)	0.45 μ, Nylon membrane	For LVP in bottle with antibiotics
LA981NG	HiSteriCan™ For LVP (Gamma Sterilized)		
LA982NEO	HiSteriCan™ For Antibiotic Vials (ETO Sterilized)	0.45 μ, Nylon membrane	For Powder in vial with antibiotics
LA982NG	HiSteriCan™ For Antibiotic Vials (Gamma Sterilized)		
LA1049CEO	HiSteriCan™ For Emulsion in Ampoules (ETO Sterilized)	0.45 μ, Mixed cellulose ester membrane	For Emulsions w/narrow mouth ampoules
LA1049CG	HiSteriCan™ For Emulsion in Ampoules (Gamma Sterilized)		
LA1050CEO	HiSteriCan™ For Liquid in Ampoules w/o Antibiotic (ETO Sterilized)	0.45 μ, Mixed cellulose ester membrane	For liquid without antibiotics w/narrow mouth ampoules
LA1050CG	HiSteriCan™ For Liquid in Ampoules w/o Antibiotic (Gamma Sterilized)		