



Horizontal Autoclave LHA-D20

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Overview

Horizontal Autoclave LHA-D20 with 150 L capacity and jacket is made of s30408 stainless steel material. Control system to automatically control working of the device and color touch screen display to show working parameters. With safety features like motorized interlock door system, over pressure and over temperature protection.

Features :

150 L volume capacity

Horizontal chamber for efficient loading and unloading of items

Air filter with filtering accuracy of $\leq 0.22 \mu\text{m}$

Double door channel type with pressure interlock system

High quality and tear resistant silicone rubber material round hollow door seal ring

Sanitary pipeline ensures a reliable and hygienic seal during the sterilization process

Pneumatic control valve with long life

Water ring vacuum pump with fast pumping speed

Water tank reduces circulating water consumption of vacuum pump

Automatic drainage device ensures steam saturation

Alarm to alert user about over and low temperature and over pressure

Specifications :

Capacity	150 L
Operating temperature	150 °C
Maximum working temperature	138 °C
Maximum working pressure	0.25 MPa
Inner chamber operating pressure	-0.1 to 0.3 MPa
Jacket operating pressure	0.3 MPa
Opening pressure of inner chamber safety valve	0.28 MPa
Opening pressure of jacketed safety valve	0.28 MPa
Inner chamber hydrostatic test pressure	0.39 MPa
Jacket test pressure	0.52 MPa
Temperature display accuracy	0.1 °C
Pressure display accuracy	0.1 KPa
Temperature uniformity	± 1 °C
Time of vacuum pulsation	1 to 99 times
Amplitude of vacuum pulsation	- 80 to 0 kPa
Number of pulsations	Amplitude - 80 to 80 kPa, times 1
Times of positive pressure fluctuation	1 to 3
Ultimate vacuum	-97 KPa
Surface temperature	≤ 25 °C
Steam consumption	12 kg/C

Power	380 V, 50 HZ 2 + 24 KW
Tank dimensions (W × D × H)	450 × 800 × 450 mm
Overall dimensions	1160 × 1150 × 1820 mm
Weight	550 kg

Applications :

Horizontal Autoclave is widely used in hospitals, pharmaceutical factories, food industries, scientific research institutes and other units to sterilize and dry clothing, dressings, metal instruments, culture medium, etc.



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