

STERILIZERS

APPLICATION OF STERILIZERS :

- Disposable Surgical Products & Lab Equipment
- Raw Material for Pharma Industry
- Pharmaceutical Industry
- Laboratories
- Clinics & Hospitals
- Food & Beverage Industries etc.

RECTANGULAR AUTOCLAVES :

- Sterilization at Standard 121°C & 134°C cycles.
- PLC based automation, with 6 per programmed cycles and additional user defined cycles.
- SS construction for door, chamber, Jacket and steam generator.
- Automatic Sliding doors sealed with the help of a silicone door gasket.
- State of the art Supervisory Control & Data Acquisition.
- software allows remote operation & monitoring of the machine.
- Reports generated by the software in any data file.
- Audio & Display Alarm Facility.
- Visual Display of HMI Scree for Error messages.
- Security System by Provided Supervisory codes and Password Protection.

Sr. No.	Chamber				
	Width	Height	Depth	Volume (m ³ /FT)	Capacity (Liters)
1	450mm	450mm	900mm	0.18/6.75	180
2	600mm	600mm	1200mm	0.432/16	432
3	600mm	600mm	1500mm	0.54/20	540
4	900mm	600mm	1500mm	0.81/20	810



HORIZONTAL CYLINDRICAL AUTOCLAVES :

- Sterilization at Standard 121°C & 134 'Cycles'
- PLC based automation, with 6 per programmed cycles and additional user defined cycles.
- Robust SS construction for door, chamber, Jacket and steam generator.
- Automatic Sliding doors sealed with the help of a Silicone door gasket
- State of the art Supervisory Control & Data Acquisition.
- software allows remote operation & monitoring of the machine.
- Reports generated by the software in any data file.
- Audio Alarm Facility.
- Visual Display of HML Screen for Error messages.
- Security System by Provided Supervisory codes and Password Protection.

Sr. No.	Model No.	Chamber		
		Diameter	Depth	Volume
1	AE/HC/SS-81	400	600	81
2	AE/HC/SS-185	500	900	185
3	AE/HC/SS-248	500	1200	248



Table top Flash Autoclaves :

- Chamber and door fabricated out of SS 316L grade steel
- Power supply is 220 V Ac/50 Hz
- Digital data-up facility
- Control and Printing: Fully Automatic PLC control system provides on-line

Pre Vacum phase efficiently removes air resulting in the full penetration of steam into wrapped, porous and hollow loads. The post-vacum drying phase ensures complete drying of porous loads and hollow instruments. This guarantees that even the most difficult loads will be sterilized completely.

Safety :-

- A cycle will not start unless the door is properly locked.
- Door will not open after completion of the cycle until atmospheric pressure and safe temperature are achieved inside the chamber.
- Automated double locking safety devices prevents door from opening while chamber is pressurized.

Sr. No.	Model No.	Chamber			
		Diameter	Depth	Heating	Capacity
1	AE/FA/SS-23	250	450	3KW	23
2	AE/FA/SS-45	350	500	6KW	45



ETHYLENE OXIDE (ETO) GAS STERILIZER :

- Dependable PLC-controlled electronic designs provides accuracy
- Touch Screen HMI
- Built-in Aeration cycle : Aeration is carried out at the end of the cycle inside the chamber itself
- Operates on 100% ETO cartridges, supplied us

Safety :-

- 100% ETO cartridge is punctured only when proper negative pressure and humidity conditions are achieved in the chamber
- On-line printer for continuous monitoring by operator
- Door can not be opened during process and until safe condition is achieved.

Sr. No.	Model No.	Chamber				
		Length	Width	Depth	Heating	Capacity
1	AE/ES/SS-02	300	300	600	2 KW	55 lit.
2	AE/ES/SS-04	300	300	1200	3 KW	110 lit.
3	AE/ES/SS-05	375	450	900	3 KW	140 lit.
4	AE/ES/SS-08	450	450	1050	4 KW	226 lit.



TABLE TOP ETO STERILIZER :

- Dependable PLC-controlled electronic designs provides accuracy
- Touch Screen HMI
- Built-in Aeration cycle : Aeration is carried out at the end of the cycle inside the chamber itself
- Operates on 100% ETO cartridges, supplied by us
- Machine design provide in Compact size
- Capacity : 1, 2 and 4 cubic feet
- machine size also available as per customer requirement
- Warm/ cold cycle facility.
- Auto / Manual changeover

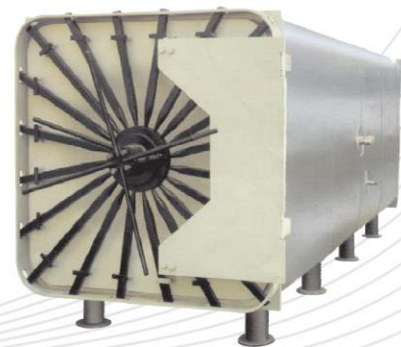
Sr. No.	Model No.	Chamber				
		Length	Width	Depth	Heating	Capacity
1	AE/TT/SS-01	300	300	300	1 KW	28 lit.
2	AE/TT/SS-02	300	300	600	2 KW	55 lit.
3	AE/TT/SS-04	300	300	1200	3 KW	110 lit.



INDUSTRIAL ETO STERILIZER :

- To Sterilize Surgical Medical Device Products like I. V. Sets, Disposable Syringes, Disposable Surgical Set, catheter, Urine Bag, to reduce microbiological load; and increase life span of material.
- Modular construction of chamber.
- All machines are available with conventional hinged doors, or Modern Automatic sliding door options Models are available in Semi Automatic as well as Fully Automatic.
- Double door, flush mounting with door interlocking systems.
- Important sterilization parameters like phase status, Current Values & set values, all times on Controller Screen displayed on HMI screen
- Continuous display of Temperature, Humidity and Pressure On-line allows user to be aware of Cycle status at all times.
- Model is available from 1/2 CU. MTR TO 20 CU. MTR. (and as per requirement)
- IQ/OQ/DQ documentation (OPTIONAL).

Sr. No.	Model No.	Chamber			
		Length _(mm)	Width _(mm)	Depth _(mm)	Capacity _(m³)
1	AE/TT/SS-1.0	900	900	1200	1.0
2	AE/TT/SS-1.5	900	900	1800	1.5
3	AE/TT/SS-2.5	1200	1200	1800	2.5
4	AE/TT/SS-3.5	1200	1200	2400	3.5
5	AE/TT/SS-8.0	1500	1500	3500	8.0



ETHYLENE OXIDE (ETO) GAS CARTRIDGE :

We have introduced disposable type 100% ethylene oxide cartridges of various sizes depending on chamber volume. These cartridges are manufactured under stringent conditions. These are available in 40 gms, 80gms, 100gms, 170gms, 300gms capacity of Cartridge.



FOGGER/ ROOM STERILIZER :

UL & CE approved powerful turbo motors deliver 60% more power & spread than any other system.
Offers greater reliability and longer life.
Made of high strength non corrosive engineering plastics & stainless steel.
Adheres to clean rooms hygiene standards.
Electric shock proof and unbreakable motor housing.



DYNAMIC & STATIC PASSBOX :

Precision designing and finish
High grade stainless steel construction
Choice of mechanical or electrical interlocked
Static and Dynamic Pass Box models
Floor and wall mounted design Maximum chemical resistance construction
UV light along with hour meter
Buzzer indication to know the material is kept inside
Indicating lamp to know the door lock-unlock condition
Magnehelic gauge for measuring pressure drop
Low Vibration and Noise Fully custom designed

