



ETHYLENE OXIDE STERILIZERS

"Low-Temp" Medical Sterilizers for Hospitals



Semi Auto

- **With "In- Built" Aeration facility.**
- **Uses 100% E.O. gas cartridge.**
- **Sterilization cycle in vacuum, hence much safer.**
- **Low cost of ownership and Low power consumption.**
- **Time tested Sturdy Design.**
- **Automatic Temperature and Aeration Control.**
- **Chamber and Internal Piping made from stainless steel.**



These are dedicated **“Low Temp”** Medical Sterilizers using Ethylene Oxide as the sterilant gas. They are capable of sterilizing medical devices even in packed form. With the increasing use of plastics, electronics and other heat sensitive or heat labile materials in the manufacturing of medical devices, used in modern day surgical procedures in hospitals, there is a need for a sterilization method which operates on low temperature that will not harm the plastic or polymer based devices and yet is extremely effective and offers a broad spectrum of applications. One such time tested method of sterilization which is both low temperature and yet very effective is “Ethylene Oxide Sterilization”.

The healthcare and medical costs especially surgical costs are rising day by day. This is due to the fact that medical devices are very expensive. If these expensive devices were discarded after every surgery, the surgical costs would most likely triple. Hence expensive medical devices are re-sterilized and re-used. The reuse of medical devices however brings along with it the challenges of infection like Hepatitis and HIV being passed from first user to the second user and here our Ethylene Oxide Sterilizers are a life saver and a great help to the patients as they are capable of safely sterilizing medical devices and equipment which can then be used again.

We offer our range of **"Semi-Automatic Ethylene Oxide Gas Sterilizers cum Aerators"** which are designed to meet the needs of medium sized Health Care Facilities and Cardiac Centres. These sterilizers are available in 4 different chamber capacities as shown below. These "Semi-Automatic Sterilizers cum Aerators" combine simplicity of use and effective sterilization. The sterilization process cannot be started unless optimum levels of temperature, compressed air supply and door closing are attained. The sterilizer alarms the operator if the levels of temperature are LOW or HIGH. These sterilizers are also provided with a calibrated humidifier. Utilities and accessories are built into a single durable and robust cabinet. The in-built aeration facility further helps in removing residual E. O which may be present in the material and is an additional operator safety feature. Built-in indicators and control switches make the sterilization cycle easy to understand and user friendly.

The 4.5CF chamber is specially designed to sterilize lengthy Catheters & Scopes without coiling them while sterilizing which increases their usable life.

Model No.	Volume Appx.	Chamber Size H x W x D	100% E.O. Gas Qty.	Application
SAE - 2CF	56 Ltrs.	12" x 12" x 24"	40gms	Suitable for Clinics & Small Hospitals-General Hospital Sterilization
SAE - 2.6CF	72 Ltrs.	12" x 12" x 32"	40gms	Suitable for Clinics & Small Hospitals-General Hospital Sterilization
SAE - 4.5CF	127 Ltrs.	12" x 12" x 54"	100gms	Suitable for Small to Medium Size Hospitals-General Hospital Sterilization along with facility to sterilize long length Catheters
SAE - 5CF	140 Ltrs.	16" x 16" x 34"	100gms	Suitable for Medium to Large Size Hospitals-General Hospital Sterilization along with facility to sterilize big width devices.



AKSA INDUSTRIAL PROCESS CONTROLS PVT. LTD.

(AN ISO 9001 : 2015 & ISO 13485 : 2016 CERTIFIED COMPANY)

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* Specifications and design subject to change without prior notice. Models & colours shown in the picture may vary from actual.