



## **Horizontal Autoclave LHA-400 & 500 Series**

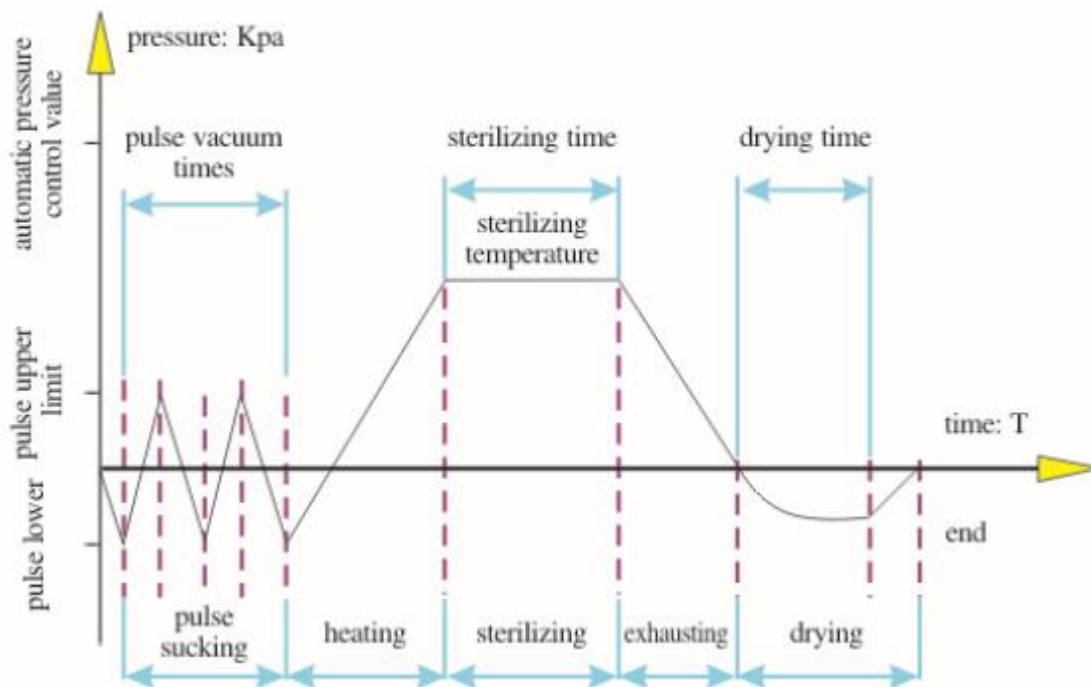


Labocon Horizontal Autoclave LHA-400 & LHA-500 Series is designed to provide a safe, reliable and accurate steam sterilization performance for a wide range of applications in modern laboratories. It is suitable for applications that require routine destruction of all living micro-organisms.

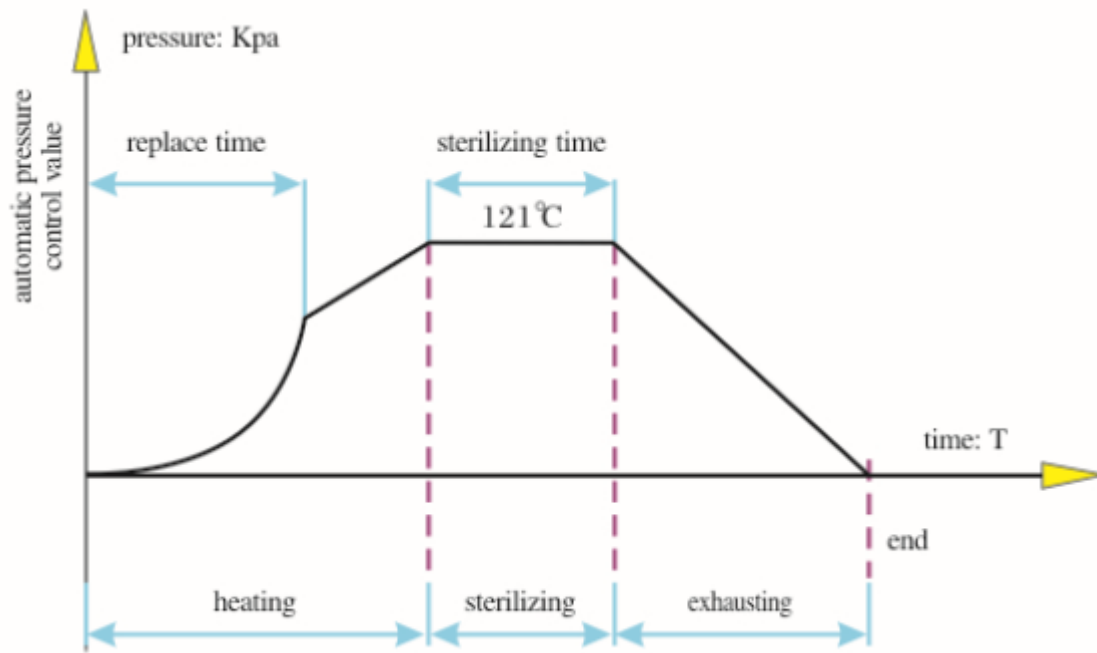
## Features

- Rectangular body structure, inner chamber made up of stainless steel SUS30408 or SUS31608 with brushed decorated exterior.
- Optional choice between motorized door or sliding door
- Door with pneumatic sealing and double door interlocking feature
- PLC control system with touch screen
- Controlled automatic sterilization
- Designed with reliable pneumatic angle type wall, water ring pumps and 0.22  $\mu\text{M}$  high efficiency sterile medical grade filters piping system.
- Adopts quick connector pipe clamps for easy and smooth operation
- Door remains locked if inner pressure is higher than the safety pressure
- Over temperature, over pressure, auto-protection device
- 4-level emergency treatment of abnormal state

## **Sterilization Cycle: In case of solids**



**Sterilization Cycle: In case of Liquids**





**Air Compressor**



**Steam Generator**

**Touch Screen**



**Printer**



**Specification**

Model	LHA-401	LHA-402	LHA-403	LHA-404
Capacity	250 L	360 L	600 L	800 L
Door Type	Double Door			
Sterilization Temperature	139°C			
Timer Range	0-30 mins			
Working Pressure	0.25 MPa			

<b>Steam Pressure and consumption</b>	0.4-0.8 Mpa 15 kg	0.4-0.8 Mpa 20 kg	0.4-0.8 Mpa 30 kg	0.4-0.8 Mpa 40 kg
<b>Water Source Pressure and the consumption</b>	0.15-0.3 Mpa 35 kg	0.15-0.3 Mpa 40 kg	0.15-0.3 Mpa 45 kg	0.15-0.3 Mpa 50 kg
<b>Chamber Dimension</b>	800x600x600 mm	1000x600x600 mm	1200x610x910 mm	1500x610x910 mm
<b>Overall dimension (LxWxH)</b>	1100x1300x1700 mm	1300x1300x1700 mm	1500x1350x1950 mm	1800x1350x1950 mm
<b>Power</b>	2+24KW	2+24KW	3+36 KW	3 KW
<b>Power Supply</b>	380V, 50Hz			
<b>Weight</b>	900 kg	1000 kg	1400 kg	1600 kg

<b>Model</b>	<b>LHA-405</b>	<b>LHA-406</b>	<b>LHA-407</b>
<b>Capacity</b>	1200 L	1500 L	2000 L
<b>Door Type</b>	Double Door		
<b>Sterilization Temperature</b>	139°C		
<b>Timer Range</b>	0-30 mins		
<b>Working Pressure</b>	0.25 MPa		
<b>Steam Pressure and consumption</b>	0.4-0.8 Mpa 48 kg	0.4-0.8 Mpa 55 kg	0.4-0.8 Mpa 65 kg
<b>Water Source Pressure and the consumption</b>	0.15-0.3 Mpa 55 kg	0.15-0.3 Mpa 60 kg	0.15-0.3 Mpa 65 kg
<b>Chamber Dimension</b>	1500x680x1180 mm	1900x680x1180 mm	1700x1000x1200 mm
<b>Overall dimension (LxWxH)</b>	1790x1450x1950 mm	2190x1450x1950 mm	2000x1850x2000 mm
<b>Power</b>	4 KW		4.5 KW
<b>Power Supply</b>	380V, 50Hz		
<b>Weight</b>	1800 kg	2000 kg	2500 kg

Model	LHA-501	LHA-502	LHA-503	LHA-504
Capacity	250 L	360 L	600 L	800 L
Door Type	Single Door			
Sterilization Temperature	139°C			
Timer Range	0-30 mins			
Working Pressure	0.25 MPa			
Steam Pressure and consumption	0.4-0.8 Mpa 15 kg	0.4-0.8 Mpa 20 kg	0.4-0.8 Mpa 30 kg	0.4-0.8 Mpa 40 kg
Water Source Pressure and the consumption	0.15-0.3 Mpa 35 kg	0.15-0.3 Mpa 40 kg	0.15-0.3 Mpa 45 kg	0.15-0.3 Mpa 50 kg
Chamber Dimension	800x600x600 mm	1000x600x600 mm	1200x610x910 mm	1500x610x910 mm
Overall dimension (LxWxH)	1100x1300x1700 mm	1300x1300x1700 mm	1500x1350x1950 mm	1800x1350x1950 mm
Power	2+24KW	2+24KW	3+36 KW	3 KW
Power Supply	380V, 50Hz			
Weight	900 kg	1000 kg	1400 kg	1600 kg

Model	LHA-505	LHA-506	LHA-507
Capacity	1200 L	1500 L	2000 L
Door Type	Single Door		
Sterilization Temperature	139°C		
Timer Range	0-30 mins		
Working Pressure	0.25 MPa		
Steam Pressure and consumption	0.4-0.8 Mpa 48 kg	0.4-0.8 Mpa 55 kg	0.4-0.8 Mpa 65 kg

<b>Water Source Pressure and the consumption</b>	0.15-0.3 Mpa 55 kg	0.15-0.3 Mpa 60 kg	0.15-0.3 Mpa 65 kg
<b>Chamber Dimension</b>	1500x680x1180 mm	1900x680x1180 mm	1700x1000x1200 mm
<b>Overall dimension (L×W×H)</b>	1790x1450x1950 mm	2190x1450x1950 mm	2000x1850x2000 mm
<b>Power</b>	4 KW		4.5 KW
<b>Power Supply</b>	380V, 50Hz		
<b>Weight</b>	1800 kg	2000 kg	2500 kg

### Application

Labocon Horizontal Autoclave is widely used for sterilization applications in biotechnology industries, pharmaceutical industries, hospitals, research laboratories, etc.



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