



**SUN STERI & MEDI CARE
ASSOCIATE**







**RECTANGULAR HORIZONTAL STEAM STERILIZER
(MANUAL -SEMI AUTOMATIC)**

- Cycle Temperature 121°C & 134°C
- The Chamber operates at 1.76 to 1.8 kg/cm² of steam (Design Pressure)
- Operating Pressure: Chamber 1.2 Kg/cm² & Jacket -1.2Kg/cm²
- Hydraulic Test: Jacket at 2.4 Kg/cm² & Chamber: 1.8 Kg/cm²
- The Machine is manufactured in Accordance with IS 3829 Part I
- MOC: Chamber: SS 316 5 mm, Jacket: SS 304 5 mm, Back Plate: SS-304 4mm, Door SS304 12mm Optional up to 16 mm thickness.
- Steam Generator: MOC_SS 304. 440V. Heater Plate SS 304 12 mm , optional up to 15mm thickness Heating load: 18/27 Kw.
- All pipes connected to chamber and jacket are made of SS 304
- Insulation: The Jacket is insulated with 50 mm
- Thick Resin-bonded Glass-wool, which is covered by an SS 304 Sheet 1.2mm thickness.
- Door: One/ Two, Self-Aligning, Pressure Locking Type, Safety door with Radial Locking arms.
- Door/s : SS304 12mm optional up to 15 mm thickness.
- Door Gasket: Solid Section Silicon Rubber Gasket
- Machine operates with Multiport Valve / Multi-Function operated system with valves.
- Safety Valves: Two, spring-loaded safety valves safeguard the jacket and chamber mechanically.
- Display: Digital Display for Temperature and Time.
- Vacuum Pump & Vacuum Breaker (Optional) : Automatic vacuum breaker attached to jacket prevents accidental buckling of jacket due to vacuum. Without to proper vacuum, Product may not proper dry.
- Baffle: SS baffle is placed in the chamber for even distribution of steam in the chamber.
- A temperature indicator (Dual type) indicates the sterilizer temperature
- Compound gauge indicates pressure / vacuum in the chamber. Pressure gauge indicates Pressure of jacket.
- Sterilizer is mounted on a sturdy M.S pipe stand with colour with leveling flanges.
- Caster Wheels (Optional): Provided heavy Duty Caster Wheel under the Stand Pipes for Proper Movement and Transport.

CUSTOMISED TECHNICAL SPECIFICATION AVAILABLE

Chamber Size Chart

Size of Inner Chamber (W X H X D)	Capacity in Liters	Load
450X450X900 mm	180 Liters	18 KYV
450X600X900 mm	240 Liters	18 KYV
600X600X900 mm	320 Liters	18 KYV
600X600X1200 mm	430 Liters	27 KYV
600X600X1500mm	540 Liters	27 KYV
600X900X1500 mm	810 Liters	36 KYV
Customized Size Available.		

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