

ETO STERILIZER

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TECHNICAL DETAIL

Ethylene oxide gas sterilizers are designed to be used with Ethylene oxide gas cartridge to provide a safe & effect temperature sterilization process for Hospital , Cath Lab , Medical Institutions, Eye Specialists, ortho Specialists Etc.

SM has reliable ETO Sterilizers that provide a latest technology. SM sterilizer uses Ethylene oxide to sterilize heat and/or moisture sensitive Devices.

All Model Available in semi /fully automatic.



FULLY AUTOMATIC

In **FULLY AUTOMATIC**, the sterilization is a **one – touch** operation; where the operator loads the material in the trolley provided along with the machine, closes the door and then presses the Start button to initiate the cycle; the cycle then continues on its own and after sterilizing and aerating the load; informs the operator that the cycle is complete. Once stored this program cannot be modified with invoking the password command.

SEMI AUTOMATIC

A separate set of operating switches are provided to enable the operator to take a cycle in manual.

EQUIPMENT DESCRIPTION:-

BOQ OF FULLY AUTOMATI ETO (IMPORTANT PARTS)

SR NO.	MATERIAL	MAKE /GRADE
1	INNER CHAMBER SS	JINDAL/316
2	OUTER BODY SS	JINDAL/304
3	GASKET	SILICON
4	GLASS WOOL	INSULATION 25 MM
5	PLC	DELTA
6	HMI	DELTA
7	PUNEMATIC VALVE	ROTEX
8	CATRIDGE	MATRIX
9	COMPRSSOR	MATRIX
10	HEATER	ESCORT
11	SENSOR	RADIX
12	AIR CYCLINDER	SC 50 X 25
14	VACCUM GAUGE	VARRY

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EQUIPMENT DESCRIPTION

- Heating System,
- Vacuum System,
- Humidity System,
- Control Panel
- Air Inlet Filter
- PLC/HMI
- Instrument Printer

SAFETY FEATURES

- All sensors linked to the automation, ensure reliability and failsafe operation.
- Screen on control panel indicates specific phase during the operation.
- Every cycle there is a Leak test period; which checks the leakage and aborts the cycle if there is a leakage in the system.
- Negative chamber pressure ensures that gas cannot escape into operating area.
Locked door sensor during cycle
- Constant watch over entries and break diagnostic from automation, which warns the operator, by means of messages on indicator and buzzer.
- Cycle completion record is shown on the printout.
- Chamber and cabinet made of high grade stainless steel.
- PLC display 7" colour touch screen.

SIZE

Size of Inner Chamber IN MM	IN CFT	CAPACITY
300 X 300 X 900	2.6 CFT	(78Litres)
320 X 320 X 1200	4.5 CFT	(125Litres)
350 X 350 X 1200	5.2 CFT	(150Litres)

* Rest size on customize