

55
years of
excellence



Horizontal Autoclave Double Door



DOUBLE DOOR HORIZONTAL AUTOCLAVE

Mechanical door pulse vacuum sterilizer autoclaves with chamber volumes ranging from **250 Litres** to **4000 Litres**. Available with one or two hinged door with automatic locking. Horizontal Autoclaves are pre-programmed with 5 perfectly optimized cycle programs that cover the processing needs of most CSSDs and Operating Rooms.

Features:

- Material contact with steam made of Stainless Steel structure
- SS 304 stainless steel piping.
- 7" Multi-colour touch screen panel
- Siemens PLC and colourful HMI.
- Automatic hinged door locking
- With standard GMP authentication interface.
- Smart automatic draining system.
- Rectangular cross section with European ring-type jacket
- 21 CFR part 11

Optional Features

- 10" Multi-colour touch screen
- Provides real-time data to any process workflow management system supporting Modbus
- Smart automatic drainage system, water-conservation noise reduction system.

Main Parameters and Utilities

Designed Pressure of Inner Chamber	-0.1 ~ 0.3MPa
Designed Pressure of Jacket	0.3MPa
Designed Temperature	150°C
Maximum Working Temperature	139°C
Maximum Working Pressure	0.25MPa
Vacuum Leakage Rate	≤0.13KPa/min
Ultimate Vacuum	-97KPa
Opening Pressure for Inner Chamber's Safety Valve	0.28MPa
Opening Pressure for Jacket's Safety Valve	0.28 MPa
Precision of Sterilization Temperature Control	0~2°C
Temperature Uniformity	±1°C
Negative Pressure Pulsation Vacuum Amplitude and Times	Amplitude -80~0KPa, Times 1~99
Times of Pulses Across Pressure	Amplitude -80~80KPa, Times 1
Times of Positive Pressure Pulses	01-Mar



Loading Carts & Transfer Carriages

- Stainless steel pull out Trays equipped with rails for easy loading and unloading. The rails are designed to prevent the trays from rolling over.
- 316L loading carts are designed to roll from the transfer carriage onto the chamber rails for easy handling of heavy loads.
- Swivel wheels with wheel breaks maximize mobility in limited space.
- Safety lock for ease of use & sliding presentation of carriage.

Main Features

- Rectangular cross section with European ring-type jacket with reinforcing ribs.
- Two interlocked pneumatically sealed doors as per requirement.
- SS 304 interior liner and door panels for steam contact along with the gear rack and teach.
- High-quality Q245R material specific jacket for pressure vessels (S30408 optional).
- Standard GMP authentication interface.
- Double pulsation processes for removal of interior air, improving fatigue life of equipment.
- Excellent drying performance.

Model	Size of Liner W x H(mm) Depth(mm)		Volume (L)	Overall Size L x W xH(mm)	Steam Consumption (Kg/C)	Tap Water (Kg/C)	Power
Model 1	550 × 550	845	250	1136 × 1310 × 1880	18	120	2KW + 4KW
Model 2	610×610	1000	360	1320 × 1350 × 1930	22	180	2KW + 30 KW
Model 3	610 × 910	1150	600	1470× 1410 × 2100	35	320	3KW + 36 KW
Model 4	610 × 910	1490	800	1820 × 1410 × 2100	47	400	3.5KW + 48 KW
Model 5	610 × 910	1815	1000	2250 × 1410 × 2100	55	500	3.5KW + 54 KW

- Global Presence In More Than 78+ Countries



Awards

- Award for Leaders in Sustainable Stability Chambers
For reducing electrical consumption by 60% & water consumption by 90%
- Best Innovation In Sustainability
- India Design Mark Award



Certifications & Approvals



Complete after sales service provided such as installation, calibration, validation, repairs, modification & annual maintenance contracts.



This NABL accredited laboratory is equipped to carry out on site calibration & validation of various parameters like temperature, relative humidity, pressure, vacuum, dimension etc.

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Unit II



"As part of our continuous improvement program, design specifications and photographs given in this brochure are subject to change without notice and without attracting obligations for pre modification to equipment previously sold"

Unit I

