

CAT. NO.	DESCRIPTION OF ITEM	PRICES (PER UNIT) IN RUPEES
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STAR-01 AUTOCLAVE PORTABLE (COOKER TYPE)

Autoclave vertical type electrically heated with air release nozzle with gasket, lid, safety valve, pressure gauge, tripod stand, stainless steel / Aluminum inner basket, steam release cock etc.

Size (Dia x Depth)	Made of Aluminum	Made of S.S.
300 x 300 mm	9900/-	15400/-
300 x 375 mm	12600/-	18000/-



STAR-01

STAR-02 AUTOCLAVE (VERTICAL)

Autoclaves are mainly based on the principal of saturated steam sterilization, Used for sterilization of rubber, utensils, Linen, plastic, dressing material, surgical items, glass wares, lab wares etc. It is used in scientific research institutions, universities, hospitals, mushroom centers, tissue culture labs etc.

“SPACE TIME” Autoclave is made of double walled sturdy construction, Inner chamber (i.e. boiler) made out of 16 SWG stainless steel of 304 grade quality, The outer shell is made out of thick mild steel duly painted for longer durability of equipment. The boiler and outer shell is provided with air insulation. Lid is made of thick mild steel duly stainless steel lined and is tightened by Radial locking system for safe operation of equipment. Lid is mounted on a central screw and is provided with best quality joint less neoprene gasket to avoid any risk and trouble free operation.

The paddle lifting device is fitted for the opening & closing of the lid. These Autoclaves are fitted with glass indicator to indicate the water level inside the boiler, pressure gauge, steam release cock, safety valves, spring loaded safety valves, drain valve etc for the safety & easy operation of equipment. The autoclave is hydraulically tested up to 40 PSI & can be set at any pressure in between the 5 to 22 p.s.i.

Heating is maintained by ISI mark heating elements which are easily replaceable and heats the water to desired temperature and pressure. Pressure is indicated by pressure gauge. Supplied complete with stainless steel perforated basket, cord plug to work on 220 V +/- 9% 50 Hz, single phase.



STAR-02

STAR-03 --Same-- as above but the Outer chamber and lid made of Stainless Steel.

Size (Dia x Depth)	Electric Load	Capacity	STAR-02	STAR-03
250 x 450 mm	(1.5 KW)	22 ltr	28900/-	35000/-
300 x 500 mm	(2 KW)	40 ltr	32000/-	41500/-
350 x 550 mm	(3 KW)	50 ltr	37300/-	44000/-
400 x 600 mm	(4 KW)	70 ltr	57900/-	67500/-
450 x 600 mm	(4 KW)	98 ltr	62400/-	72500/-
550 x 750 mm	(5 KW)	178 ltr	82300/-	96500/-
600 x 1200 mm	(7 KW)	340 ltr	143300/-	163000/-
750 x 1200 mm	(7 KW)	530 ltr	172000/-	211000/-
900 x 1200 mm	(9 KW)	760 ltr	264000/-	298500/-



STAR-04

OPTIONAL ACCESSORIES

- Automatic Pressure Control switch is provided for controlling the pressure automatically on preset pressure value (Piezostat) 5500/-
 - Digital Temperature indicator 5400/-
 - Digital Timer 4000/-
 - Automatic low water level cut off device 3000/-
 - Automatic System (Omitting the options of Digital Temp. Indicator, Timer, Piezostat) Programming with PID 4 Program Keys, 16x2 line LCD/LED Display, One start/stop key, Pt 100 3 wire Sensor, Automatic soak, Purge, exhaust setting, auto low water cut of, high-low alarm set 25300/-
 - Data Logger for Data Transfer to PC including features of Point 5 39000/-
 - Neoprene Gasket
- | Dia | 250mm | 300mm | 350mm | 400mm | 450mm | 500mm |
|-----|-------|-------|-------|-------|-------|--------|
| | 540/- | 600/- | 660/- | 720/- | 960/- | 1080/- |
- Spare Heating Elements

	1.5 KW	2.0 KW	3.0 KW
	500/-	600/-	750/-
 - Fully Automatic system with touch screen PLC Based data logger system with memory 253000/-

STAR-04 AUTOCLAVE VERTICAL HIGH PRESSURE (TRIPLE WALLED)

Sturdy Construction, Triple walled with inner chamber, outer wall and jacket made of stainless steel of 304 grade fitted with stainless steel lid and radial type locking device. The space between steam

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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