



## **Horizontal Laboratory Autoclave LD-LHA-D20**

**Labodam Equipment Ltd.**

**[info@labodam.com](mailto:info@labodam.com) | [www.labodam.com](http://www.labodam.com)**

# Horizontal Laboratory Autoclave LD-LHA-D20

## Overview

Horizontal Laboratory Autoclave LD-LHA-D20 is a 10000 L capacity Class B, microprocessor controlled fully automatic autoclave with vacuum drying function. It is equipped with motorized or sliding door with an effective sterilization temperature of 138 °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
- 7-inch color touch screen display to monitor working status and parameters
- Working pressure: 0.25 mPa
- Working temperature: 138 °C
- 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
- Sliding door with pneumatic sealing to prevent loss of sterile steam
- Controlled power with built in steam generator

## Applications:

Horizontal autoclave is suitable for medical, laboratory, microbiological, clinical use and to sterile the waste before discarding.

## Specifications:

|                                      |                      |
|--------------------------------------|----------------------|
| <b>Capacity</b>                      | 10000 L              |
| <b>Net Weight</b>                    | 12000 kgs            |
| <b>Compressed Air</b>                | 0.4 – 0.7 Mpa        |
| <b>Steam Pressure</b>                | 0.3 – 0.5 Mpa        |
| <b>Water Pressure</b>                | 0.15 – 0.3 Mpa       |
| <b>Power Consumption</b>             | 22 kW                |
| <b>Sterilization Time</b>            | 0 – 999 min          |
| <b>Sterilization Pressure</b>        | 0 – 0.25 Mpa         |
| <b>Sterilization Temperature</b>     | 105 – 138 °          |
| <b>Chamber Dimension (W x H x D)</b> | 900 x 1380 x 8100 mm |

|                                       |                       |
|---------------------------------------|-----------------------|
| <b>External Dimension (W x H x D)</b> | 1850 x 2200 x 9600 mm |
|---------------------------------------|-----------------------|