

VERTICAL AUTOCLAVE



VERTICAL AUTOCLAVE

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,.

AUT11 VERTICAL AUTOCLAVE

Microcomputer control system

Unique anti scald design chamber for corrosion resistance

Stainless steel chamber

Five sterilization modes

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	AUT11-036ADF	AUT11-036AD	AUT11-036A	AUT11-054ADF
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	AUT11-054AD	AUT11-054A	AUT11-080ADF	AUT11-080AD
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	AUT11-080A	AUT11-100ADF	AUT11-100AD	AUT11-100A
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	Description
LS54437	Stainless steel baskets	
LS54449	Drainage hose	
LS54461	Exhaust bottle	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS54473	Printer	
LS54485	Printing set	

Accessory Code	Name	Description
LS54581	Pressure gauge	
LS54593	Stainless steel pail	

LS54497	Load thermometer	
LS54509	Cooling fan	
LS54521	Temperature controller	
LS54533	Temperature sensor	
LS54545	Pressure Sensor	
LS54557	Heater	
LS54569	Sealing ring	

LS54605	Relay	
LS54617	Main board	
LS54629	Display board	
LS54641	Jiggle switch	
LS54653	Handle	
LS54665	Pressure switch	
LS54677	Solenoid Valve	



AUT11-036ADF



AUT11-036AD



AUT11-036A



AUT11-054ADF



AUT11-054AD



AUT11-054A



AUT11-080ADF



AUT11-080AD



AUT11-080A



AUT11-100ADF



AUT11-100AD



AUT11-100A

AUT12 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	AUT12-060ADC	AUT12-060AC	AUT12-060A
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	AUT12-085ADC	AUT12-085AC	AUT12-085A
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	AUT12-110ADC	AUT12-110AC	AUT12-110A
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	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	



AUT12-060ADC



AUT12-060AC



AUT12-060A



AUT12-085ADC



AUT12-085AC



AUT12-085A



AUT12-110ADC



AUT12-110AC



AUT12-110A



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