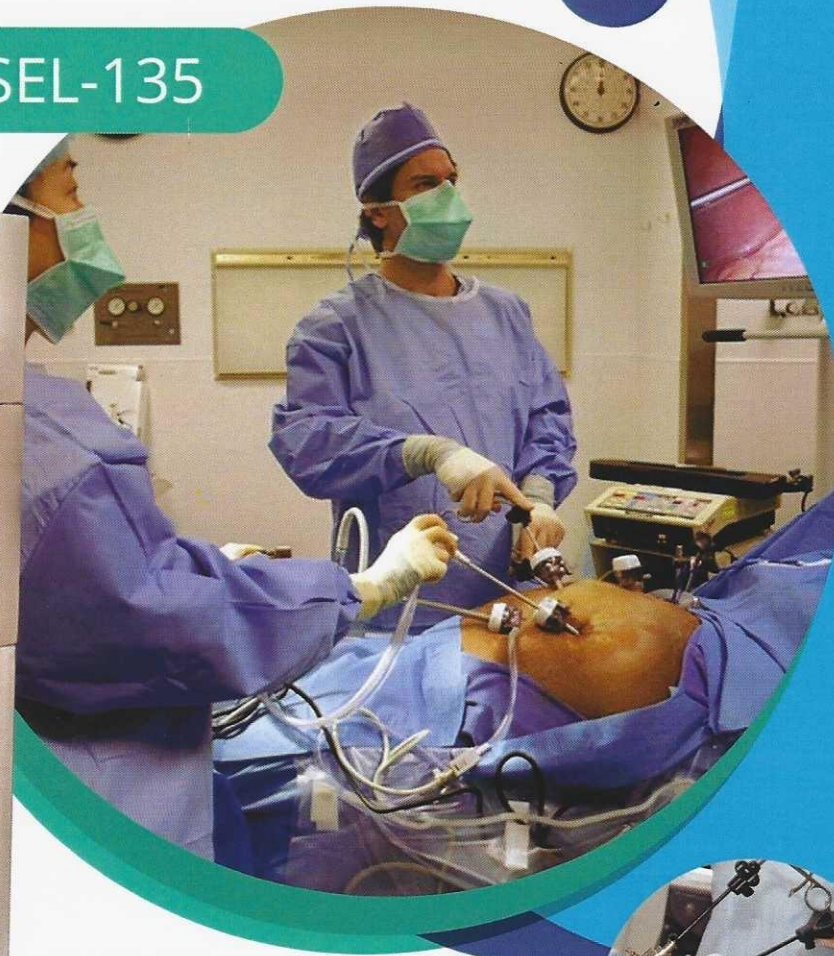


FULLY PANELLED BODY ETO STERILIZER

MODELS: SEL-120 / SEL-135



CE



ETO Sterilizer Specialist

SUPERIOR QUALITY ETO STERILIZER MANUFACTURER

Sterility Equipment India Pvt. Ltd. has become a leading manufacturer of EO Sterilizers for Hospital and Medical Colleges. This company is based in Ahmedabad, Gujarat. This company's most superior specification is offer work without risk of failure. Our original design, combined to Indian quality manufacturing, gives to our sterilizer machines a top finish feature and long lasting life. Our chambers are built around stainless steel 304 /316.

SEL Series	Liter Capacity	Size in CM H x W x L	Material of Construction	EO Gas Cartridges	Size in Feet H x W x L	Air Compress Line
EO Series SEL 120 (4.5CF)	120 Ltr	30 x 30 x 137	Stainless Steel	100 Gm	1 x 1 x 4.5	7BAR
EO Series SEL 135 (5CF)	130 Ltr	30 x 30 x 152	Stainless Steel	100 Gm	1 x 1 x 5	7BAR

Features of Our Machine

- Cycle progresses automatically through vacuum, exposure, sterilizing, and aerating phases.
- Screen on the control panel of the machine indicate specific phases during the operation of sterilization process.
- Negative chamber pressure ensures that gas cannot escape into operating area.
- Control system provides strict control of vacuum, chamber temperature, exposure / aeration time etc. to assure consistent and accurate performance.
- A leak test function takes a prevision of any leakage possibility and the sterilizer can be started only when the vacuum is completely drawn.
- The construction of chamber and cabinet are made of high quality stainless steel.
- Aeration system in the machine reduces the potential for operator exposure to EO gas.
- The Automation Hardware used in the machine: PLC (CE approved, CLASS 1 DIV2 Groups ABCD).
- Warranty: 24 months from the date of installation and commissioning is being done from our end.



Our Offered Sterilizers are Functional for Sterilizing

- ➔ Plastic products (Used for Medical and Surgical Procedures).
- ➔ Devices that incorporate electronic components.
- ➔ Materials that get damaged at higher temperatures.
- ➔ Materials those are not compatible with other methods such as Steam sterilization.

These Sterilizers are supplied to the hospitals, clinics and health centers with 3 core cord together with a 3-pin plug for use on 220 / 250 W, Single phase AC. The range is easy to install and does not acquire maintenance charges. In order to suit the diversified needs of the clients, we offer our range in various technical specifications.

As per the ISO 11135 Standards below shown table is the Limitation for (EO Residue) per / device

EO Residue

Ethylene Oxide : NMT 4 mg/device

Ethylene Glycol : NMT 9 mg/device

Ethylene Chlorohydrin : NMT 9 mg/device

ETO STERILIZATION PROCESS

Most ETO sterilization lines involve three different stages. These can be separated into three different cells depending on the size or amount of devices to treat.

PRE CONDITIONS / STERILIZE / DEGASSER

When cells are separated, automated loading/unloading systems are required. These save operator time as well as keep protected from exposure to a polluted environment, which could be detrimental to health.

STERILIZATION STAGES

Due to nature of "Ethylene Oxide" our SEL sterilizers designed and run whole cycle in negative pressure to avoid any direct human contact in case of leakage appear. The SEL series sterilizers come with inside puncture of EO gas cartridges for safety purposes.

The sterilization phases are:

Temperature achieving - Preconditioning - Pre Vacuum - Vacuum Hold - Leakage checking - RH Injection - RH Dwell - RH Soak - EO penetration - EO exposure time - Post Vacuum - Air dilution - Post Vacuum - Air dilution - Aeration (30 - 120MINS).

Safety System

- ✓ Cycle does not start unless the door is locked with indication lamp.
- ✓ RCCB protects control units when short circuit or overload occurs.
- ✓ Warranty: 12- 24 Months from the date of installation and commissioning has been done from our end.
- ✓ High temperature deviation in chamber actuates visual alarm and protective devices cuts off the heating source immediately.
- ✓ A leak test function takes a prevision of any leakage possibility and the sterilizer can be started only when the vacuum is completely drawn.

About Us

Sterility Equipment India Private Limited was founded in 2014. As a manufacturer and exporter of high-quality Ethylene Oxide Gas Sterilizer, Industrial ETO Sterilizer and Ribbon Blender, Sterility Equipment India Private Limited represents latest and directive technologies and incorporate an up to date know-how of modern techniques, in a combination of the most efficient customer support and service back up. We have constructed a massive infrastructural unit for streamlining our work. Our raw materials are procured from a reliable vendor base for maintaining the industry set standards.



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