

MST-H Option GR 9600 Steam Sterilizer

Product Description

Designed around the basic principles of workflow improvement, maximizing resource efficiency and lowering operating costs. This series of steam sterilizers is best in class for high volume sterilization. The MST-H Option GR Sterilizer is a ground loader which accepts the entire trolley and load into the chamber.

Application

For general purpose steam sterilization of unwrapped equipment, wrapped instruments and utensils, glassware, stainless steel components and liquids vented or unsealed containers.

Standard Features

Construction / Design

Chamber – Stainless steel construction, type 316L.

Jacket – Stainless steel construction, type 316L.

Doors – Horizontally sliding, powered stainless steel. Safety mechanism stops door movement in the event of an obstruction.

Door Seal – Silicone seal compresses against closed door during operation and is retracted upon completion.

Liquid-Ring Vacuum Pump – Pump provides vacuum necessary for the conditioning (prevac) and drying phases of the cycle.

Valves – Pneumatic control valves for precise control of steam flow in and out of the chamber and jacket.

Drain Tempering – Condensate is cooled to below 140°F (60°C) before being discharged.

Control System – PLC.

Printer – Built in thermal printer, unloading side printer option available.

Standards

UL61010-1 ASME Section VIII AAMI ST-8
 UL61010A-2-041 IEC 60601-1



Configuration & Accessories

Door Configuration:

- Single Door, HS1
- Double Door, HS2

Service Side:

- Right Side
- Left Side

Installation Type:

- Recessed
- Cabinet

Accessories:

- Transport Cart
- Loading Rack
- Seismic Anchoring Kit

Single Door	Model		Chamber Capacity Tray Quantity (Weight)	Chamber Dimensions H x W x D (mm)	Chamber Volume (L)	Outer Dimensions* H x W x D (mm)
	Double Door					
GR 9612 HS1	GR 9612 HS2		16 (25 lbs. each)	42.5 x 26 x 55 (1080 x 660 x 1398)	1006	77.5 x 67 x 66.7 / 67.5 (1970 x 1700 x 1694 / 1714)
GR 9615 HS1	GR 9615 HS2		20 (25 lbs. each)	42.5 x 26 x 67 (1080 x 660 x 1706)	1228	77.5 x 67 x 79 / 79.6 (1970 x 1700 x 2002 / 2022)
GR 9618 HS1	GR 9618 HS2		24 (25 lbs. each)	42.5 x 26 x 79.25 (1080 x 660 x 2014)	1449	77.5 x 67 x 91 / 91.7 (1970 x 1700 x 2310 / 2330)

* Use Belimed's cut sheet for exact dimensions.



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Options

Clean Steam Ready – Internally mounted or externally mounted electric or steam-to-steam generators are available. These options are needed when these benefits of steam made from purified water (Clean Steam) are desired:

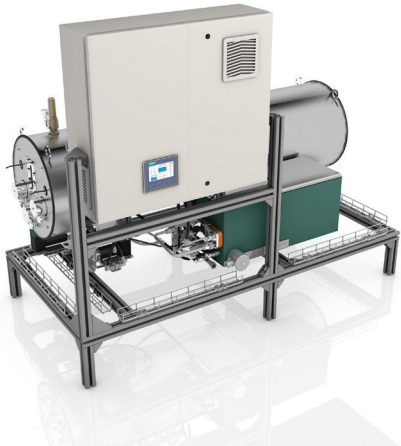
- Clean Steam contains far less contaminants than a typical house steam supply.
- This means that only trace amounts of contaminants will contact the instruments during sterilization.
- Reduced down time due to chamber cleaning
- Lower repair costs

Chilled Water Systems – A heat exchanger and cooling loop is available to integrate to chilled water systems to significantly reduce the use of potable water.

Automation – Loading and unloading automation is available to automatically load and unload the trolley(s) to and from of the chamber.

Accessories

Belimed offers standard instrument racks and transport carts designed to maximize the internal chamber dimensions.



Clean Steam Option

Cycle Description

- PreVac 270°F 4S/30D
- PreVac 270°F 4S/5D
- PreVac 275°F 3S/30D
- Bowie Dick Test
- Gravity 270°F 15S/30D
- Liquid 250°F 45S
- Leak Test
- Warm Up & Leak Test
- Warm Up

Installation

Standalone Cabinet – Matching stainless enclosures, fabricated to enclose the sterilizer.

Recessed – Trim kit provided to close out gap between wall and sterilizer.

Preventive Maintenance

Belimed recommends regular preventive maintenance to ensure proper operation of the equipment. Belimed maintains a nationwide, factory trained Service Technician Group which can perform this maintenance and/or train Biomedical staff on the proper procedure.

Belimed also offers a number of PM Plans. Contact Belimed Technical Service for more details.