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STERI
TECHNO FAB



THINK
STERILIZATION
THINK
STERI TECHNO FAB

20+ Years & 300+ Clients

CATERS INTO



Hospitals



Medical Devices
Industries



Pharma & Food Industries
Research Laboratories

About Us

Since its inception in 2008, Steri Techno Fab is a leader in manufacturing & trading and exports of innovative and robust Horizontal Autoclave Sterilizers, Flash Autoclaves, ETO Sterilizers, Ultrasonic Cleaners, Hot Air Ovens, Flat Sterilization Rolls, ETO Gas Cartridges, Sterilization Consumables across in India and abroad.

Our technology solutions and products are backed by excellent Machine Refurbishing Services & Central Sterile Services. More than four national and international quality certificates and one national award nomination marks our achievement in terms of quality service an innovation.

The leadership of Steri Techno Fab (Mr. Yashwant Patel) possesses strong business acumen, deep technical knowledge and a passion to follow continuous quality improvement and unwavering sincerity towards after sales service has helped the company to reach higher milestones. Steri Techno Fab is driven by certified, experienced and dedicated team of engineers.

National and International quality certificates awarded to us are :

- CE certificate
- ISO 9001:2015,
- ISO 13485:2016,
- OHSAS 18001:2007

Our Team

In any industry where the people behind a company are as important as the company itself. Our team at STERI TECHNO FAB offers a diverse set of skills and experience so that any pre and post support of sales & services to valued out our clients about to select right product with very best service. It is our firm belief that our every client should get the best solutions. That is why we work together with health care industries to share all our knowledge, solutions and resources. And let them focus even more on their most important task: "Saving Lives".

"Men behind the machine is more important than the machine."

Our Commitment

STERI TECHNO FAB is committed to become indispensable element for health care industry & pharma industry and therefore we must as a team, continuously improve our professional knowledge and skills. Our entire organization has a vital role to play in achieving this goal.

Our Product & Services

- Horizontal Autoclave
- Bung Processor
- ETO Sterilizers
- Industrial ETO Sterilizer
- ETO Gas Cartridges
- Flash Autoclave
- Ultrasonic Cleaner
- Washer Disinfectant
- Passbox
- Hot Air Oven
- UV Sterilizer
- Sterilization consumables
- Automation solution for existing sterilizer
- Refurbishing and modification of CSSD equipment
- AMC and CMC for CSSD equipment

AUTOCLAVE (STEAM STERILIZERS)

FOR HOSPITALS, LABORATORIES & PHARMA

STERI TECHNO FAB has pioneered the concept of autoclaves for hospitals, laboratories and pharma where sterilization is pertinent and sterilization in large volumes is required. Our range of high-pressure high vacuum horizontal autoclave sterilizers is ideal for hospitals, pharmaceutical industries, biotech industries, academic facilities, research centers and food & beverage industries.

We manufacture both horizontal cylindrical and horizontal rectangular autoclave systems, which can be further customized in order to match specific requirements of our customers. The scope of customization includes custom design, functions & automation. These units can also be constructed with vacuum drying option through vacuum pump. Each horizontal autoclave unit provides high performance, robust and reliable running, economic consumption, and requires zero to negligible after sales service. We provide range of cylindrical and rectangular horizontal autoclaves with following options: Fully automatic with touch screen, Fully auto matic PLC/Micro processor based, Semi-automatic & Manual segment. Our horizontal rectangular autoclave comes with horizontal/vertical sliding door mechanism as well as radial door locking system.



CYLINDRICAL HORIZONTAL AUTOCLAVES

SR	CHAMBER DIA.	CHAMBER LENTH	VOLUME (APPR.)
1	16" / 400 mm	24" / 600 mm	78 LTR
2	20" / 500 mm	36" / 900 mm	183 LTR
3	20" / 500 mm	48" / 1200 mm	245 LTR
4	24" / 600 mm	48" / 1200 mm	351 LTR

In addition various customized sizes can manufactured to match customers requirements.

RECTANGULAR HORIZONTAL AUTOCLAVES

SR	CHAMBER DIMENSIONS			VOLUME (APPR.)
	W (mm)	H (mm)	L (mm)	Cu.Ft / LTR
1	450	450	900	6.75 / 190
2	600	600	1200	16 / 450
3	600	600	1500	20 / 560
4	900	900	1500	45 / 1260

Features

- PLC/Micro processor based automation.
- Reports are available in data sheet and graphs.
- Pre programmed standard cycle of 121° C & 134° C are inbuilt.
- Space for user to define custom Cycles.
- Pre-requisite phases are defined.
- Pre heating vacuum, pre conditioning, sterilization and drying.
- Triple wall design ensures uniform heating of the chamber and drying as well as reduces the Heat loss.
- Chamber fabricates with high grade stainless steel (316)
- Touch screen HMI in-built with electrical panel.
- Machine operates on dual mode i.e. automatic as well as manual mode.
- Door locking system is provide for safety during the pressurized chamber.
- Password protection for un-authorized access.
- Float sensor mounted on steam generator to protect heaters.
- In built steam generator made of SS-304 with insulation.
- Fully covered box type modes are available.
- Rectangular modles are available with sliding door and flush mounting.
- Double door autoclaves to differentiate sterile and non-sterile area.
- All pipe lines are inbuilt for drain, exhaust, vacuum & etc.
- Automatic and manual machines are available.

Ethylene Oxide Gas Sterilizer

(ETO Sterilizers)

ETHYLENE OXIDE gas is a sterilizing agent at desired low temperature and moisture with good penetration power under desirable conditions. Ethylene oxide sterilization is the effective method of sterilization. STERI TECHNO FAB is well-known name in manufacturing of ETO Sterilizer for hospitals, surgical disposables industries and food processing industries globally. We provide complete solutions for ETO sterilization with ETO / STABILIZER EO gas cartridges, Packaging Reels (Sterilization Reels) Indicator tape for ETO & Indicators. We have some standard sizes in ETO Sterilizer as well as provide custom sizes as per customer requirements.



STANDARD DIMENSION (FOR HOSPITAL USE)

SR	STANDARD SIZES	DIMENSIONS	CAPACITY IN LTR (APPR.)
1	2 Cu. Ft.	24"x12"x12" (LBH)	55 LTR
2	2.6 Cu. Ft.	30"x12"x12" (LBH)	73 LTR
3	3 Cu. Ft.	36"x12"x12" (LBH)	85 LTR
4	4 Cu. Ft.	48"x12"x12" (LBH)	110 LTR
5	4.5 Cu. Ft.	54"x12"x12" (LBH)	125 LTR
6	8 Cu. Ft.	42"x18"x18" (LBH)	220 LTR

Customize sizes can be manufactured as per customers requirement.

STANDARD DIMENSION OF ETO STERILIZER (INDUSTRIAL USE)

CHAMBER DIMENSION (MM)			CHAMBER VOLUME (Cu.FT/LTR)
W (MM)	H (MM)	D/L (MM)	
600	600	1200	16/450
600	600	1500	20/560
900	900	1200	24/680
900	900	1500	45/1270
900	900	1800	54/1530
1200	1200	2400	128/3620

Features

- Chamber is manufactured from stainless steel (316 grade) material.
- Machine can be operates with dual mode- either 100% EO cartridge or different mixtures of ETO : Co2 available in market.
- SS trolley is provided with the machine for easy operations of material to be sterile.
- Pre-requisite sequence phases are defined to run the cycle in auto mode.
- Pre-sterilization phases are define to create proper condition for sterilization,(i.e. Humidity & Temp)
- Post sterilization phase are defined to remove residual gas from the product (Aeration) .
- Inter-locks at different stages are available to provide safety, it ensures proper parameters are maintained during the sterilization cycle.
- Semi automated & fully Automated models are available.
- Records of data are available in date short as well as graph format.
- Very low operating costs compare to other available options.
- Very easy to install and operate.
- Table top and fully box cover models.
- Almost maintenance free machine.
- Single phase (230AC, 50Hz) operated.

Ultra Sonic Cleaner & Bath

STERI TECHNO FAB is one stop solution offering ultrasonic products. An ultrasonicator works on the principal of ultrasound frequency (usually 20-40 KHz). Here Electrical energy is converted into ultrasound waves by means of ultrasonic transducers.

Ultra Sonic Cuts Down Cleaning Time By Up To 90%

Ultrasonic Cleaner is based on cavitation effect caused by high frequency ultrasonic wave vibration signal in fluid. Microscopic bubbles formed and they implore violently that cause cavitation, which gives out great impact to the cleaning subject and provides an intense scrubbing action on the surface of cleaning subject. Additionally, the bubbles are small enough to penetrate even microscopic crevices, cleaning them thoroughly and consistently.



Salient Features

- Ultrasonic bath is designed with MOSFET/ IGBT & the latest micro controller base technology.
- Auto tuning with overload protection arrangement.
- Imported transducers are used in our Ultrasonic Cleaner (Ultrasonic bath).
- Operating frequency of 23 / 33 KHz. Variable frequency on demand.
- Digital tuning & Thermo dynamic design to ensure long life of generator.

Applications

- Hospitals & Medical Industry.
- Electronics Industry for delicate parts.
- Auto Industry for rugged parts.
- Dental Clinics & Laboratories.
- Industrial Manufacturing.
- Jewellery Industry for intricate parts.

Volume Available

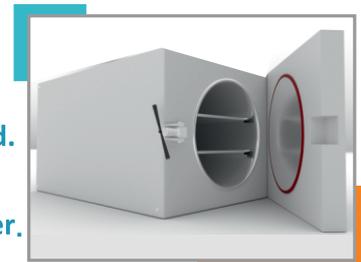
Model	Power	Capacity (Liters)	Tank Dimension (LxWxH)
STF Ortho	500 W	17 liter	450 X 250 X 150 mm
STF 20	500 W	20 liter	500 X 250 X 150 mm
STF 30	500 W	30 liter	500 X 300 X 200 mm
STF 40	600 W	40 liter	500 X 400 X 200 mm
STF 50	750-1000 W	50 liter	500 X 500 X 200 mm

Customized Sizes are available as per client's requirement.

All above model are available in SS 304 and MS with powder coating.

Flash Sterilizer (Table Top Autoclave)

- Performance is achieved with a built-in vacuum pump used for fractionated pre vacuum air removal eliminating air pockets from all load types and maximizing efficient steam penetration throughout the entire load. After the sterilization stage the vacuum pump is used for post-vacuum drying.
- Durable 316L stainless steel electro-polished chamber lasts longer than competing 304 stainless steel chambers.
- Stainless steel door with mirror polish surface is highly resistant to corrosion.
- Self-locking door designed to easily close/open door with one hand.
- Allows user to set time to switch sterilizer to minimum energy consumption.
- Locking mechanisms prevent the door from opening while the chamber is pressurized.
- You get extra tray space compared to other autoclaves.
- Extra capacity per cycle requires less cycles per day, saving you energy costs and water.
- Parameter settings for temperature, sterilization time and drying time.
- Shows real-time values for chamber temperature & pressure, and generator pressure.
- A user-friendly keypad enables the user to easily browse through the sterilization cycle program settings.
- Optional high quality built-in thermal printer for paper printouts as well as USB option available.



Sterilization Consumables & Testing Materials

Steri Techno Fab is trusted One Stop Solution For Sterilization Consumables & Testing Materials.

Eo Gas Cartridge

Steri Techno Fab provides ethylene oxide gas cartridges which are engineered to provide safe systems that are easier to use than gas tank systems.

- Easy to use, cost effective and accurate sterility.
- No wastage-leakage of sterilant gas.
- Available in 40 Grams, 100 Grams, 170 Grams & 300 Grams capacity.
- Safe to use.
- Physical Stage: - Liquid



Sterilization Reels & Tyvek Reels

Medical grade paper available in both 60 GSM & 70 GSM Film is available in tinted Blue/Tinted Green, & Natural. with two indicators for steam, ETO & plasma sterilization.

- Multi sealing lines.
- Reduces fiber peel and the risk of while loading, stocking and transporting. Damages of Sealing integrity
- Non -Polluted Printing.
- Certified Medical Grade Paper .
- Meets EN868-5 Requirement of European Standards of sterilization.
- No Shrinkage - Retort Grade CPP Films used.
- Print with water based link, going as natural as we could be!



Bowie-Dick Test Pack

Pre assembled for single use test, packs designed to evaluate the performance of the air removal system of pre-vacuum sterilizers operating at 134° c for 3.5 minutes & 121° c for 15 minutes.

- Available in A4 size paper as well as in test pack kit.
- Disposable ready to use test packs.
- Designed for STEAM Sterilization at 134° c for 3.5 minutes & 121° c for 15 minutes.
- Accurate Color indicator changes.
- Can be kept as permanent record.



Auto Clave & ETO Label Tape

Autoclave & ETO label tapes are highly used in hospitals as well as in laboratories & harmaceuticals to test sterilization. It can be easily pasted on load-material which is supposed to be sterile.

- Ideal for Autoclave Sterilizer & ETO Sterilizer.
- High contrast color change is easy to interpret.
- Advanced adhesive assures easy application, strong adhesion, and clean removal from sterilized items.
- Made of strong crepe-embossed paper with special coating that helps prevent smudging of permanent ink.
- Latex free.



Other Products of Consemables

- Indicator strips for steam & ETO sterilization.
- Biological indicator for steam & ETO sterilization.
- Packaging & labelling gun with roles for documentation.
- Strip & continuous rotary sealer for packaging.

Pass Box

- Dynamic & Static Pass box available as per user requirement.
- Construction : SS 304 .
- Double wall pass box with base .
- SS 304 door with glass view panel and SS 304 handle & hinges .
- Covings at internal workspace.



Intrumentation & Accessories

- CFL lights.
- Electromagnetic Interlocking arrangement.
- U.V.Light which aids or decontamination of the work area.
- Digital hour meter to monitor usage of U.V.

Hot Air Oven

STERI TECHNO FAB is aesthetically designed hot air oven to meet requirements of various field of medical, agriculture industries, laboratories and health care institutes.

Specifications

- Inner chamber polished Stainless steel & double walled.
- Uniform heat distribution.
- Air ventilators are provided near top of the sides for removing hot gases and fumes.
- PID Controller –Timer based operations.
- Temperature range of 50° C to 250° C.
- High grade nichrome heaters.
- Air circulating fan better uniformity of heat.



Uv Cabinet

STERI TECHNO FAB is supreme leader in manufacturing of Ultra Violet cabinet. UV cabinet is high efficiency chamber designed to safely remove bacteria from items.

Specifications

- Adjustable Timer based operations.
- 254 nm UV lamp will destroy all exposed DNA and bacteria on material.
- Made Of SS 316/304.
- Magnetic Door lock.
- UV absorbing transparent window with safety interlock.
- Smooth internal stainless steel walls for easy cleaning and sterilization.



Re-Furbishing of existing sterilizers

STERI TECHNO FAB have uniquely positioned as one of the topmost service provider of Sterilizer Refurbishing Service. In tune with client's varied demands, we impart this service in numerous customized solutions. Our offered service caters to all the segments including inspection, reassembling and automation service . These services are executed by our industrious and competent team of professionals.



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OUR CLIENTELE
