



LABORATORY HORIZONTAL AUTOCLAVE

LABORATORY HORIZONTAL AUTOCLAVE

We offer a variety of horizontal laboratory autoclaves for general purpose sterilization applications. Customers to choose from the range depending upon their application, volume and budgetary requirements. Features are designed specifically for lab based sterilizations used in research laboratories, pharmaceuticals, microbiology labs, food and chemical industries. High performance, reliable results and a longer life makes it an ideal choice.

Used in Bulk sterilization, Microbiology Lab, Research Institutions, Laboratory, Pharmaceutical, Food industry, Chemical industry.

Also known as Laboratory Sterilizer, Horizontal Pressure Sterilizer, Laboratory Horizontal Autoclave,.

400 HORIZONTAL AUTOCLAVE



- PLC industrial control system
- Five levels of authority management
- Equally Column Door Locking Device
- Automatic door lock
- New water level monitoring system
- Emergency stop switch
- Overvoltage protection
- Automatic fault detection system
- Six-stage exhaust
- Zero steam emissions
- Air filtration
- Vacuum drying Function
- Water cooling
- Independent steam generator
- Pulsed pre-vacuum vacuum drying
- Fast sterilization, one hour complete for solid mode
- Evenly distributed inter locker, safety valve, over pressure protection
- Accessory: Stainless steel with wheels(x2), storage plate
- Option: Load thermometer, printer, water supply pressure sensor, trolley, 3Q interface, 3Q/4Q calibration
- Option: Material can be updated to SUS316, controller updated to Siemens industrial control system

SPECIFICATIONS

Model	BAHZ-401-A	BAHZ-402-A
Capacity	180 L	280 L
Function	Drying, Water cooling	
Sterilization Temperature	115-135°C	
Sterilization Time	1-6000 min	
Sterilization mode	Fabric, Device, Liquid, B-D test, Vacuum test, Self-defined	
Working Pressure	0.25 Mpa	
Pressure Gauge	-0.1-0.5 Mpa	
Vacuum degree	≤-93 kpa	
Vacuum leakage rate	<0.13 kpa/min	
Drying time range	0-300 min	
Pulse times	1-99 times	

Chamber Dimension	500x1000 mm	600x1000 mm
Overall Dimension (LxWxH)	800Lx1450Wx1500H mm	
Chamber Material	SUS304	
Safety valve popping pressure	0.29 Mpa	
Weight	650 kg	720 kg
Power	16000 W	
Power Supply	Three phase five wire system, 380 V, 50/60 Hz	



BAHZ-401-A



BAHZ-402-A

400 HORIZONTAL AUTOCLAVE



- PLC industrial control system
- Five levels of authority management
- Equally Column Door Locking Device
- Automatic door lock
- New water level monitoring system
- Emergency stop switch
- Overvoltage protection
- Automatic fault detection system
- Six-stage exhaust
- Zero steam emissions
- Air filtration
- Independent steam generator
- Pulsed pre-vacuum vacuum drying
- Fast sterilization, one hour complete for solid mode
- Evenly distributed inter locker, safety valve, over pressure protection
- Accessory: Stainless steel with wheels(x2), storage plate
- Option: Load thermometer, printer, water supply pressure sensor, trolley, 3Q interface, 3Q/4Q calibration
- Option: Material can be updated to SUS316, controller updated to Siemens industrial control system

SPECIFICATIONS

Model	BAHZ-401-B	BAHZ-402-B
Capacity	180 L	280 L
Sterilization Temperature	115-135°C	
Sterilization Time	1-6000 min	
Sterilization mode	Fabric, Device, Liquid	
Working Pressure	0.25 Mpa	

Pressure Gauge	-0.1-0.5 Mpa	
Vacuum degree	≤-93 kpa	
Vacuum leakage rate	<0.13 kpa/min	
Pulse times	1-99 times	
Chamber Dimension	500x1000 mm	600x1000 mm
Overall Dimension (LxWxH)	800Lx1450Wx1500H mm	
Chamber Material	SUS304	
Safety valve popping pressure	0.29 Mpa	
Weight	650 kg	720 kg
Power	16000 W	
Power Supply	Three phase five wire system, 380 V, 50/60 Hz	



BAHZ-401-B



BAHZ-402-B

800 HORIZONTAL AUTOCLAVE



Sterilizing programs for fabric, instrument, rubber and liquid

Touch screen display of temperature, pressure, time, running status and failure warning

Post-drying function makes the residual humidity of sterilized articles less than 3%

The positive pressure air-exhaust system to exhaust the cold air from chamber

Equipped with printer to print date, time and process parameters

Build-in efficient steam generator, microcomputer temperature control

Perfect four-level authority management system to avoid misoperation

Double door optional

SPECIFICATIONS

Model	BAHZ-801-A	BAHZ-801-B	BAHZ-801-C
Capacity	100 L	135 L	185 L
Chamber Size	Φ400x850 mm	Φ500x710 mm	Φ500x950 mm
Chamber Material	SUS304		
Max Working Pressure	0.23 Mpa		
Vacuum Limit	-0.08 Mpa		
Working Temperature.	115-138°C		
Temp Accuracy	10.1°C		
Consumption	11 KW	11.5 KW	
Power Supply	380 V,50 Hz		
External Size(Lx Wx H)	1250x730x1660 mm	1110x750x1742 mm	1350x750x 1742 mm

Package Size(L x W x H)	1500x900x2050 mm	1370x1000x2060 mm	1510x890x2060 mm
Gross Weight	310 kg	470 kg	540 kg
Max Designed Pressure	-	-	-
Working Pressure	-	-	-
Vaccum System	-	-	-
Noise	-	-	-

Model	BAHZ-801-D	BAHZ-801-E
Capacity	300 L	360 L
Chamber Size	Φ632x1000 mm	Φ650x1130 mm
Chamber Material	SUS304	S30408
Max Working Pressure	0.23 Mpa	-
Vacuum Limit	-0.08 Mpa	-
Working Temperature.	115-138°C	105-134°C
Temp Accuracy	10.1°C	-
Consumption	18 KW	20 kVA
Power Supply	380 V,50 Hz	
External Size(Lx Wx H)	1400x890x1780mm	1570x1170x1980 mm
Package Size(L x W x H)	1700x1050x2090 mm	1755x1330x2270 mm
Gross Weight	830 kg	770 kg
Max Designed Pressure	-	-0.1/0.3 Mpa
Working Pressure	-	0.23 Mpa
Vaccum System	-	Water circulating vaccum pimp
Noise	-	≤ 85 dB



BAHZ-801-A



BAHZ-801-B



BAHZ-801-C



BAHZ-801-D



BAHZ-801-E

800 HORIZONTAL AUTOCLAVE



SPECIFICATIONS

Model	BAHZ-810-A	BAHZ-810-B
Capacity	450 L	650 L
Chamber Size (Wx H x L)	672x672x1000 mm	672x672x1500 mm
External Size (WxHxL)	1314x1260x1980 mm	
Max Designed Pressure	Inner chamber - 0.1/0.3 Mpa, Jacket 0.3MPa	
Working Pressure	0.23 Mpa	
Built - in Steam Generator	0.8 Mpa	
Designed Temperature	150 °C	
Maximum Working Temperature	134 °C	
Temperature Control Precision	± 0.2 °C	
Consumption	35kVA	56kVA
Standard Accessories	Trolley, Printer	
Altitude	≤ 2000m; could be customised @ 2000-3000m	
Power Supply	380 V 50 Hz	
Package Size	Main Instrument: 1424x1460x2295; Trolley: 1360x640x1245	Main Instrument: 1424x1460x2295; Trolley: 1860x640x1245
Gross Weight	Main Instrument: 1220; Trolley: 110	Main Instrument: 1440; Trolley: 130



BAHZ-810-A



BAHZ-810-B



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com