

Labycare-Horizontal Autoclave High Pressure Cylindrical (SKSSAS021)



Horizontal Autoclave High Pressure Cylindrical Manufacturer by LABYCARE

Description :

Model No: SKSSAS021

The Horizontal Autoclave High Pressure Cylindrical model is designed for sterilizing large volumes of medical and laboratory materials. Made from premium-grade stainless steel, it withstands high pressure and ensures maximum heat retention. The cylindrical chamber allows efficient steam circulation and uniform temperature distribution. Equipped with digital temperature and pressure control, automatic steam release, and multiple safety interlocks, it guarantees safe and consistent operation. Suitable for hospitals, pharmaceutical production units, and research laboratories, this autoclave offers dependable performance, energy efficiency, and long service life under demanding sterilization conditions.

Specifications :

Parameter	Specification
Model Type	Horizontal Autoclave High Pressure Cylindrical
Chamber Construction	High-grade Stainless Steel (SS 304 / SS 316 optional)
Outer Body	Stainless Steel / Mild Steel Powder Coated
Chamber Type	Cylindrical Horizontal
Working Pressure	15 to 22 psi
Operating Temperature	Up to 134°C ±1°C
Door Type	Radial Locking / Hinged Door with Safety Lock
Control System	Digital PID Controller / Microprocessor-based Automatic Control

Heating System	Electrical Heating Elements / Steam Heating Option
Pressure Gauge	0–60 psi Pressure Indicator
Safety Features	Pressure Cut-off, Safety Valve, Low Water Cut-off, Automatic Steam Release, Door Safety Lock
Insulation	High-grade Glass Wool or Mineral Wool for Heat Retention
Vacuum System (Optional)	Pre & Post Vacuum Cycles for Air Removal
Power Supply	440V AC, 3 Phase, 50 Hz
Sterilization Cycle	Automatic with Timed Pressure & Temperature Control
Finish	Mirror Polished Stainless Steel Interior & Exterior
Mounting	Horizontal Floor Mounted on Heavy Duty Tubular Stand
Available Capacities	75 L, 150 L, 200 L, 300 L, 400 L, 500 L, or Custom Sizes
Application Areas	Hospitals, Pharmaceutical Industries, Research Labs, Bio Labs, and Universities

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