Horizontal Autoclave
LHA-I1 Series

Horizontal Autoclave LHA-I10

Horizontal Autoclave LHA-I10 is a PLC system controlled fully automatic horizontal vacuum sterilizer, offers 60 L capacity with 150°C design temperature and 0.26 MPa of design pressure. With built-in high quality water ring pump and internal circulation structure, features automatic process of pulsation, temperature rise, sterilization and drying. Designed with SUS304 stainless steel chamber, touch screen display and multiple protective devices, has unique pulsating vacuum procedure for drying. Equipped with anti-dry burning device and fault alarm system, has cycle counting function and beep prompts along with a micro-printer for whole process data recording.

Horizontal Autoclave LHA-I11

Horizontal Autoclave LHA-I11 is a PLC system controlled fully automatic horizontal vacuum sterilizer, offers 80 L capacity with 150°C design temperature and 0.26 MPa of design pressure. With built-in high quality water ring pump and internal circulation structure, features automatic process of pulsation, temperature rise, sterilization and drying. Designed with SUS304 stainless steel chamber, touch screen display and multiple protective devices, has unique pulsating vacuum procedure for drying. Equipped with anti-dry burning device and fault alarm system, has cycle counting function and beep prompts along with a micro-printer for whole process data recording.

Horizontal Autoclave LHA-I12

Horizontal Autoclave LHA-I12 is a PLC system controlled fully automatic horizontal vacuum sterilizer, offers 120 L capacity with 150°C design temperature and 0.26 MPa of design pressure. With built-in high quality water ring pump and internal circulation structure, features automatic process of pulsation, temperature rise, sterilization and drying. Designed with SUS304 stainless steel chamber, touch screen display and multiple protective devices, has unique pulsating vacuum procedure for drying. Equipped with anti-dry burning device and fault alarm system, has cycle counting function and beep prompts along with a micro-printer for whole process data recording.

Horizontal Autoclave LHA-I14

Horizontal Autoclave LHA-I14 is a PLC system controlled fully automatic horizontal vacuum sterilizer, offers 180 L capacity with 150°C design temperature and 0.26 MPa of design pressure. With built-in high quality water ring pump and internal circulation structure, features automatic process of pulsation, temperature rise, sterilization and drying. Designed with SUS304 stainless steel chamber, touch screen display and multiple protective devices, has unique pulsating vacuum procedure for drying. Equipped with anti-dry burning device and fault alarm system, has cycle counting function and beep prompts along with a micro-printer for whole process data recording.

Features

❑ PLC system controlled fully automatic horizontal vacuum sterilizer with different capacity

❑ 150°C design temperature and 0.26 MPa of design pressure, ensures precise sterilization

❑ Built-in high quality water ring pump and internal circulation structure, optimal results

❑ Automatic process of pulsation, temperature rise, sterilization and drying

❑ SUS304 stainless steel chamber, long life-span with easy maintenance and cleaning

❑ Touch screen display, easy and convenient setting and monitoring of different parameters

❑ Multiple protective devices, ensures safety of user and prolonged equipment lifespan

❑ Unique pulsating vacuum procedure for drying, suitable for heat-sensitive material

❑ Anti-dry burning device, automatically display alarm information for low water level

❑ Fault alarm system, displays fault information in real-time

❑ Cycle counting function, to autoclaving large volumes of liquid in a timely manner

❑ Beep prompts on completion of sterilization cycle

❑ Micro-printer for whole process data recording, ensures easy data processing and analysis

❑ High-efficient, stable and reliable unit with precise and accurate operation

Application

Horizontal Autoclave is used to sterilize the packed, the unpacked, the solid instruments, the hollow (class A and class B) instruments, the instruments with pipelines, the implants and the other high-temperature and high-pressure resistance articles across the dental departments, the ophthalmology departments, the operating rooms, the laboratories, etc.

Specifications (LHA-I10 and LHA-I11)

Model	LHA-I10	LHA-I11
Capacity	60 L	80 L
Design Temperature	150°C	
Design Pressure	0.26 MPa	
Sterilization Temperature Range	105 to 136°C	
Temperature Display Accuracy	0.1°C	
Temperature Uniformity	≤ ± 0.5°C	
Maximum working pressure	0.23 MPa	
Display	Touch Screen	
Controller	PLC control system	
Protection Devices	Anti-dry burning device; Over-temperature; Over pressure; Door safety interlock device	
Parameter Settings	Automatic	
Chamber Material	SUS304 stainless steel chamber	
Water Source	Distilled Water/ Tap Water	
Power Supply	220 V, 50 Hz	
Power	7.6 kW	
Chamber Dimension (Φ×L)	340×680 mm	370×755 mm
Dimension (L×W×H)	7800×480×1450 mm	870×540×1450 mm
Net Weight	175 kg	185 kg

Specifications (LHA-I12 and LHA-I14)

Model	LHA-I12	LHA-I14
Capacity	120 L	180 L
Design Temperature	150°C	
Design Pressure	0.26 MPa	
Sterilization Temperature Range	105 to 136°C	
Temperature Display Accuracy	0.1°C	
Temperature Uniformity	≤ ± 0.5°C	
Maximum working pressure	0.23 MPa	
Display	Touch Screen	
Controller	PLC control system	
Protection Devices	Anti-dry burning device; Over-temperature; Over pressure; Door mechanical pressure interlock device	
Parameter Settings	Automatic	
Chamber Material	SUS304 stainless steel chamber	
Water Source	Distilled Water/ Tap Water	
Power Supply	380 V, 50 Hz	
Power	10.2 kW	
Chamber Dimension (Φ×L)	500×665 mm	500×910 mm
Dimension (L×W×H)	880×650×1450 mm	1180×655×1550 mm
Net Weight	252 kg	360 kg