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Product Name :

Sterilizer,steam,20L,electric,w/access

Product Code :

LBNY-0018-220001



www.laboratoryinstrumentindia.com

Description :

Steam sterilization kills microbes effectively and is often viewed as the gold standard of healthcare sterilization methods. For sterilization of full solid, porous, hollow A and B, plastics, rubber, unwrapped, bagged, single or double wrapped. Not designed for sterilization of liquids, food stuffs or waste. Steam sterilizers use pressurized steam to generate moist heat to eliminate viable microbes from non-heat-sensitive medical devices, including heat-tolerant products used for surgical and general patient care.

Technical Specification :

The internal chamber is made from stainless steel 316L.
The internal chamber has a volume between 20 and 22L.
Vacuum relief line should be filtered with 0.3 µm pore size to allow sterile air into chamber.
The unit is provided with an automatic cycle shut-off.
The unit provided with an internal water tank with a minimum capacity of 4 litres.
The unit equipped with a steam generator.
The unit is fitted with a water circuit filter.
The unit has at least one 3 internal shelves/trays.
The unit has a standard program at 2.2 bar at a temperature of 134°C.
The unit has a standard program between 1.0 and 1.1 bar with a temperature between 118 – 121°C.
The unit is fitted with a safety lock on the front door, preventing the door to be opened when the unit is under pressure.
The unit's power requirements do not exceed 3 kW.
The unit work on a single-phased power grid.
The unit is designed in such a way that outer surfaces remain at safe temperatures when the unit is in operation.

The unit is designed and constructed in such a manner that it is able to withstand frequent disinfection with hospital-grade products.

Power requirements: 230 Volts - 50/60 Hz. (110 Volt units are not available).

DISPLAY FEATURES

The unit is fitted with a front panel providing information on the unit.

The display indicates:

The time until the programme is finished.

The ongoing cycle

Any alerts or alarms.

The current internal temperature.

The current internal pressure.

ALARM AND SAFETY FEATURES

Alarms are audible as well as visual.

Alarms are available for/when:

Temperatures are about to reach limits of the equipment.

Pressures are about to reaching limits of the equipment.

Low water.

Door not closed.

Failed cycles.

Power failure

Exceeding high temperature limit.

The unit is provided with an over-pressure safety valve and an over-temperature safety system.

A notification that the end of sterilization cycle has been reached.



Laboratory Instrument India