



Email : sales@laboratoryinstrumentindia.com

Product Name :

Sterilizer,steam,40L,electric,w/access

Product Code :

LBNY-0018-220002



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.

The sterilizer is suitable for wrapped, unwrapped, solid and hollow items as well as porous loads such as drapes and gowns.

The unit fitted with a front-loading door.

The unit is provided with a minimum of three (3) internal shelves.

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 internal chamber made from stainless steel 316Litre.

The internal chamber has a volume of 40 Litres or more.

Vacuum relief line should be filtered with 0.3 µm pore size to allow sterile air into chamber.

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 provided with an internal water tank with a capacity of 4.2 litre or more.

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

The unit is able to function on a single-phased power grid.

The unit equipped with a steam generator.

The unit is designed in such a way that outer surfaces remain at safe temperatures when the unit is in operation.

Power requirements: 240 Volts - 50/60 Hz (A 110 Volt unit is not available).

DISPLAY FEATURES

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

The display indicates:

The current internal temperature.

The current internal pressure.

The time until the programme is finished.

Any alerts or alarms.

The ongoing cycle.

ALARM AND SAFETY FEATURES

Alarms are audible as well as visual.

Alarms are available for/when:

Low water.

Door not closed.

Temperatures are about to reach limits of the equipment.

Pressures are about to reaching limits of the equipment.

Exceeding high temperature limit.

Failed cycles.

Power failure

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.

Technical Specification :

ENVIRONMENTAL CONDITIONS

Storage conditions: 0°C - 50°C / 90% RH .

Operating conditions: 5°C - 40°C / 50% – 80% RH (above 31°C max. 50% RH).

Depending on the model:

Suitable for operations up to an altitude above sea level of 2,000m

WEIGHT AND VOLUME

Volume: 1,000.00 dm³.

Weight: 130 kg .



Laboratory Instrument India