

## Vertical Autoclaves, 120L



Vertical Autoclave – Model MSCLRC231JJSWISS

Application:

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.

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.
- **Real-Time Monitoring:** Temperature is continuously detected and displayed, with a precision of 0.1°.
- **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.
- **Optional Printer:** A printer can be added to log sterilization temperatures.

#### Technical Specifications:

- **Model:** MSCLRC231JJSWISS
- **Capacity:** 120L
- **Designed Pressure:** 0.28 MPa
- **Working Pressure:** 0.23 MPa
- **Designed Temperature:** 150°
- **Working Temperature:** 105° to 136°
- **Temperature Display Accuracy:** 0.1°
- **Chamber Material:** S30408 stainless steel
- **Chamber Size:** 387 x 1056 mm
- **Basket Sizes:** 365 x 361 mm (1 pc), 365 x 266 mm (2 pcs)
- **Altitude Limit:** 3000m
- **Power Consumption:** 5.2 kW
- **Power Supply:** Standard: 220V, 50/60Hz; Optional: 110V, 50/60Hz
- **External Dimensions (W x D x H):** 641 x 550 x 1380 mm
- **Net Weight:** 121 kg

#### Standard and Optional Accessories:

- **Standard:** Basket
- **Optional:** Printer, mesh bottom basket, tray, bucket

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This vertical autoclave offers reliable sterilization with advanced monitoring features, ideal for laboratories and medical facilities where precision and efficiency are key.