



VERTICAL AUTOCLAVE
LD-LVA-L31

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Vertical Autoclave LD-LVA-L31 is a 80-litre capacity PLC microprocessor-controlled unit with 7” touch screen display for remote operation and monitoring and automatic flip door system. Automatically route for water inlet, pulse vacuum, heating, sterilizing, and draining, exhausting, vacuum drying. The vertical autoclave units are equipped with PT/TT testing connector and pressure gauge to indicate temperature and pressure of the system. It consists of embedded steam collector and water tank with exhaust mode. Automatic protection with water level sensor, overpressure, cooling lock, dry scorch, temperature, safety valve, short circuit and anti-scald chamber leakage.

Features:

- Eight columns evenly distributed mechanical interlocking system
- Designed touch screen LCD display with remote operation and monitoring system
- Automatically route for water inlet, pulse vacuum, heating, sterilizing, and draining, exhausting, vacuum drying
- Equipped with the PT/TT testing connector, easy to run the testing
- Designed with steam-water inner circulation system no steam discharge, and the environment for sterilizing will be clean and dry
- Over temperature & over pressure auto-protection
- Automatically shut off with beep alarm after sterilization
- Equipped with bacteria filter, ensure the sterile air enter the inner vacuum environment, avoid the second contamination
- Stores up to 1000 sterilization programs, comes with expandable storage

Applications

Widely used in the applications of Biochemistry, pharmaceutical industry, medicine and health care industry, Biotechnology, Microbiology and scientific research.

Specifications

Model No.	LD-LVA-L31
Capacity	80 L
No. of Baskets	02 Stainless steel baskets
Designed Temperature	153 °C
Designed Pressure	-0.1/0.5 Mpa
Working Temperature	105 – 140 °C
Working Pressure	0 – 0.24 Mpa
Sterilization Time	0 – 9999 min
Melting Temperature	40 – 115 °C
Melting Time	0 – 9999 min

Warming Temperature	40 – 80 °C
Warming Time	0 – 9999 min
Drying Time	0 – 9999 min
Heat Average	$\leq \pm 0.5$ °C
Display Accuracy	0.1 °C
Power Supply	AC 220 V, 50/60 Hz
Chamber Dimension (D x H)	$\phi 396$ x 650 mm
External Dimension	686 x 556 x 1035 mm
Packing Dimension	786 x 656 x 1135 mm
Net Weight	200 kgs
Gross Weight	230 kgs
Power Consumption	4.3 kW