Vertical Autoclaves, 120L

Model **MSCLRC231JJSWISS** | Brand **Master Science** | Unit **Pc**



Autoclave

This vertical autoclave is ideal for sterilizing laboratory equipment, medical waste, and various materials in food processing and inspection sectors. It uses gravity displacement to efficiently expel cold air from the sterilization chamber, ensuring effective sterilization.

KEY HIGHLIGHTS

- Easy Operation
- Portability
- Fast Maintenance
- Steam Generation
- Sealing

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Key Features

Easy Operation
Hand wheel design for quick and labor-saving door opening.

Portability
Casters for easy movement of the autoclave.

Fast Maintenance
Quick-access window for maintenance without removing the electrical cover.

Steam Generation
The unit generates steam internally, eliminating the need for an external steam source.

Sealing
Features a self-expanding silicone sealing ring that ensures a strong seal and has a long service life, made from transparent medical silicone.

Clear Display
LED digital tube shows temperature, time, alarm codes, and operating status.

Sterilization Process
Utilizes gravity displacement and positive pressure pulsating exhaust to expel cold air from the load and chamber.

0.28 MPA

150℃

Technical Specifications

GENERAL	
General	Capacity120L
General	Working Pressure0.23 MPa
General	Working Temperature105℃ to 136℃
General	Temperature Display Accuracy0.1℃
General	Chamber MaterialS30408 stainless steel
General	Chamber Sizeφ387 x 1056 mm
General	Basket Sizesφ365 x 361 mm (1 pc), φ365 x 266 mm (2 pcs)
General	Altitude Limit≤3000m
General	Power Consumption5.2 kW
General	External Dimensions (W x D x H)641 x 550 x 1380 mm
General	Net Weight121 kg
General	Real-Time MonitoringTemperature is continuously detected and displayed, with a precision of 0.1℃.
Power SupplyStandard	220V, 50/60Hz; Optional: 110V, 50/60Hz

Optional Accessories

- A printer can be added to log sterilization temperatures.
- Standard: Basket
- Printer, mesh bottom basket, tray, bucket
- This vertical autoclave offers reliable sterilization with advanced monitoring features, ideal for laboratories and medical facilities where precision and efficiency are key.