Vertical Pressure Steam Sterilizer

LED Display,Built-in Water Tank





Pressure Gauge



Standard SS Basket

Application

The Vertical Autoclave is a small type automatic, high-temperature and high-pressure sterilization device that using pressure steam as the medium. It is suitable for various levels of biological research institutions such as biological laboratories. It is used for sterilizing items such as fabrics, instruments, rubber, liquids, culture medium and waste materials.

Description

- Multi Safety Features

-Overheat protection: automatically cutting off heating with audible and visual indication when the autoclave is overheated.

-Anti-burning protection: automatically cutting off heating with audible and visual indication when the autoclave is lack of water.

-Interlock safety: preventing from starting a cycle if door is not properly closed or from door opening if there is pressure inside chamber.

-Steam pressure safety valve: automatically works when the chamber pressure exceeds the limit.

- Automatic operation of sterilization with PID microprocessor control and LED display.
- Positive pulsing function removes the air efficiently.
- Automatic air discharge control prevents boil over of liquids and explosions of bottles.
- With Power-off memory function.

Specification

Model	ST-V50	ST-V80	ST-V100
Capacity	50 L	80 L	100 L
External Size(W×D×H)	476×616×990 mm	546×688×1030 mm	566×708×1295 mm
Chamber Size(Ø×H)	316×667 mm	386×695 mm	400×800 mm
Chamber Material	SUS304		
Sterilization Temperature	105–136 °C		
Designed Temperature	150 °C		
Max.Working Temperature	136 °C		
Dissolution Temperature	40–100 °C		
Warming Temperature	40–60 °C		
Temp.Accuracy	0.1 °C		
Designed Pressure	0.3 MPa		
Max.Sterilization Pressure	0.23 MPa		
Sterilization Time Range	0–99 min		
Temp. Controller	PID control by microprocessor		
Display	LED display		
Drying Function	YES		
Drying Time	15 min		
Sterilization Program	1.High temperature instrument program; 2.Low temperature instrument program; 3.Culture medium sterilization warming program; 4.Culture medium dissolution warming program.		
Water Injection Method	Built-in water tank		
Consumption	3 kW	4.5 kW	5.4 kW
Power Supply	AC 220/110 V, 50/60 Hz		
Standard SS Basket	2 pcs		
Net Weight	68 kg	92 kg	100 kg
Gross Weight	103 kg	127 kg	140 kg
Shipping Size(W×D×H)	730×830×1250 mm	800×880×1300 mm	800×880×1480 mm

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