

35L-150L Tabletop Portable Automatic Large Vertical High Pressure Steam Autoclave Sterilizer 105°C-134°C



1 GENERAL

LS-35LD, LS-50LD, LS-75LD, LS-100LD, LS-120LD, LS-150LD counter pressure sterilizer is microcomputer-program -controlled, which is adopts electric heating method. The water is directly injected into the sterilization chamber to heat, and generates the high-pressure steam required for sterilization purpose. After the sterilization is finished, the compressed air is externally supplied for proceed the cooling for 3 minutes, the temperature inside would lower 30~40°C. The sterilizer is designed to perform both boiling sterilization and rapid cooling pressure sterilization. The boiling range is set at $\leq 100^{\circ}\text{C}$. The rapid cooling pressure sterilization range temperature is pre-selected from 105°C to 134°C . The heating tubes are provided with overload protection ,and the buzzer would alarm to indicate the

sterilizing end. It is easy to operate, safe and reliable, which is suitable for disinfection and sterilization of food packaging and utensils, equipment and other items and especially suitable applying in food research institutes for sterility testing.

The sterilizer is equipped with safety valve, which would automatically release while the pressure exceed 0.25mpa, and the power supply would directly be cut off while the temperature exceed 140 °C . And also with over-current loading protection, safe and reliable.

2 BASIC PARAMETER

MODEL	Chamber size(L)	Rating worki	Rating worki	Rating input	timer (min)	Pressure (mpa) / Temperat	DIMENSION (CM)	G. W/N. W (kg)
LS-35LD	35	0.22	134	1×2.5	0~99	0.07~0.22/ 105~134	48×46×85	56/42
LS-50LD	50			2×1.5			52×52×98	65/55
LS-75LD	75			3×1.5			56×56×98	90/70
LS-100LD	100						59×59×108	105/85
LS-120LD	120			3×2			60×64×114	125/100
LS-150LD	150						67×69×114	135/110

Table 1 basic parameter

3 CHARACTERISTICS

- Equipped with a pressure/temperature controller, the pressure setting range is 0.07 to 0.22MPa (corresponding to a saturated steam temperature of 115 to 134° C).
- Equipped with safety valve, by the sterilizing pressure exceed the allowable figure, which would release the pressure automatically.
- Equipped with immersed heating tube, with anti-dry function, while the water is in low level, the unit would cut off the power to stop the heating and alarm