



EVERY PACKAGE BEING STERILIZED  
SAVES LIFE



By **YORCO**  
Scientific Udyog Pvt. Ltd.



# HORIZONTAL CYLINDRICAL STERILIZER

# About Us

**STERI** has been at the forefront of manufacturing Sterilization and Infection control products for over **60 years**. With wide business base, complete in-house design and manufacturing facility, we have developed a reputation for our quality and reliability. At Steri we provide excellent products and exceptional customer service to our clients.

Our experience with **over 50,000** installations and strive for excellence has resulted in **STERI** being a pioneer in the field. We not only cater to the hospital sector but have a diverse clientele including medical colleges, dental clinics, laboratories, veterinary hospitals, pharmaceutical companies, food & beverage industries and agricultural institutes.

# Experience

# Service

At **STERI** we ensure exceptional customer support by providing expert **pre - sale advise, technical consultation, site inspection and after sales support services** to satisfy customer. Our installation team provides in depth **one on one training and demos** during installation. Our **sales and technical team is highly skilled** to trouble shoot any rare technical issues online and in person nationwide. We highly value customer feedback which contributes to the continuous improvement of our products and support services.



# Why Us ?

## CERTIFICATIONS



**ISI**

Indian Standard Institute



**FDA**

The Food and Drug Administration



**CE - EU**

Standards for health, safety, and environmental protection



**GMP**

Good Manufacturing Practice



**ISO:9001**

Quality Managements System



**ISO 13485**

Medical device quality management system



**IEC 61010-2**

Safety requirements for electrical equipment for measurement, control, and laboratory use



**IEC 60601-1-2016**

Technical standard for the safety and essential performance of medical electrical equipment

## DESIGN FEATURES



Uniform Heat Distribution



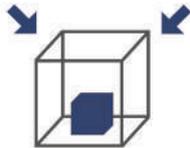
Rust Proof



Low Maintenance



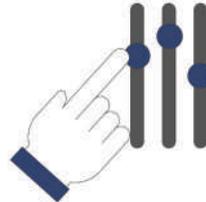
Affordable



Compact Design



Customizable



User Friendly



Water Saving

## SERVICES



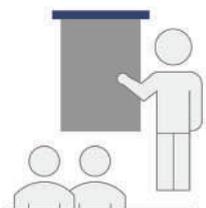
Pre - Sale Service



After - Sale Service



1 Year Warranty



Free Onsite Training



Fast Shipping



Free Installation

## QUALITY



Hydraulically Tested at 2.5x Pressure



Multiple Quality Check



# Product Features

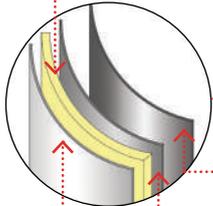
## Single Point Control

All the sterilizer cycles are controlled from one point with the help of "Multi Port Valve"

## Air Tight Sealing

Jointless steam resistant silicon gasket for effective sealing

## High Density Mineral Wool Insulation



## Triple Wall Shell Construction

- 1. SS Outer Cover
- 2. SS Jacket
- 3. SS Chamber

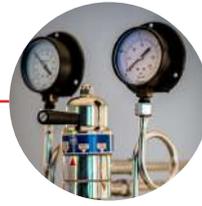
## Temperature Monitoring

Sensor and gauge for precise temperature reading

## Control System



Also available in PLC (Automatic Control System)



## Easy Monitoring

Pressure and compound gauge for indication of pressure and vacuum of jacket and chamber respectively

## Vacuum Breaker

Prevents the collapse of the jacket by allowing air to flow for removing the vacuum formed due to condensation of steam

## Safety Valve

for added safety

## Air Filter

enables clean air to flow in the sterilizer for quick drying

## Rust Resistant

Body, pipes and valves are made of premium high-grade stainless steel 304 for extra durability

## Steam Generator Safety Valve

is unique in design with minimum joints & bolted parts reducing the chances of any leakage

## Water Level Indicator

placed to protect the user from accidental burns

## Water Inlet and Outlet

Automatic water feeding option also available

## Sturdy Stand



## Preset Sterilization Cycles

- Instrument Cycle
- Fabric Sterilization Cycle
- Liquid Sterilization Cycle
- Customer Variable Cycle
- Bowie Dick Test Cycle
- Leak Test Cycle

\*More cycles can be added as per customer requirements

## Sizes Available

DIAMETER	X	DEPTH	VOLUME	LOAD
400mm	X	600mm	75 liters	6kw
400mm	X	1100mm	138 liters	9kw
500mm	X	900mm	176 liters	9kw
500mm	X	1200mm	235 liters	9kw
600mm	X	900mm	254 liters	9kw
750mm	X	1100mm	485 liters	18kw

\*Being an OEM we can always modify the chamber sizes according to customer requirements.

## Accessories Often Bought Together



Sterilization Tape



Sterilization Spore Indicator



Bowie Dick Test Kit



Air Compressor



Dressing Drum and Basket



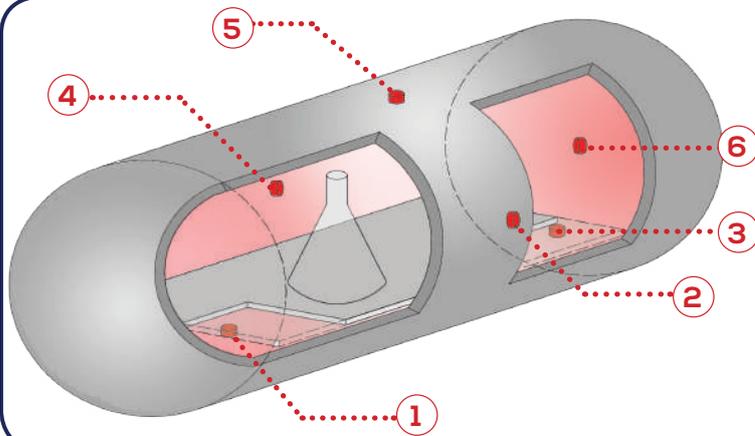
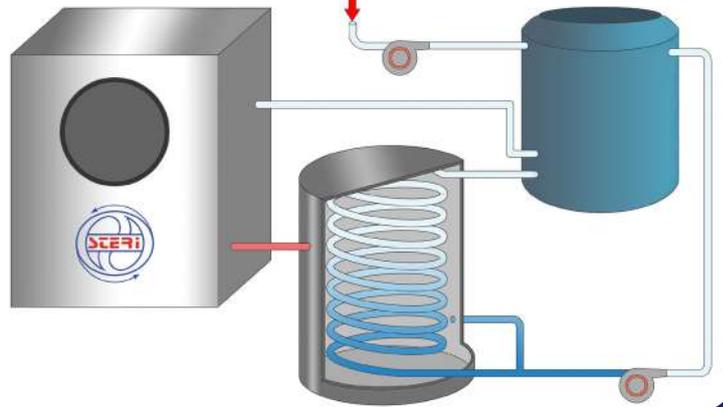
RO / Water Softener System

# Innovative Feature

## STERI AQUA SAVE TECHNOLOGY

Saves Cost & Water

- Reduces water consumption by 80%
- Collects water from vacuum pump, jacket and boiler into a reservoir that can be recycled and reused
- Requires no additional installation cost
- Greatly reduces water consumption by the sterilizer leading to lower utility costs

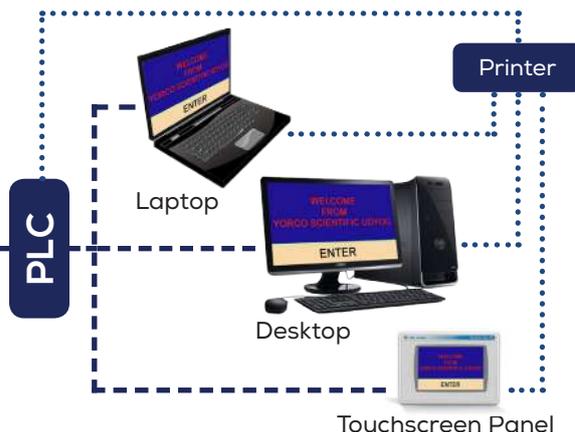


## STERI UNIFORM HEAT SENSE TECHNOLOGY

- State-of-the-art multiple temperature sensors for validation of uniform heat distribution
- 6 Sensors are strategically located in sterilizer to capture temperature data
- The Sterilization phase begins only when all the temperature sensor attains the set temperature assuring absence of cold spots within the sterilizer resulting in accurate sterilization
- No. of sensors can be altered as per user requirement

## STERI PURE STEAM STERILIZATION SYSTEM

- STERI continues to deliver exceptional quality and innovative solutions for pharmaceutical and Food industry
- By choosing the **STERI Pure Steam Sterilization System** you are taking a proactive step in eliminating contamination during sterilization
- The sterilizer comes with Dual Steam Supply module for your Autoclave
  - o Using plant pure steam generator
  - o Inbuilt Pure Steam Generator
- Complete Sterilizer including pipings and components are made of High-Grade Stainless Steel 316



## STERI SCADA MANAGER

- SCADA software allows for remote monitoring from external PC workstations
- The software retrieves Continuous process status data, creates graphs, tables and printouts
- Displays on-line status of various process parameters like time, temperature, pressure and all other analog values
- Cycle records can be presented, stored and printed online also, as and when the user requires

these features are optional and available on request



# Product Range

	BRONZE	SILVER	GOLD	PLATINUM	PLATINUM+
<b>OUR PRODUCTS</b>	 YSU-405 B	 YSU-405 S/ H.P, H.S	 YSU-404 G	 YSU-605 P	 YSU-605 P+
<b>Body</b>					
Chamber	SS304	SS304	SS304	SS304	SS316
Steam Jacket	SS304	SS304	SS304	SS304	SS304
Piping & Shell Cover	SS304	SS304	SS304	SS304	SS304
Front Ring and Back Plate	SS304	SS304	SS304	SS304	SS316
Steam Generator	SS304	SS304	SS304	SS304	SS304
Door	MS lined with SS304*	MS lined with SS304*	MS lined with SS304*	MS lined with SS304*	SS304/SS316*
Shooting Bolt	Steel (powder coated)	Steel (powder coated)	Steel (powder coated)	Steel (powder coated)	SS304
Mechanical Locking	Radial	Radial	Radial	Radial	Radial
Stand	Steel (powder coated)	Steel (powder coated)	Steel (powder coated)	Steel (powder coated)	SS304
<b>Other Features</b>					
Single Point Operation	✓	✓	✓	✓	✓
Safety Valve & Vacuum Breaker	✓	✓	✓	✓	✓
Steam Trap	✓	✓	✓	✓	✓
Analog Temp and pressure Gauge	✓	✓	✓	✓	✓
Automatic Pressure Control	✓	✓	✓	✓	✓
Water Level Indicator	✓	✓	✓	✓	✓
Auto Low Water Detection	✓	✓	✓	✓	✓
Control Box	Manual	DTC H.P,H.S**	PID***	PLC***	Advance PLC***
Digital Temperature Display	●	✓	✓	✓	✓
Digital Pressure Display	●	●	✓	✓	✓
Printer	●	●	✓	Optional	✓
Vacuum Pump	●	●	● Quick Dry Ejector	✓	✓
Selectable Preset Cycle	●	●	3 Cycle	6 Cycle	6 Cycle
Touch Screen	●	●	●	Coloured 4.3"	Coloured 5.7"
Automatic Water Feeding	●	●	Optional	✓	✓
Electrical Safety Lock	●	●	●	✓	✓
Bowie Dick Test Pass	●	●	●	✓	✓
European Style Outer Cover	●	●	●	●	✓

Customization of products can be done as per client's requirements

\*Highly corrosion resistant SS316/ SS316L/ SS316TI are also available on request

\*\*High Speed and High Pressure \*\*\*Equipments are factory fitted with Siemens/ Allen Bradley based microprocessor and touchscreens

# Our Approach



1 Understanding Customer Needs



2 Customization as Required

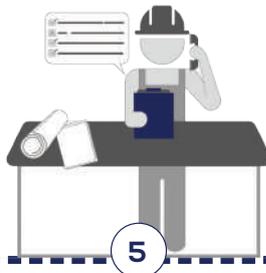


3 Place the Order

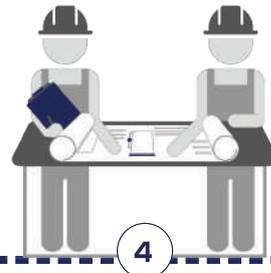
PRE  
PRODUCTION



6 Laboratory Testing

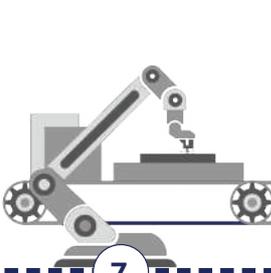


5 Material Procurement



4 Developing Design Files

PRODUCTION



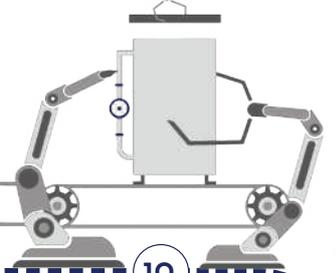
7 Fabrication



8 Hydraulic Testing

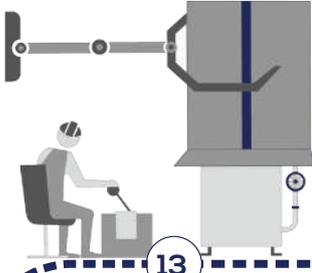


9 Multiply Quality Testings



10 Final Assembly

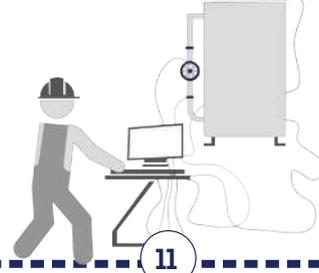
PRODUCTION



13 Packaging



12 Finishing



11 Factory Acceptance Testing

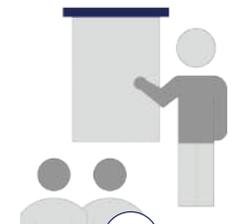
POST  
PRODUCTION



14 Fast Shipping



15 Installation



16 On-Site Training

STERI continues to deliver superior-quality products that are manufactured in accordance with current Good Manufacturing Practices (cGMP).



17 Guaranteed Customer Satisfaction



# Our Esteemed Clients

## Hospitals and Medical Colleges



## Pharmaceutical Lab



## Food and Beverage



## Agricultural Labs



## Get in Touch

Marketed by



Arktech Scientific Pvt.Ltd

📍 :D-149 Preet Vihar  
New Delhi 110092.

✉️ :arkscientific.sales@gmail.com

🌐 :yorcoscientific.com

☎️ :8595293382

Manufactured by



YORCO Scientific Udyog Pvt.Ltd

📍 : 13 Loni road, site 2,  
Mohan nagar, Ghaziabad,  
Uttar Pradesh 201007.

✉️ : ysuptld@gmail.com

🌐 : yorcoscientific.com

☎️ :935000607