



Vertical Autoclave LVA-H1 Series

Vertical Autoclave LVA-H10

Vertical Autoclave LVA-H10 is a microcomputer control system based top loading sterilizer with 35 L capacity, 134°C sterilization temperature, and 0.22 MPa working pressure. With fully stainless steel structure of 304 SS with superior corrosion resistance property, it offers direct heating via immersed copper tubes as heating element. Features include LCD display with touch keypad, hand wheel type quick open door structure with silicone rubber seal, two stainless steel baskets, auto discharge mechanism, auto shut off with beep reminder, and alarm system to provide protection against over-temperature and over-pressure. Easy to operate vertical autoclave finds wide applications across life science, medicine, food, pharma, and other industries.

Vertical Autoclave LVA-H11

Vertical Autoclave LVA-H11 is a microcomputer control system based top loading sterilizer with 50 L capacity, 134°C sterilization temperature, and 0.22 MPa working pressure. With fully stainless steel structure of 304 SS with superior corrosion resistance property, it offers direct heating via immersed copper tubes as heating element. Features include LCD display with touch keypad, hand wheel type quick open door structure with silicone rubber seal, two stainless steel baskets, auto discharge mechanism, auto shut off with beep reminder, and alarm system to provide protection against over-temperature and over-pressure. Easy to operate vertical autoclave finds wide applications across life science, medicine, food, pharma, and other industries.

Vertical Autoclave LVA-H12

Vertical Autoclave LVA-H12 is a microcomputer control system based top loading sterilizer with 75 L capacity, 134°C sterilization temperature, and 0.22 MPa working pressure. With fully stainless steel structure of 304 SS with superior corrosion resistance property, it offers direct heating via immersed copper tubes as heating element. Features include LCD display with touch keypad, hand wheel type quick open door structure with silicone rubber seal, two stainless steel baskets, auto discharge mechanism, auto shut off with beep reminder, and alarm system to provide protection against over-temperature and over-pressure. Easy to operate vertical autoclave finds wide applications across life science, medicine, food, pharma, and other industries.

Vertical Autoclave LVA-H13

Vertical Autoclave LVA-H13 is a microcomputer control system based top loading sterilizer with 100 L capacity, 134°C sterilization temperature, and 0.22 MPa working pressure. With fully stainless steel structure of 304 SS with superior corrosion resistance property, it offers direct heating via immersed copper tubes as heating element. Features include LCD display with touch keypad, hand wheel type quick open door structure with silicone rubber seal, two stainless steel baskets, auto discharge mechanism, auto shut off with beep reminder, and alarm system to provide protection against over-temperature and over-pressure. Easy to operate vertical autoclave finds wide applications across life science, medicine, food, pharma, and other industries

Features

- ❑ Full stainless steel structure SS 304 stainless steel with in-built water tank
- ❑ Hand wheel type door structure for quick door opening
- ❑ Door with silicone rubber seal to prevent steam leakage
- ❑ Safety valve to get automatically release against over-pressure
- ❑ Direct heating by immersed copper tubes of heating elements
- ❑ Microcomputer control system, Digital display with touch keypad
- ❑ Auto protection against over temperature and over pressure
- ❑ Automatic system for water feeding, increasing temperature, sterilization steam discharge, exhausting air and drying
- ❑ Drying function is optional, can be customized according to customer's request

Application

Vertical Autoclave designed for biochemistry, pharmaceutical industry, health care industry, food and brewery industry, biotechnology, microbiology, medicine and scientific research, for sterilization of media, materials, glassware and other materials.

Specifications:

Model	LVA-H10	LVA-H11
Capacity	35 L	50 L
Working sterilization temperature	134°C	134°C
Working sterilization pressure	0.22 MPa	0.22 MPa
Adjustment of Temperature	105°C to 134°C	105°C to 134°C
Maximum working pressure	0.23 MPa	0.23 MPa
Timer range	0 to 99 min / 0 to 99 hr 59 min	0 to 99 min / 0 to 99 hr 59 min
Control Precision: Temperature	≤ ± 1°C	≤ ± 1°C
Digital display	LCD Display	LCD Display
Maximum power consumption	2.5 kW	3 kW
Power supply	AC 220 V 50 Hz	AC 220 V 50 Hz
Chamber dimension (Φ × D)	318 × 450 mm	340 × 550 mm
Dimension (L × W × H)	450 × 450 × 1010 mm	510 × 470 × 1130 mm
Packaging dimension (L × W × H)	570 × 550 × 1150 mm	590 × 590 × 1280 mm
Net weight	56 kg	68 kg
Gross weight	72 kg	88 kg

Model	LVA-H12	LVA-H13
Capacity	75 L	100 L
Working sterilization temperature	134°C	134°C
Working sterilization pressure	0.22 MPa	0.22 MPa
Adjustment of Temperature	105°C to 134°C	105°C to 134°C
Maximum working pressure	0.23 MPa	0.23 MPa
Timer range	0 to 99 min / 0 to 99 hr 59 min	0 to 99 min / 0 to 99 hr 59 min
Control Precision: Temperature	≤ ± 1°C	≤ ± 1°C

Digital display	LCD Display	LCD Display
Maximum power consumption	4.5 kW	4.5 kW
Power supply	AC 220 V 50 Hz	AC 220 V 50 Hz
Chamber dimension (Φ × D)	400 × 600 mm	440 × 650 mm
Dimension (L × W × H)	560 × 560 × 1120 mm	540 × 560 × 1250 mm
Packaging dimension (L × W × H)	650 × 630 × 1280 mm	680 × 630 × 1370 mm
Net weight	80 kg	85 kg
Gross weight	100 kg	110 kg

Standard Accessories

- Stainless Steel Basket × 2