



LABORATORY
VERTICAL AUTOCLAVE

LABORATORY VERTICAL AUTOCLAVE

We offer a variety of vertical laboratory autoclaves for general purpose sterilization applications. Customers can 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.

100 SERIES VERTICAL AUTOCLAVE



- Stainless steel structure
- Hand wheel type / Screw type
- Door safety lock system
- Digital Display
- Automatic exhaust system for cold air and pressure
- Over-temperature and over-pressure auto-protection
- Alarm function for completion of process and low water level
- Self-inflating type seal
- Optional: Drying system

SPECIFICATIONS

Model	BAVT-101	BAVT-102	BAVT-103	BAVT-104
Capacity	35L	50 L	75 L	100 L
Temperature Range	105~134°C			
Sterilization Temperature	134°C			
Heat Average	±1°C			
Working Pressure	0.22 MPa			
Maximum Working Pressure	0.23 Mpa			
Timer Range	0~60 min			
Overall Dimension (LxWxH)	480x460x850 mm	520x520x980 mm	560x560x980 mm	590x590x1080 mm
Packing Size	570x550x970 mm	590x590x1110 mm	650x630x1150 mm	680x650x1220 mm
Weight	42 / 56 kg	50 / 68 kg	70 / 90 kg	85 / 105 kg
Power	2500 W	3000 W	4500 W	
Power Supply	AC220V 50Hz			

300 SERIES VERTICAL AUTOCLAVE



- Microcomputer control system
- Unique anti scald design chamber for corrosion resistance
- Stainless steel chamber
- Five sterilization model
- User friendly control panel
- Multi layered pressure protection
- Fully automatic internal discharge control embedded with a steam trapping bottle
- Automatic checking of locking condition of cover
- Automatic sterilization according to preset time
- Safety device: Self-induction pressure interlocking device, over temperature protection system, dry scorch protection system, overpressure protection, safety valve, over current and short circuit protection, cover inspection system, leakage protection device, anti-scald safety protection and automatic troubleshooting system

SPECIFICATIONS

Model	BAVT-301-A	BAVT-301-B	BAVT-301-C	BAVT-302-A
Capacity	36 L			54 L
Function	Fully automatic, Drying function	Fully automatic	Fully automatic, No flow chart	Fully automatic, Drying function
Temperature Range	5°C-138°C			
Adjustment of Temperature	5 °C-40 °C			-
Sterilization Temperature	105-135°C			
Warming Temperature	45-60°C			
Warming Time	1-9999 min			
Melting Temperature	60-100			
Melting Time	1-300 min			
Humidity Range	10%-85% RH			
Working Pressure	0-0.6 MPa			
Chamber Dimension	320×530 mm			320×730 mm
Overall Dimension (LxWxH)	460x542x1070 mm			
Weight	76/110 kg			80/120 kg
Power	2300 W			2900 W
Power Supply	220 V, 50Hz/60Hz			220 V, 60Hz

Model	BAVT-302-B	BAVT-302-C	BAVT-303-A	BAVT-303-B
Capacity	54 L		80 L	
Function	Fully automatic	Fully automatic, No flow chart	Fully automatic, Drying function	Fully automatic
Temperature Range	5°C-138°C			
Adjustment of Temperature	-	-	-	-
Sterilization Temperature	105-135°C			
Warming Temperature	45-60°C			
Warming Time	1-9999 min			
Melting Temperature	60-100			
Melting Time	1-300 min			

Humidity Range	10%-85% RH	
Working Pressure	0-0.6 MPa	
Chamber Dimension	320×730 mm	400×700 mm
Overall Dimension (LxWxH)	460x542x1070 mm	620x680x1040 mm
Weight	80/120 kg	140/180 kg
Power	2900 W	4600 W
Power Supply	220 V, 60Hz	

Model	BAVT-303-C	BAVT-304-A	BAVT-304-B	BAVT-304-C
Capacity	80 L	100 L		
Function	Fully automatic, No flow chart	Fully automatic, Drying function	Fully automatic	Fully automatic, No flow chart
Temperature Range	5°C-138°C			
Adjustment of Temperature	-	-	-	-
Sterilization Temperature	105-135°C			
Warming Temperature	45-60°C			
Warming Time	1-9999 min			
Melting Temperature	60-100			
Melting Time	1-300 min			
Humidity Range	10%-85% RH			
Working Pressure	0-0.6 MPa			
Chamber Dimension	400×700 mm	400×800 mm		
Overall Dimension (LxWxH)	620x680x1040 mm	620x680x1140 mm		
Weight	140/180 kg	145/185 kg		
Power	4600 W			
Power Supply	220 V, 60Hz			

ACCESSORIES

Accessory Code	Name
BX-103570	Stainless steel baskets
BX-103571	Drainage hose
BX-103572	Exhaust bottle

OPTIONAL ACCESSORIES

Accessory Code	Name
BX-103573	Printer
BX-103574	Printing set
BX-103575	Load thermometer
BX-103576	Cooling fan
BX-103577	Temperature controller
BX-103578	Temperature sensor
BX-103579	Pressure Sensor
BX-103580	Heater
BX-103581	Sealing ring

Accessory Code	Name
BX-103582	Pressure gauge
BX-103583	Stainless steel pail
BX-103584	Relay
BX-103585	Main board
BX-103586	Display board
BX-103587	Jiggle switch
BX-103588	Handle
BX-103589	Pressure switch
BX-103590	Solenoid Valve

400 SERIES VERTICAL AUTOCLAVE



- Microcomputer control system
- Stainless steel chamber
- Six sterilization modes
- Resin coated insulation of Chamber cover and bench to avoid hand burns
- User friendly control panel
- Waste sterilization mode and drying function
- Rounded corners avoid collisions and injuries
- Automatic sterilization according to preset time
- Temperature and pressure calibration interface
- Convenience of frequent water feeding
- Automatic monitoring of the discharge conditions of cold air
- Automatic opening of the vent valve to discharge steam on completion of sterilization procedure
- Fully automatic internal discharge control embedded with a steam trapping bottle
- Safety function: "Eight-column evenly distributed" interlocking device, electric double inner locks, dry scorch protection, overpressure protection, safety valve, over temperature protection, overcurrent and short circuit protection, leakage protection, cooling lock, anti-scald chamber cover and bench, automatic troubleshooting

SPECIFICATIONS

Model	BAVT-401-A	BAVT-401-B	BAVT-401-C
Capacity	60 L		
Function	Fully automatic, Automatic water feeding, Fast cooling fan, Drying function	Fully automatic, Automatic water feeding, Fast cooling fan	Fully automatic
Sterilization Temperature	105-138°C		
Sterilization Time	1-300 min		
Warming Temperature	45-60°C		
Warming Time	1-9999 min		
Melting Temperature	60-100		
Melting Time	1-300 min		
Steam Exhausting Temperature	73-104°C		
Humidity Range	10%-85% RH		
Working Pressure	0-0.6 MPa		
Maximum Working Pressure	0.27 MPa		
Timer Range	0 minute-6 days		
Chamber Dimension	400×505 mm		
Overall Dimension (LxWxH)	660x644x980 mm		
Weight	101/140 kg		
Power	2900 W		
Power Supply	220 V, 60Hz		

Model	BAVT-402-A	BAVT-402-B	BAVT-402-C
Capacity	85 L		
Function	Fully automatic, Automatic water feeding, Fast cooling fan, Drying function	Fully automatic, Automatic water feeding, Fast cooling fan	Fully automatic
Sterilization Temperature	105-138°C		
Sterilization Time	1-300 min		
Warming Temperature	45–60°C		
Warming Time	1–9999 min		
Melting Temperature	60-100		
Melting Time	1-300 min		
Steam Exhausting Temperature	73–104°C		
Humidity Range	10%-85% RH		
Working Pressure	0-0.6 MPa		
Maximum Working Pressure	0.27 MPa		
Timer Range	0 minute-6 days		
Chamber Dimension	400×700 mm		
Overall Dimension (LxWxH)	660x644x980 mm		
Weight	113/160 kg		
Power	4600 W		
Power Supply	220 V, 60Hz		

Model	BAVT-403-A	BAVT-403-B	BAVT-403-C
Capacity	110 L		
Function	Fully automatic, Automatic water feeding, Fast cooling fan, Drying function	Fully automatic, Automatic water feeding, Fast cooling fan	Fully automatic
Sterilization Temperature	105-138°C		
Sterilization Time	1-300 min		
Warming Temperature	45–60°C		
Warming Time	1–9999 min		
Melting Temperature	60-100		
Melting Time	1-300 min		
Steam Exhausting Temperature	73–104°C		
Humidity Range	10%-85% RH		
Working Pressure	0-0.6 MPa		
Maximum Working Pressure	0.27 MPa		
Timer Range	0 minute-6 days		
Chamber Dimension	400×895 mm		
Overall Dimension (LxWxH)	660x644x1180 mm		
Weight	125/170 kg		
Power	4600 W		
Power Supply	220 V, 60Hz		

ACCESSORIES

Accessory Code	Name
BX-103570	Stainless steel baskets
BX-103571	Drainage hose
BX-103572	Exhaust bottle

OPTIONAL ACCESSORIES

Accessory Code	Name
BX-103573	Printer
BX-103574	Printing set
BX-103575	Load thermometer
BX-103576	Cooling fan
BX-103577	Temperature controller
BX-103578	Temperature sensor
BX-103579	Pressure Sensor
BX-103580	Heater
BX-103581	Sealing ring

Accessory Code	Name
BX-103582	Pressure gauge
BX-103583	Stainless steel pail
BX-103584	Relay
BX-103585	Main board
BX-103586	Display board
BX-103587	Jiggle switch
BX-103588	Handle
BX-103589	Pressure switch
BX-103590	Solenoid Valve



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