

## HORIZONTAL AUTOCLAVE



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### APPLICATION:

Mehrotra Biotech Autoclaves are used in BSL Laboratories, CSSD, Clean Rooms, Hospitals, Research Labs, Microbiology Labs to perform sterilization and in the chemical industry to cure coatings and vulcanize rubber and for hydrothermal synthesis.

### FEATURES:

- It comes with capacity range of 250-800 L.
- Pass through type autoclave.
- High-Temperature, High-pressure, Triple walled construction.
- Temperature range is up to 134<sup>0</sup> C.
- Pressure range is up to 32psi.
- It has dual pressure control switch for controlling the pressure High/low.
- Ensuring High Accuracy  $\pm 1\%$  and 2°C for pressure control, compound gauges and temperature gauges.
- Automatic door locking system with high accuracy  $\pm 2$  psi.
- Steam Safety valve for over pressure and Vacuum Breaker safety.
- Robust and tripled layered construction provides High Pressure and High Temperature.
- Single sheet used in chamber for minimum welding which gives extra safe smooth surface with rounded edges.
- Joint-less silicon gasket for no leakage and trouble free service life.
- Teflon and Silicon “O” ring die pressed seal for longer and trouble free service life.
- The wall panels, fitting, boiler back plate, jacket, front panel, back panels are made up of Stainless Steel thereby ensuring easy cleaning and are compatible to use in BSL3 Laboratory.
- It comes with Air filter for re-pollution control.
- It comes with High Vacuum System which provides Uniform and saturated steam.

- Designed for Fast sterilization process.
- Touch screen programmable logic controller with recoding facility. Password protection.
- Printing facility available.
- Water injector pump for High pressure auto feed water to boiler.
- Safety Features: Over Load, Low Water, Over Pressure, High/Low temperature, Dual sensor for Low water level, Single Phase preventer.
- Emergency Planner available in both automatic and manual operation.
- Complies to CE, NABH / QCI/HIC Norms.
- ISO 900:2015, 13485:2016 certified.

### TECHNICAL SPECIFICATION

MODEL NO:	HA 250
Temperature Range	Up to 134 <sup>0</sup> C.
Temperature Gauges	2 <sup>0</sup> C.
Pressure Range	Up to 32 psi
Accuracy	+/- 1%
Chamber Shape	Rectangular
Door Type	Double Door
Door Locking	Auto Door Locking system with accuracy +/- 2 psi.
Material of construction (Chamber, Door, Jacket)	Stainless Steel 304
Material of construction (Boiler Back Plate, Front Panel, End Ring)	Stainless Steel 304
Protection	Password protection.
Display	Touch screen programmable logic controller with recoding facility
Safety	Over Load, Low Water, Over Pressure, High/Low temperature, Dual sensor for Low water level, Single Phase preventer.
Safety Valve	Over pressure and Vacuum Breaker safety.

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