



# HORIZONTAL AUTOCLAVE

## LHA-D1 SERIES

## Horizontal Autoclave LHA-DI Series

Horizontal Laboratory Autoclave LHA-DI Series offers Class B, microprocessor controlled full automatic autoclave with vacuum drying function. It is equipped with motorized or sliding door with an effective sterilization temperature of 139°C. With safety features like auto door lock against raised safety pressure and automatic shutoff preventing overload of current this autoclave is an ideal laboratory device.

### Features

- ▶ Autoclave offers single door design, it can be customized to optional double door design
- ▶ Class B, fully automatic with vacuum drying
- ▶ Digital LCD display to monitor working status and parameters
- ▶ Working pressure : 0.22 mPa
- ▶ Working temperature : 139°C Working pressure : 0.22 MPa
- ▶ Door lock feature : Door cannot be opened till the pressure inside the chamber doesn't fall to 0.027 mPa
- ▶ Safe door lock system ensuring safety / protection during sterilization
- ▶ Automatic power cut off with alarm with low water levels indication
- ▶ Motorized or sliding door with pneumatic sealing to prevent loss of sterile steam
- ▶ Controlled power with built in steam generator (LHA-D10, LHA-D11, LHA-D12)
- ▶ Controlled power with Optional steam generator (LHA-D13, LHA-D14, LHA-D15, LHA-D16)

### Application

Used to sterilize culture media, instruments, dressings, intravenous equipments, rubber closure of glass equipments used in aseptic techniques and numerous objects that can withstand high temperature and pressure

## Specifications

Model	LHA-D10	LHA-D11	LHA-D12
Capacity	250 L	360 L	600 L
Sterilization Temperature	139 °C		
Sterilization Pressure	0.22 mPa		
Steam Pressure and the Consumption	0.4-0.6 Mpa/15 Kgs	0.4-0.6 MPa/20 Kgs	0.4-0.6 Mpa/30 Kgs
Compressed air pressure	0.6 ~ 0.8 MPa	0.6 ~ 0.8 MPa	0.6 ~ 0.8 MPa
Water Source Pressure and the Consumption	0.2-0.3 MPa / 150 kgs	0.2-0.3 MPa / 150 kgs	0.2-0.3 MPa / 200 kgs
Inner Chamber Dimension (mm)(L×W×H)	800×600×600	1000×600×600	1200×610×910
Outer Dimension(mm) (L×W×H)	1100×1300×1700	1300×1300×1700	1500×1350×1950
Net Weight (Kgs)	650 Kgs	760 Kgs	1100 Kgs
Power Supply	26 kW	26 kW	36 kW

Model	LHA-D13	LHA-D14
Capacity	800 L	1200 L
Sterilization Temperature	139 °C	
Sterilization Pressure	0.22 mPa	
Steam Pressure and the Consumption	0.4-0.6 Mpa/40 Kgs	0.4-0.6 Mpa/48 Kgs
Compressed air pressure	0.6 - 0.8 Mpa	0.6 - 0.8 Mpa
Water Source Pressure and the Consumption	0.2 ~ 0.3 MPa / 250 kgs	0.2 ~ 0.3 MPa / 250 kgs
Inner Chamber Dimension (L×W×H)	1500×610×910 mm	1500×680×1180 mm
Outer Dimension (L×W×H)	1800×1350×1950 mm	1790×1450×1950 mm
Net Weight	1300 Kgs	1900 Kgs
Power Supply	3 kW	4 kW

## Specifications

Model	LHA-D15	LHA-D16
Capacity	1500 L	2000 L
Sterilization Temperature	139 °C	
Sterilization Pressure	0.22 mPa	
Steam Pressure and the Consumption	0.4~0.6 Mpa/55 Kgs	0.4~0.6 Mpa/65 Kgs
Compressed air pressure	0.6 ~ 0.8 Mpa	0.6 ~ 0.8 Mpa
Water Source Pressure and the Consumption	0.2~0.3 MPa / 350 kgs	0.2~0.3 MPa / 400 kgs
Inner Chamber Dimension (L×W×H)	1900×680×1180 mm	1700×1000×1200 mm
Outer Dimension (L×W×H)	2190×450×1950 mm	2000×1850×2000 mm
Net Weight	2000 Kgs	2600 Kgs
Power Supply	4 kW	4.5 kW