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Product Name :

Sterilizer,steam,large,electric,w/access

Product Code :

LBNY-0018-2200013



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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 steam sterilizer (autoclave) designed as tabletop model with a capacity of 80 litre featuring a front-loading door, suitable for bulk sterilization of wrapped, unwrapped, solid and hollow items as well as porous loads such as drapes and gowns. Electrically powered, requires a single-phase power grid supplying 230 volt, 50/60Hz, 7.4 kW.

Steam sterilization kills microbes effectively and is often viewed as the gold standard of healthcare sterilization methods. 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. 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 sterilizer is suitable for wrapped, unwrapped, solid and hollow items as well as porous loads such as drapes and gowns.

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

The unit fitted with a front-loading door.

The unit comes with one (1) shelf which can accommodate four (4) trays.

The unit has a standard program at 2.2 bar at a temperature of 134°C.

The internal chamber made from stainless steel 316L.

The internal chamber has a volume between 80 Litre.

The unit is provided with an automatic cycle shut-off.
The unit provided with an internal water tank of 14 litres.
The unit equipped with a steam generator.
The unit has a standard program between 0.1 and 0.3 bar with a temperature between 105°C - 138°C.
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.
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 is fitted with a water circuit filter.
Power requirements are: single-phase power grid, 220 Volt, 50/60Hz, 7.4 kVA.

DISPLAY FEATURES

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

ALARM AND SAFETY FEATURES

Alarms are audible as well as visual.
Alarms are available for low water.
Alarms prior to pressure reaching limits of the equipment.
Alarms to indicate failed cycles, e.g., early termination, failure to reach targeted temperature or pressure.
Alarms are available for door not closed.
Alarms are available for exceeding high temperature limit.
Alarms prior to temperature reaching limits of the equipment.
The unit is provided with an over-temperature safety system installed which will abort the cycle and generate an alarm.
A notification that the end of sterilization cycle has been reached.
The unit is provided with an over-pressure safety system through a safety valve.



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