



OUR PRODUCTS

AUTOClave VERTICAL TYPE

(Model No. MPS 001)

- ❖ Full Stainless Steel Body welded by Argon Arc Process
- ❖ Separate Air and condensate vents are provided to ensure that air / condensate is removed from the chamber that air to facilitate through penetration of the load by steam.
- ❖ Water outlet is provided to drain water from chamber preventing scale formation.
- ❖ Spring loaded Safety Valves are provided both for the inner chamber as well as for the boiling chamber to prevent accidents.
- ❖ Nuts, Bolts and Screws are made of Stainless Steel to prevent rusting.
- ❖ Separate pressure gauge with spring loaded safety valve is provided for the boiling chamber.

FITTINGS

- ❖ Stainless Steel lid with heightening knobs
- ❖ Water inlet cone, Steam control for inner chamber
- ❖ Water level mark
- ❖ Water inlet control
- ❖ Pressure gauge for inner chamber
- ❖ Adjustable pressure valve
- ❖ Spring loaded safety valve for inner chamber
- ❖ Pressure gauge for boiling chamber
- ❖ Spring loaded safety valve for boiling chamber
- ❖ Steam outlet
- ❖ Water outlet

POWER SUPPLY

220 - 250 Volts

POWER CONSUMPTION

6 kW (2 x 3 kW)

AVAILABLE IN TWO SIZES

16" x 24" & 12" x 20"





HIGH PRESSURE STEAM STERILIZERS (AUTOCLAVES) HORIZONTAL TYPE **(Model No. MPS 002)**

The Inner and Outer chambers are made up with thick Steel of 304 / 316 grade and Jacket is made out of rolled Stainless Steel sheet with leak proof argon Arc welding. The radial locking lid is made out of thick Stainless Steel Plate. All units are hydraulically tested up to 40 psi. The space between the outer chamber and steam jacket is fitted with asbestos steel / glass wool to minimize thermal losses. Steam boiler is fitted with water level indicator, Pressure gauge, low water cut off device and automatic pressure control device. Fitted with a digital temperature indicator / analog meters to indicate inner temperature and vacuum breaker to break vacuum in case of formation of vacuum due to steam condensation. Two separate valves are provided for evacuating steam from inner chamber and jackets as and when desired sterilization cycle is controlled by MULTIPORT VALVE and the unit is fitted with all standard accessories such as Automatic pressure control switch, Automatic low water cut off device and Electronic sensor controlled system to work on 440 volts 3 phase supply.

HORIZONTAL MODELS

16 x 24	Cylindrical water cut off, pressure cut off and electronic sensor controlled. Normal / High speed
16 x 36	Cylindrical all options, normal / high speed
20 x 48	Cylindrical all options, normal / high speed, Single door / double door
20 x 20 x 48	Rectangular all options. Single door/Double door
24 x 24 x 48	Rectangular all options. Single door/ Double door





AUTOMATIC HORIZONTAL CYLINDRICAL HIGH PRESSURE STERILIZER

(Model No. MPS 003)

- Triple walled unit-steam generator, working chamber, steam jacket and outer insulation cover made from heavy gauge SS 304/316 grade stainless steel
- Door with radial locking system
- Hydraulically tested up to 2.5 times the working pressure
- **Safety devices:** Pressure switch, safety valves, self locking of door when chamber is under pressure, vacuum breaker, low water level cut-off
- **Standard features:** Multiport valve, vacuum drying, chamber condensate line with steam trap & chuck valve, dial thermometer, pressure gauges for steam generator and jacket, compound gauge for chamber, sight glass, stainless steel perforated tray, expandable silicone gasket
- Unit is mounted on a tubular frame
- **Working pressure & temperature:**
Working pressure: 1.2 kg/cm² & 2.1 kg/cm²
Temperature: 121°C & 134°C

PANEL MOUNT ITEMS OF THE STERILIZER

- Panel mounded operation.
- With 7 inch touch screen.
- With emergency stop.
- Automatic / Manual selection.
- With heater on indicator.
- With process start indicator and process successfully completed indicator.
- With Manual vacuum pump rotary switch.
- Also with manual working temperature selection rotary switch.
- With panel mounded pressure meter, compound meter and temperature meter.





- **Automatic Sterilizer works based on Pressure Sensor & Temperature sensor.**
- In this Automatic Sterilizer the process depends upon both the temperature and the time.
- In this Automatic Sterilizer there are eight pre-programmed process each with different temperature operation.
 - 1). Garment
 - 2). Instrument
 - 3). Open Liquid
 - 4). Rubber Component
 - 5). Flash
 - 6). Bowie-dick
 - 7). Normal
 - 8). General
- In flash the time and temperature can be change according to the user.
- With thermal printer (Indicates each process corresponding temperature).
- The sterilizer door has limit switches which helps to indicate the door position.
- The sterilizer heating bank will start without closing the door but the process will start only after properly closing the both door, with led indicators of the on the front panel.
- **Flush mode :** The days first cycle will only start after a flush.
- For each corresponding process have its own corresponding pneumatic actuator valves.
- Automatic system works based on the new method of Pulsing System.
- After the completion of the whole cycle the buzzer will sound and on the touch screen process successfully completed will be displayed also with red led indicator.
- The automatic system is also with low level water indication.
- The Automatic system will check the outer chamber pressure in the time power-failure of the sterilizer.
- With vacuum break system
- When the pressure overshoot happens then the system will totally shutdown with screen display

Also with manual working mode with digital temperature indication

Technical specification:

Working pressure: 1.2 or 2.2 kg/cm²
Temperature: 121°C or 134°C

MODEL	DESCRIPTION	SIZE MM	SIZE INCH	CAPACITY	LOAD
MPS 003 VP - FP	Horizontal Cylindrical Standard Load (4 bin) with Vacuum Pump - Feed Pump	500 x 1200	20 x 48	250 LTR	3Ø, 18 kw
MPS 004 VP - FP	Horizontal Cylindrical Standard Load (4 bin) with Vacuum Pump - Feed Pump	600 x 1200	24 x 48	400 LTR	3Ø, 24 kw



AUTOMATIC HORIZONTAL CYLINDRICAL HIGH PRESSURE STERILIZER DOUBLE DOOR

(Model No. MPS 004)

- In this sterilizer there will be two doors :-
Sterile door
Un Sterile door
- In sterile area there will be a dummy paneling which includes :-
Pressure gauge
Compound gauge
With LED indicators
- The bins are loaded from unsterile area and unloaded from sterile area



MODEL	DESCRIPTION	SIZE MM	SIZE INCH	CAPACITY	LOAD
MPS 2048 DD VP	Horizontal Cylindrical Standard Load Double Door / with Vacuum Pump (4 bin)	500 x 1200	20 x 48	250 LTR	3Ø, 18 kw
MPS 2448 DD VP	Horizontal Cylindrical Standard Load Double Door / with Vacuum Pump (4 bin)	600 x 1200	24 x 48	400 LTR	3Ø, 24 kw

AUTOMATIC HORIZONTAL RECTANGULAR HIGH PRESSURE STERILIZER

(Model No. MPS 005)

MODEL	DESCRIPTION	SIZE MM	SIZE INCH	CAPACITY	LOAD
MPS 24x24x48	Horizontal Rectangular Steam Sterilizer	600x600x1220	24x24x48	250 LTR	3Ø, 18 kw
MPS 24x24x60	Horizontal Rectangular Steam Sterilizer	600x600x1524	24x24x60	560 LTR	3Ø, 24 kw
MPS 36x24x60	Horizontal Rectangular Steam Sterilizer	915x600x1524	36x24x60	850 LTR	3Ø, 30 kw

AUTOMATIC HORIZONTAL RECTANGULAR HIGH PRESSURE STERILIZER DOUBLE DOOR

(Model No. MPS 006)

MODEL	DESCRIPTION	SIZE MM	SIZE INCH	CAPACITY	LOAD
MPS 24x24x48 DD	Horizontal Rectangular Steam Double Door Sterilizer	600x600x1220	24x24x48	250 LTR	3Ø, 18 kw
MPS 24x24x60 DD	Horizontal Rectangular Steam Double Door Sterilizer	600x600x1524	24x24x60	560 LTR	3Ø, 24 kw
MPS 36x24x60 DD	Horizontal Rectangular Steam Double Door Sterilizer	915x600x1524	36x24x60	850 LTR	3Ø, 30 kw

- With automatic water filling system.
- With an water level sensor and feed pump.





ICU COT REMOTE 5 FUNCTION ABS SIDE RAILS (Model No. MPS 007)



ICU COT REMOTE 5 FUNCTION (Model No. MPS 008)





**ICU COT MANUAL 5 FUNCTION
ABS SIDE RAILS**

(Model No. MPS 009)



ICU COT MANUAL 5 FUNCTION

(Model No. MPS 010)



ICU COT MANUAL 3 FUNCTION

(Model No. MPS 011)



FOWLER COT
(Model No. MPS 012)



FOWLER COT
(Model No. MPS 013)



SEMI FOWLER COT
(Model No. MPS 014)



SEMI FOWLER COT
(Model No. MPS 015)



SEMI FOWLER COT
(Model No. MPS 016)



PEADIATRIC ICU COT
(Model No. MPS 017)



PEDIATRIC COT
(Model No. MPS 018)



WARD BED (Hospital Cot)
(Model No. MPS 019)



All Models are Available in Full SS



ATTENDER COT (BY STANDER COT)

(Model No. MPS 020)



(Model No. MPS 021)



(Model No. MPS 022)



EXAMINATION TABLE

(Model No. MPS 023)



(Model No. MPS 024)



(Model No. MPS 025)



LABOUR TABLES

(Model No. MPS 026)



(Model No. MPS 027)



(Model No. MPS 028)



(Model No. MPS 029)



STRETCHER TROLLEY



(Model No. MPS 030)



(Model No. MPS 031)



(Model No. MPS 032)



(Model No. MPS 033)



(Model No. MPS 034)





DRUG TROLLEY

(Model No. MPS 035)



LAPROSCOPIC TROLLEY

(Model No. MPS 036)



MAYOS TROLLEY

(Model No. MPS 037)



CRASH CART TROLLEY

(Model No. MPS 038)



(Model No. MPS 039)



(Model No. MPS 040)



LINEN TROLLEY

(Model No. MPS 041)



(Model No. MPS 042)



(Model No. MPS 043)





BED SIDE LOCKER

(Model No. MPS 044)



(Model No. MPS 045)



(Model No. MPS 046)



BED SIDE TABLE

(Model No. MPS 047)



(Model No. MPS 048)



REVOLVING STOOL

(Model No. MPS 049)



(Model No. MPS 050)



(Model No. MPS 051)





CYLINDER TROLLEY

(Model No. MPS 052)



WARD CARE BEDSIDE SCREEN

(Model No. MPS 053)



SALINE STAND (IV STAND)

(Model No. MPS 054)



(Model No. MPS 055)



(Model No. MPS 056)





WHEEL CHAIR

(Model No. MPS 057)



(Model No. MPS 058)



(Model No. MPS 059)



DRESSING TROLLEY

(Model No. MPS 060)



MONITOR TROLLEY

(Model No. MPS 061)



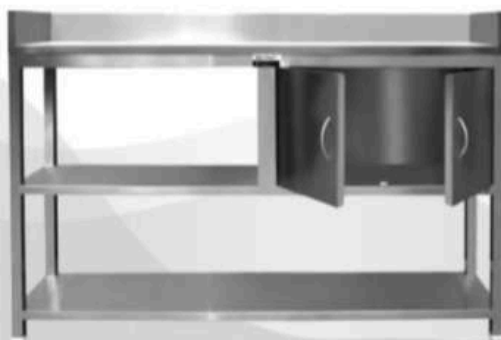
INSTRUMENT TROLLEY

(Model No. MPS 062)



CSSD WORK TABLES

(Model No. MPS 063)



(Model No. MPS 064)



(Model No. MPS 065)





CSSD TROLLEYS

(Model No. MPS 066)



(Model No. MPS 067)



(Model No. MPS 068)



SS RACK

(Model No. MPS 069)



(Model No. MPS 070)



OT SINK

(Model No. MPS 071)





WASTE SEGREGATION TROLLEY

(Model No. MPS 072)



(Model No. MPS 073)



STOOL

(Model No. MPS 074)



(Model No. MPS 075)



FOOT STEPS

SINGLE

(Model No. MPS 076)



DOUBLE

(Model No. MPS 077)





BASIN STAND
(Model No. MPS 078)



SUCTION MACHINE
(Model No. MPS 079)

¼ H.P. Motor

½ H.P. Motor



BABY WARMER
(Model No. MPS 080)

Micro process controller based infant Warmer



BABY CARE PHOTO THERAPY WITH TROLLEY
(Model No. MPS 081)





BINS

(Model No. MPS 082)



TRAYS

(Model No. MPS 083)



BUCKET AUTOCLAVE

(Model No. MPS 084)



XRAY VIEWER

(Model No. MPS 085)



SPOTLIGHT

(Model No. MPS 086)





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