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Product Name :

Sterilizer,steam,large,elect,floor model

Product Code :

LBNY-0018-2200016



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Description :

Large steam sterilizers are used for bulk sterilization processing and are typically found in the hospital's central supply department. Most operating suites and labour and delivery areas are equipped with smaller units for their own routine needs; however, areas that perform a great deal of sterilization may require large sterilizers. Large freestanding, steam, sterilizer (autoclave), with a usable capacity of 75 litre, electric, with a front-loading door.

Steam sterilization kills microbes effectively and is often viewed as the gold standard of healthcare sterilization methods. 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. Typical items to be sterilized include surgical instrument packs, surgical implants, irrigation fluids, devices intended for and used by patients in isolation, and obstetric and dental instruments.

Technical Specification :

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

The internal chamber made from stainless steel 316L.

The internal chamber has a usable capacity of 75 Litre.

The unit fitted with a front-loading door.

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.

Vacuum relief line should be filtered with 0.2 µm pore size to allow sterile air into chamber.

The unit is provided with a minimum of two (2) internal shelves.
The unit equipped with a steam generator.
The unit is fitted with a reusable water circuit filter (so called outlet strainer).
The unit is provided with an automatic cycle shut-off.
The unit provided with two internal water tanks, one for the vacuum system and one for the steam generator.
The unit requires a 3-phased power grid supplying: 400 Volts at 50Hz, 11 kW.
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 way that it is able to withstand frequent disinfection with hospital-grade products.

ALARM AND SAFETY FEATURES

Alarms are audible as well as visual.
Alarms are available for low water.
Alarms prior to temperature reaching limits of the equipment.
Alarms prior to pressure reaching limits of the equipment.
Alarms are available for door not closed.
Alarms are available for exceeding high temperature limit.
Alarms to indicate:
Low / high temperature
Low heat
Power on
Door unlock
Low / high pressure
Low vacuum
Stand by
The unit is provided with an over-pressure safety system.
A notification that the end of sterilization cycle has been reached.

DISPLAY FEATURES

The display indicates the time until the programme is finished.
The display indicates the current internal temperature.
The unit is fitted with a front panel providing information on the unit.
The display shows the ongoing cycle.
The display will show any alerts or alarms.
The display indicates the current internal pressure.



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