

Consult MicroBio Sterility Testing Solutions



Sterility Test Pump

The sterility pump plays a key role in the Sterility test-membrane filtration method, as it applies positive pressure to transmit the liquid sample to the canister, thereby ensuring efficient filtration under positive pressure. Then the filter membrane is thoroughly washed with appropriate diluent fluid with neutralizers to neutralize any antimicrobial agent present in the product. Following this step, the canister containing membrane filter is filled with the Sterility medium (Fluid Thioglycolate Medium/Tryptone Soya Broth) and then incubated at the appropriate temperature and duration as specified by the Harmonized Pharmacopeia (USP/EP/JP) or applicable regulation, to detect the presence or absence of microbial load in the sample. This assay is important as it guarantees the identification of any microbial contamination (if) present in the sample, making it an essential tool for Product, Consumer, and Brand safety.



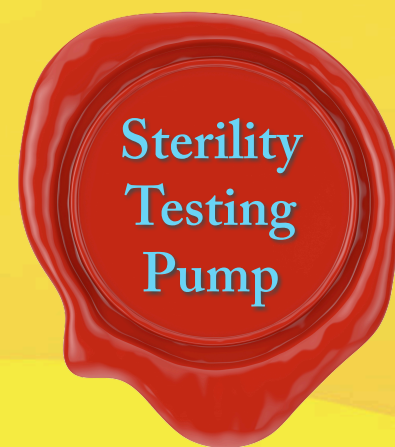
Pic : Sterility Test Pump

Key Features

- The Instrument can run in both automatic and manual mode
- The Instrument body is made of Type 304 Stainless Steel
- User-friendly operation
- Can set more programs to meet better efficiency to handle viscous fluids
- The instrument designed helps its easy cleaning and disinfection
- All the mounting ports of the instrument are waterproof and sealed to prevent entry of the fluid

Product Specifications

Power Supply	220V/110V±10%
Rotate speed	0-240 rpm
Dimension (L x W x H)	44 x 38 x 216.5mm
Instrument Body	Type 304 Stainless Steel
Outer Surface Sterilization	Alcohol wipe
Sterilization	High Pressure & High Temperature
Weight	18 kgs (39.68 Pounds)



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