

# Horizontal Autoclave LHA-I1 Series



# Horizontal Autoclave LHA-I1 Series

## **Horizontal Autoclave LHA-I10**

Horizontal Autoclave LHA-I10 is a floor standing unit which has a built in printer and a touch screen display to preset the parameters. It has a capacity of 60 L. The process of water filling, heating up, sterilizing and drying are fully automated. Alarm system to show the completion of cycle and fault messages is included. It has Electric lock door system to ensure the safety of user and also the equipment. It can be used to sterilize various material in operation room, labs, oral department, ophthalmology etc.

## **Horizontal Autoclave LHA-I11**

Horizontal Autoclave LHA-I11 is a floor standing unit which has a built in printer and a touch screen display to preset the parameters. It has a capacity of 80 L. The process of water filling, heating up, sterilizing and drying are fully automated. Alarm system to show the completion of cycle and fault messages is included. It has Electric lock door system to ensure the safety of user and also the equipment. It can be used to sterilize various material in operation room, labs, oral department, ophthalmology etc.

## **Horizontal Autoclave LHA-I12**

Horizontal Autoclave LHA-I12 is a floor standing unit which has a built in printer and a touch screen display to preset the parameters. It has a capacity of 120 L. The process of water filling, heating up, sterilizing and drying are fully automated. Alarm system to show the completion of cycle and fault messages is included. It has Mechanical interlock door system to ensure the safety of user and also the equipment. It can be used to sterilize various material in operation room, labs, oral department, ophthalmology etc.

## **Horizontal Autoclave LHA-I13**

Horizontal Autoclave LHA-I13 is a floor standing unit which has a built in printer and a touch screen display to preset the parameters. It has a capacity of 140 L. The process of water filling, heating up, sterilizing and drying are fully automated. Alarm system to show the completion of cycle and fault messages is included. It has Mechanical interlock door system to ensure the safety of user and also the equipment. It can be used to sterilize various material in operation room, labs, oral department, ophthalmology etc.

# Horizontal Autoclave LHA-I Series

## Horizontal Autoclave LHA-I14

Horizontal Autoclave LHA-I14 is a floor standing unit which has a built in printer and a touch screen display to preset the parameters. It has a capacity of 180 L. The process of water filling, heating up, sterilizing and drying are fully automated. Alarm system to show the completion of cycle and fault messages is included. It has Mechanical interlock door system to ensure the safety of user and also the equipment. It can be used to sterilize various material in operation room, labs, oral department, ophthalmology etc.

## Features

- PLC microprocessor control system
- LCD touch screen display to view and preset various parameters
- Fully automatic water filling, heating up, sterilizing and drying process
- Built-in micro-printer to record the data
- Function to count the number of cycles
- Alarm system to display fault message on screen
- Beep sound and message displayed to acknowledge the completion of sterilization cycle
- Internal pumps and piping system for water circulation
- Wheel attached for easy shifting

## Safety Measures

- Power supply disconnected once the temperature exceeds the preset value to protect the heater
- Alarm message displayed when water levels drops down the heating pipe
- Electric lock for doors to initiate the cycle and also the door can open only after the pressure inside the chamber is completely released (LHA-I10, LHA-I11)
- Mechanical interlock door system for tight locking and open only after pressure inside the chamber is completely released (LHA-I12, LHA-I13, LHA-I14)
- Mechanism to reduce the temperature and pressure after reaching the safe limit is included
- Safety valve included to release excess pressure
- Short circuit and leakage current are designed for safety of the equipment and user.

# Horizontal Autoclave LHA-I1 Series

## Application

It is used to sterilise rubber, liquid, plant-in instrument, dressing, hollow instrument, wrapped and unwrapped items in various like ophthalmology, operation room, laboratory etc.

## Specifications

Model No	LHA-I10	LHA-I11
Capacity	60 L	80 L
Designed pressure	0.26 mPa	
Designed temperature	150°C	
Maximum working pressure	0.23 mPa	
Sterilization temperature range	105°C to 138°C Adjustable	
Temperature accuracy	0.1°C	
Temperature homogeneity	≤ ± 0.5°C	
Chamber material	stainless steel	
Water requirement	distilled water or pure water	
Chamber dimension	340 × 680 mm	370 × 755 mm
Outer dimension	780 × 480 × 1450 mm	870 × 540 × 1450 mm
Net weight	165 kg	185 kg
Power supply	220 V, 50 Hz	220 V, 50 Hz
Power	3 kW	4 kW

# Horizontal Autoclave LHA-I1 Series

## Specifications

Model No	LHA-I12	LHA-I13	LHA-I14
Capacity	120 L	140 L	180 L
Designed pressure	0.26 mPa		
Designed temperature	150°C		
Maximum working pressure	0.23 mPa		
Sterilization temperature range	105°C to 138°C Adjustable		
Temperature accuracy	0.1°C		
Temperature homogeneity	≤ ± 0.5°C		
Chamber material	stainless steel		
Water requirement	distilled water or pure water		
Chamber dimension	500 × 665mm	500 × 765 mm	500 × 965 mm
Outer dimension	780 × 650 × 1550 mm	880 × 650 × 1550 mm	1080 × 650 × 1550 mm
Net weight	247 kg	270 kg	310 kg
Power supply	220 V, 50 Hz	380 V, 50 Hz	380 V, 50 Hz
Power	6.7 kW	6.7 kW	10.5 kW