

CAT. NO.	DESCRIPTION OF ITEM	PRICES (PER UNIT) IN RUPEES
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in the from side for easy replacement etc. fitted with water gauge made of glass for water level, safety valve, water inlet and drain valves. These steam sterilizers are fitted with self locking safety door which cannot be opened when the chamber is under pressure. Single Door System.

The clutch mechanism automatically disengages the threads of the radial locking system for precluding any eventuality of accident when the chamber is under pressure. A heat resistant neoprene rubber gasket is provided for totally safety of the instrument. Provided with electrically operated **PIEZOSTAT**, which economics the power consumption the limits the use of release valve Which would frequently blow steam into the room. It cuts off the power supply to heaters when the set pressure is achieved and re-energizes the heater when pressure falls down.

Two separate valves are provided for evacuating air and steam from inner chamber and jacket. A steam trap is fitted in the chamber discharge line to eliminate the condensate automatically. Panel consist of pressure control switch, main on/off switch, indicators, relays etc. the sterilizer is provided with triple safety. First with pressure control switch, two nos. spring loaded safety valves, and a dead weight safety valve. A **PLUG SCREEN** prevents the discharge line from choking. And it can easily be removed for cleaning. A power full ejector circulates the air throughout the chamber.

OPERATING TEMPERATURE	PRESSURE	LOAD
121 deg C	1.2 to 2 kg./sq. Cm.	6.0 to 12.0 KW

Size (Dia x Depth)	Price
250 x 450 mm	198500/-
300 x 500 mm	206300/-
350 x 550 mm	212500/-
400 x 600 mm	254000/-
400 x 1100 mm	296500/-
550 x 750 mm	298500/-
500 x 1200 mm	395500/-
600 x 1200 mm	397500/-

OPTIONAL ACCESSORIES: Double Door System 34000/-

STAR-07 STEAM STERILIZER RECTANGULAR HIGH PRESSURE

"**SPACE TIME**" Rectangular Steam Sterilizer is same as cylindrical high pressure steam sterilizer but in rectangular shape. Outer shell made of heavy duty 304 grade stainless steel & inside chamber is made of thick stainless steel, triple walled. Door made of thick stainless steel. Properly insulated steam generator is made of heavy duty stainless steel. This steam sterilizer is fitted with pressure control device (i.e. piezostat). It cut off the power supply to heaters when the set pressure is achieved and re-start the heating elements when pressure falls below the set point. These **PIEZOSTAT**, economics the power consumption and limits the use of release valve which would frequently blow steam into the room. It cuts off the power supply to heaters when the set pressure is achieved and re-energizes the heater when pressure falls down.

The Boiler is made of thick stainless steel sheet suitable located under the sterilizer. High grade flanged type heating elements are placed in side the boiler for easy replacement fitted with water gauge made of glass for water level, safety valve, water inlet and drain valves.

"**SPACE TIME**" Steam Sterilizer is provided with self locking safety door which cannot be opened when the chamber is under pressure. The clutch mechanism system automatically disengages the threads of the radial locking system for precluding any eventuality of accident when the chamber is under pressure. A heat resistant neoprene rubber gasket is provided for totally safety of the instrument.

Two separate valves are provided for evacuating air and steam for inner chamber and jacket. A steam trap is fitted in the chamber discharge line to eliminate the condensate automatically. Panel consist of pressure control switch, main on/off switch, indicators, relays etc. the sterilizer is provided with triple safety. First with pressure control switch, two nos. spring loaded safety valves, and a dead weight safety valve. A **PLUG SCREEN** prevents the discharge line from choking. And it can easily be removed for cleaning. A power full ejector circulates the air throughout the chamber.

OPERATING TEMPERATURE AND PRESSURE:
121 deg C, 1.2 to 2 kg./sq. Cm. LOAD: 6.0 to 18.0 KW



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jacket and outer wall is filled with glass wool. Automatic pressure control switch is provided for controlling the pressure automatically on preset pressure value (i.e. Piezostat). Fitted with Automatic low water level cut off device.

Size Dia x Depth	Electric Load	Capacity	Price
250 x 450 mm	3 kw	22ltr	78300/-
300 x 500 mm	4 kw	40ltr	84500/-
350 x 550 mm	4 kw	50 ltr	97500/-
400 x 600 mm	5 kw	78 ltr	156500/-
450 x 600 mm	6 kw	98 ltr	162500/-
550 x 750 mm	6 kw	178 ltr	214000/-

OPTIONAL ACCESSORIES

- 1. Arrangement for dry sterilization at the extra cost of **14500/-**
- 2. Digital Temperature indicator **5400/-**
- 3. Digital Timer **4000/-**

STAR-05 (A) AUTOCLAVE HORIZONTAL {CYLINDRICAL}

Double walled construction. The outer walls are made of Heavy Duty Mild steel duly enamel painted & the inner chamber is made out of thick stainless steel, Whole unit is mounted on Mild steel tubular stand (Frame) duly enamel painted. Door is made of heavy mild steel duly S.S. lined with radial locking system having horizontal middle steel bars duly chromed tightened on a central screw. Steam generator (Boiler) is placed below the main unit & is made of thick stainless steel. Boiler is provided with easily replaceable heating elements and is fixed at the base of M.S. frame. These autoclaves are fitted with steam release cock, safety valves etc. boiler is fitted with water level indicator & Automatic low water level cut off device. These autoclaves are provided with automatic pressure switch / piezostat for controlling pressure at preset value Workable pressure 10 to 20 p.s.i. +- 3p.s.i. and hydraulically tested upto 40 p.s.i. suitable to work on 440 V 3 phase or 220 V single phase as per requirement..

STAR-05 (B) Same as above but Outer Chamber and lid made of Stainless steel.

Available in following sizes.

Size (Dia x Depth)	Price for STAR-05 (A)	Price for STAR-05 (B)
250 x 450 mm	87300/-	102900/-
300 x 500 mm	98300/-	118300/-
350 x 550 mm	122600/-	133000/-
400 x 600 mm	164600/-	188900/-
450 x 600 mm	188900/-	212600/-
550 x 750 mm	234800/-	255000/-
400 x 1100 mm	202600/-	232300/-
500 x 1200 mm	276900/-	298990/-

OPTIONAL ACCESSORIES

- 1. Circular type thermometer to check the temperature at the extra cost **1100/-**
- 2. Digital Timer **4000/-**
- 3. Digital Temperature indicator **5400/-**

STAR-06 STEAM STERILIZER HORIZONTAL (TRIPLE WALLED) WITH STEAM JACKET (HIGH PRESSURE CYLINDRICAL)

This sterilizer is based on the principal of downward displacement of air which is most economical method of obtaining the sterilization.

Triple walled construction with rugged and leak proof chambers. The Inner & outer chamber is made of thick plate of stainless steel 304 quality. The steam jacket is lined on the outer side and made of 304 quality stainless steel with asbestos sheet or glass wool which prevents heat losses due to radiation and is covered by strong rolled steel sheet duly painted. Boiler is made from thick stainless Steel sheet suitable located under the sterilizer. High grade flanged type heating elements are placed



STAR-05



STAR-06