

# VERTICAL AUTOCLAVE AUT12-110AC



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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,.

## AUT12-110AC 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                        | AUT12-110AC  |
|------------------------------|--|
| Capacity                     | 110 L  |
| Function                     | Fully automatic, Automatic water feeding, Fast cooling fan |
| 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       |             |



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