

# VERTICAL AUTOCLAVE AUT12-110A



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Laboratory Vertical Autoclave is designed to accommodate a wide range of applications. The user can choose to add the features needed according to intended use. Features are designed specifically for lab based sterilizations used in pharmaceuticals, microbiology labs, research laboratories, food and chemical industries. Very reliable and convenient method of sterilization.

Used in Food industry, Chemical industry, Research, Laboratory, Pharmaceutical.

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

## AUT12-110A 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	AUT12-110A
Capacity	110 L
Function	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	Description
LS54437	Stainless steel baskets	
LS54449	Drainage hose	
LS54461	Exhaust bottle	

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS54473	Printer	
LS54485	Printing set	
LS54497	Load thermometer	
LS54509	Cooling fan	
LS54521	Temperature controller	
LS54533	Temperature sensor	
LS54545	Pressure Sensor	
LS54557	Heater	
LS54569	Sealing ring	

Accessory Code	Name	Description
LS54581	Pressure gauge	
LS54593	Stainless steel pail	
LS54605	Relay	
LS54617	Main board	
LS54629	Display board	
LS54641	Jiggle switch	
LS54653	Handle	
LS54665	Pressure switch	
LS54677	Solenoid Valve	

# ***Centrifugen***

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