



## PRODUCT RANGE

Turnkey Cssd Projects, Pharma Sterilizer,  
Industrial Eto Sterilizer, Industrial Autoclave Sterilizer,  
Rubber Bung Processor, Automatic Autoclaves & Eto Sterilizer



[www.uniquesteriletech.com](http://www.uniquesteriletech.com)

**Unique Sterile Tech** is one of the most prominent ISO 13485:2016, WHO-GMT & CE, FDA certified company, manufacturer of sterilization equipments.

**Unique Sterile Tech** has established itself nationally as a pioneer in innovative equipment and solution with a futuristic vision in hospital cssd. **Unique Sterile Tech** is the leader of integrated **Turnkey CSSD** (Central Sterilization & Supply Department) solution in india. Its inception, the organization has successfully undertaken many Turnkey CSSD project in numerous hospitals across the country. Assessment of current and future work need of CSSD

## CORE VALUES

- 1 Customer Delight
- 2 Esteem
- 3 Invention
- 4 Optimism

### OUR VISION



we help the industries in controlling infectionso that people can stay safe and healthy.

### OUR MISSION



Is to contribute to health care industries by devoting our outstanding talent continuous innovation and advance technology to create superior products and services in infection control field



Highest Technology

Economical

Durable

Prompt Service Network

**Unique Sterile Tech** making turnkey cssd projects in the hospitals according to the NABH norms.



## CSSD NEED

According to number of beds and O.T. we decide how much Capacity Machine required.



## DOCUMENTATION

We follow documentation according to NABH Norms, like Browie dick test, PCD test, leak Test, cycle test report etc.



## TRAINING

We not only give equipments training we also give training for storage & Distribution, cleaning & disinfection, inspection & packaging, Sterilization etc.



## INTERNAL AUDIT

we do internal audit Periodically.



# CSSD EQUIPMENT

## HPHV Rectangle Autoclave



Compact Model

S.No.	Volume (Cuft)	Liter
1.	16.00	450
2.	20.00	550
3.	31.00	850

## HPHV Cylindrical Autoclave



Compact Model

S.No.	Dimension (in)	Drum	Liter
1.	16 Ø x 24 L	2	81
2.	20 Ø x 36 L	3	185
3.	20 Ø x 48 L	4	248



## HPHV AUTOMATIC AUTOCLAVE

- » Sterilization at standard 121°C and 134°C cycles.
- » On-screen display of phase current & set values, temperature, pressure & humidity.
- » Vacuum pulsing and drying to achieve low Sterility Assurance Level (SAL).
- » Automatic control of temperature, moisture, values and all critical parameters.
- » Reports auto generated in pen drive, hard disk or printer.



# Industrial Autoclave Sterilizer



**Vacuum System:** Mechanical removal of air initially from within the chamber with the use of a vacuum system ensures that no air-pockets hinder the steam penetration and hence the sterilization process.

**Steam Sterilizer for sterilization** of varied Hospital equipment like gloves, linen, gauze, cotton, instruments, glassware etc. using standard 121°C & 134°C cycles which are pre-programmed in the memory of the PLC / Microprocessor

**Electrical Steam-generator** provided for all models up to a chamber volume of 1000 liters.

**Temperature uniformly** and accurately maintained throughout the chamber to within  $\pm 0.5^\circ\text{C}$  of the Set Sterilization temperature.

**Air Filter:** 0.01 micron clean air-filter for stabilization of the internal air-pressure from vacuum condition.

**Door safety:** Door is automatically locked when chamber is under pressure. For double door models, both doors will not open simultaneously to ensure sterile chain integrity.

**Safety:** Jacket and Chamber Safety valves provided.

**Chamber Fabrication:** Chamber fabricated out of SS 304 / S316 grade steel. Heavy duty Steel Jacket encircles and strengthens the chamber.



## RECTANGULAR AUTOCLAVES (Steam Sterilizer Standard Size)

Sr. No	Chamber Width (mm)	Chamber Height (mm)	Chamber Depth (mm)	Chamber Volume (M3) / (Ft.3)	Chamber Capacity (Liters)	Floor Space (Width x Depth)
1	450	450	900	0.18 / 6.75	191	1500 / 2300
2	600	600	1200	0.432 / 16	450	1700 / 2700
3	600	600	1500	0.54 / 20	563	1700 / 2700
4	900	900	1500	1.215 / 45	1269	2200 / 3000



OPTIONAL



STANDARD



USB port



Printer



Independent Supervisory System



Touch Screen Loading side



R.P.C.R software for access from remote PC on internal network



Remote Internet access for Technical Support



Chart Recorder

**In Addition To The Above Any Special Sizes Are Also Manufactured To Suit Customer Requirements.**

# FULLY AUTOMATIC ETO STERILIZER MACHINE



Table top ETO



Compact Model



Cartridge

## Automatic ETO (Ethylene Oxide) Sterilizer

- » On-screen display of phase, current & set values, temperature, pressure & humidity.
- » Automatic control of temperature, moisture, vaccum & valves.
- » Current / previous reports printed through printer.
- » PLC based automation with 6 program cycles



S.No.	Volume (Cuft)	Liter
1.	2 cuft	55
2.	4 cuft	110
3.	8 cuft	220



Ultrasonic Washer



Sealing Machine



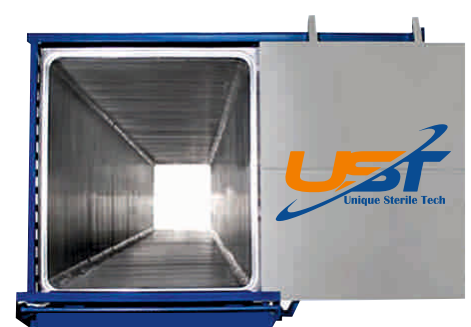
Sterilization Roll

# INDUSTRIAL ETHYLENE OXIDE STERILIZER (ETO) STERILIZER



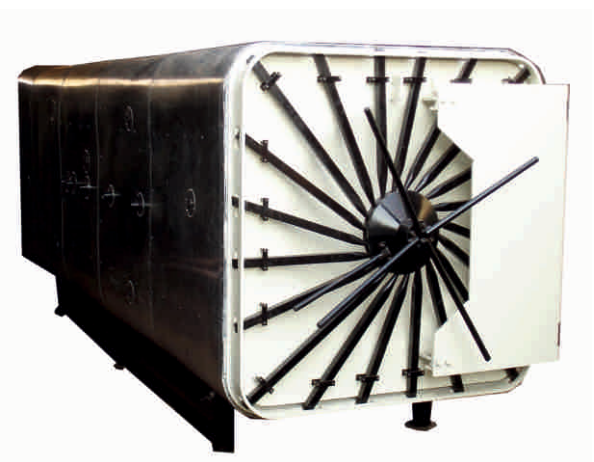
## DESIGN & TECHNICAL FEATURES

- ✦ 316Ti (316L upon request) stainless steel chamber, which can have a circular or square section, according to customer's or process' need.
- ✦ Chamber range from 200 to 6.800 liters, but loading capacity is fully customizable, according to customer's need.
- ✦ Chamber internal surface is mechanically polished and complies with rigorous pharmaceutical standards, with a roughness Ra <0,4 µm.
- ✦ One or two doors in automatic sliding version (vertical or horizontal movement) or semi-automatic hinged version.
- ✦ 4 RTD PT100 temperature probes per chamber to monitor chamber and product temperature.
- ✦ Fedegari exclusive patented door gaskets that assure 100% tightness. These gaskets are FDA compliant and optionally also USP Class VI compliant.



## KEY BENEFITS

- ✦ **Innovation:** control through pressure (less than 0.5 °C variation).
- ✦ **Total control:** 4 RTD PT100 temperature probes per chamber, up to 200 alarms and monitoring messages.
- ✦ **Easy validation & integration:** pre-validated Thema4 process controller standardized.
- ✦ **Complete flexibility:** custom designed chambers are easily provided.
- ✦ **Cost-effectiveness:** smart maintenance and process optimization.
- ✦ **Door:** Double door & Auto door models are available for clean room applications.
- ✦ **Low cost per cycle:** Lowest operating costs compared to other available options..



### ETO STERILIZER (Standard Size)

Sr. No	Chamber Width (mm)	Chamber Height (mm)	Chamber Depth (mm)	Chamber Volume (M3) / (Ft.3)	Chamber Capacity (Liters)	Floor Space (Width x Depth)
1	450	450	900	0.18 / 6.75	191	1500 / 2300
2	600	600	1200	0.432 / 16	450	1700 / 2700
3	600	600	1500	0.54 / 20	563	1700 / 2700
4	900	900	1500	1.215 / 45	1269	2200 / 3000

**In Addition To The Above Any Special Sizes Are Also Manufactured To Suit Customer Requirements.**



**SS WASHING STATION**



**SS WORKING TABLE**



**SS ENCLOSED  
DISTRIBUTION TROLLEY**



**SS STORING RACK**



**PASS BOX**



**SS CONTROL &  
PACKAGING TABLE**



**CHANNEL PARTNER**

## **Unique Sterile Tech**

Factory : Plot No. : 01, Kastbhanjan Taluka-Daskroi,  
Village - Bujrang Bakrol, Ahmedabad - 382430  
Gujarat, INDIA.

**Website : [www.uniquesteriletech.com](http://www.uniquesteriletech.com)**

**Email : [uniquesteriletech@gmail.com](mailto:uniquesteriletech@gmail.com)**

**+91-6354824436  +91 7600574287**

Follow Us on :     