



# AUTOCLAVES

# ESPORTI IMPEX

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Esporti Impex, a supplier of Laboratory & Medical Equipment and Hospital Furniture's. Esporti Impex has been committed to providing quality products & services to its valuable customers. What distinguishes Esporti Impex from other companies is the time and effort we dedicate to understanding our business needs and our proven ability to work professionally and efficiently. We have exported our products in different regions of the world. We are very interested in touching the new heights of this world with you and strongly believe that there are opportunities to explore our business that could result from establishing a mutually beneficial business relationship.



**Esporti Impex**

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# AUTOCLAVE STERILIZERS:

## VERTICAL AUTOCLAVE: (MODEL: EI- V06)

Our Microprocessor based vertical autoclaves are double/ triple walled units. Outer body of our autoclave is constructed out of thick gauge stainless steel sheet of SS-304 grade. The inner chamber is also made of heavy gauge stainless steel sheet of SS-304 grade. The middle wall is also constructed from the strong and sturdy stainless steel sheet of ss-304 grade s stainless steel sheet.

Size of Inner Chamber (Dia x Depth)	Capacity	Load
250 x 450 mm	22 Liters	2.00 KW
300 x 500 mm	40 Liters	3.00 KW
350 x 550 mm	50 Liters	3.00 KW
400 X 600 mm	78 Liters	4.00 KW
450 x 600 mm	98 Liters	6.00 KW
550 x 750 mm	150 Liters	6.00 KW



## HORIZONTAL CYLINDRICAL AUTOCLAVE: (MODEL: EI- C07)

Our horizontal autoclaves are widely used in various bulk laboratories for their day to day studies on scale sterilization procedures where they give dryness of the sterilized medium a paramount importance and for that our sterilized media is prone to various micro-bacterial and viral infections. Having a specialization in customers' requirements we have an expert team of making both standard and customized models.

### Salient Features:

- Fully Automatic Programmable
- Temp. Range 120°C to 138°C. Time 00 To 59 Mins. (or As Per Custom Specs)
- 2 Line CLCD For Display of Messages And Faults.
- Fully Stainless Steel Double / Triple Walled With Chamber And Jacket of SS 304 / SS 316 And Ceramic wool Insulation In-Between.
- SS 304 Boiler Tank
- M.S. Powder Coated Tubular Stand & Controller Housing
- Vacuum Breaker, Pressure Gauge And Spring Loaded Safety Valve.
- Condensate Line
- "S" or "B" CLASS, Single or Multi Program(s), Power Failure Memory. Self Diagnostic Software. Password Protection & Reporting.

### **Size:**

400 X 600 mm (78 Liters)  
400 X 1100 mm (138 Liters)  
500 X 900 mm (165 Liters)  
500 X 1200 mm (220 Liters)



## DRESSING DRUM STERILIZER: (MODEL: EI- D01)

Seamless made of S.S. Bearing ISO Mark Drum Sterilizers are made of Stainless Steel sheet by deep draw process & confirm to IS specifications. These are ideal for sterilization of Gauges, Dressing Cotton, Gloves, surgical instruments used in operation theatres and emergency wards.

Size:	Diameter		Height
	240	x	250mm
	290	x	250mm
	340	x	250 mm



## HORIZONTAL RECTANGULAR SINGLE/ DOUBLE DOOR AUTOCLAVE: (MODEL: EI- R08)



The offered range of Rectangular Steam Sterilizers. These products are developed utilizing superior grade raw material and advanced machinery in adherence with the highest quality norms and standards.

The sterilizer is based on the principle that microbiological action of saturated steam at elevated temp is rapid and thorough. All models work on downward displacement of air principle which is most economical method of obtaining for all types of bulk sterilization which are commonly needed in Medical, Agricultural and Pharmaceutical institute.

Suitable for sterilizing hospital dressings, linen, rubber plastic goods, surgical instruments, glassware's and utensils etc. Construction Robust and rugged all weld construction which is leak proof unlike riveted construction. Inner chamber is made of thick plate of Mild Steel of non magnetic stainless steel of 304/316 quality and jacket is made out of rolled steel. Sterilizers will have single door made out of rolled steel lined with S.S. sheet on both sides. All the sterilizers are hydraulically tested to withstand 2.5 times the working pressure. The steam jacket is lined on the outer side with asbestos sheet or glass wool which prevents heat losses due to radiation and is covered by strong rolled steel sheet duly painted. Boiler Made of thick stainless steel plate suitably located under the sterilizer.

Size of Inner Chamber (Dia x Depth)	Capacity	Load
450 x 450 x 900 mm	180 Liters	18.00 KW
450 x 600 x 900 mm	240 Liters	18.00 KW
600 x 600 x 900 mm	320 Liters	18.00 KW
600 x 600 x 1200 mm	430 Liters	27.00 KW
600 x 900 x 1500 mm	810 Liters	36.00 KW
900 x 1050 x 2100 mm	1980 Liters	48.00 KW
1050 x 1200 x 2100 mm`	2650 Liters	60.00 KW

## SLIDING SINGLE/ DOUBLE DOOR AUTOCLAVE: (MODEL: EI- S08A)

The autoclave operates with saturated steam as the sterilizing agent with a temperature range of 105 °C (221°F) to 137 °C (279 °F) and a working pressure that meets AMSE and PED requirements. Each autoclave model is available with either single or double door.

Our quality features enable the convenience and durability needed to operate an autoclave with complete peace of mind. The fully jacketed chamber is constructed of long lasting 316L grade stainless steel with superior corrosion resistance. In addition, the generator and piping are constructed of stainless steel.

### Door Safety:-

- The doors are designed with independent mechanical and digital safety features that guarantee a safe working of the sterilizer.
- A safety device prevents the operator from opening the door when chamber is pressurized
- Steam is not allowed into the chamber when the door is open
- A cycle will not start if the door is open or not properly closed
- The door cannot open until chamber pressure reaches room pressure
- Sliding Door Safety -The sliding door progress will automatically stop if an obstruction is detected
- Double Door Safety – interlocks prevent both doors from being opened simultaneously.



Size of Inner Chamber (Dia x Depth)	Capacity	Load
450 x 450 x 900 mm	180 Liters	18.00 KW
450 x 600 x 900 mm	240 Liters	18.00 KW
600 x 600 x 900 mm	320 Liters	18.00 KW
600 x 600 x 1200 mm	430 Liters	27.00 KW
600 x 900 x 1500 mm	810 Liters	36.00 KW
900 x 1050 x 2100 mm	1980 Liters	48.00 KW
1050 x 1200 x 2100 mm`	2650 Liters	60.00 KW

## TABLE TOP AUTOCLAVE: (MODEL: EI- T12)

Bench-Top, pre and post vacuum autoclave with automatic temperature control system, self-test system before operation, self-test mode diagnose, fully automatic steam ejection and safety device containing safety valve, automatic sterilization cycles and auto detections for steam sterilization of glass wares and plastic wares, Tank Capacity - 12 to 25 ltrs.

Stainless steel seamless chamber and epoxy coated chamber cover for more safety.

The autoclave controls are easy to operate. Just choose the mold and time you want first and then press start. It is thoroughly tested and proven technology.



- Sterilize cycle, dry timer and indicator lamps display on panel which allows the operator to visibly acknowledge the phase. It is having programmable based controller.
- Safety locking mechanism that prevents opening while the autoclave is under Pressure. Complete control panel is provided in the front.
- Steam release valve will exclude cool air and extra steam.
- If electrical AC power is unavailable or is interrupted, the autoclave shall automatically shut off power and buzz to protect autoclave and instruments
- The autoclave controls are easy to operate. Just choose the mold and time you want first and then press start.
- It is thoroughly tested and proven technology. (CE 1023 approved).
- Uniform rubber gasket which endure high pressure and temperature with low dilatibility.



#### **Specification:**

- Sterilize temperature: 121°C or 134°C
- Electrical: AC 220V or 110V, 2100watts/220V and 1600watta/110V
- Water reservoir capacity: Approx. 5 L
- Safety device: safety valve, pressure regulator, and overheat protection
- Maximum Temperature: 150°C
- Maximum Pressure: 0.25mpa
- Warranty: one year

Model No.	Voltage	Power	Tank Cap.	Inside Dimensions	Packing Dimensions	Weight
EI-T12-12	220V 50Hz	1400w	12 Liters	200 * 368	620*520*500mm	46 Kg
EI-T12-16	220V 50Hz	1500w	16 Liters	240 * 360	650*520*500mm	47 Kg
EI-T12-18	220V 50Hz	1800w	18 Liters	245 * 355	650*520*500mm	48 Kg
EI-T12-23	220V50 Hz	1800w	23 Liters	245 * 465	780*520*500mm	56 Kg

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