



Horizontal Pulse Vacuum Steam Sterilizer



Use

The sterilizer works on pressurized saturated steam for sterilization of items, eliminating the impact of cold air on the temperature by means of pulsating vacuum exhaust, and eventually drying the items by vacuum dehumidification realized in a jacket. It utilizes the physical property that pressurized saturated steam can release a large amount of latent heat when condensing, rendering the items to be sterilized under high temperature and humidity. The purpose of sterilization is attained after a period during which the bio-structure of all the germs in the items are completely destroyed. It is mainly used in hospitals, chemical industry, food, scientific research, pharmaceutical and other units for disinfection and sterilization of surgical instruments, dressings, medicines, culture medium, food, etc.

Characteristics

- ◆ Automatically controlled the sterilizing process, easy to operate.
- ◆ With three or more pulsating vacuums, it is suitable for all kinds of packaged, unpackaged, porous instruments with internal pipelining system.
- ◆ The sterilizer is equipped with a steam generator, with a set of mobile sterilization trays.
- ◆ The inner chamber of the sterilizer is a circular double-layer design, which is composed of a sterilization chamber and a jacket, and capable of deep drying.
- ◆ With printing function and the printer can record the whole process of sterilization.
- ◆ With Bowie&Dick test function for steam penetration test. Automatic fault detection is also enabled, which is convenient for self-maintenance.
- ◆ With over-temperature, over-pressure auto-protect.
- ◆ The door can not be open until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started on if the door doesn't close well.
- ◆ The safety valve will be open automatically when the inner pressure over 0.24MPa and the steam would be exhausted the water tank.
- ◆ Automatically cut off the power if the water-lack happened, and alarm at the meanwhile.
- ◆ Sealed doors: Doors are opened and closed manually, using the radiation rod turntable type, equipped with secondary self-locking and interlocking safety devices, single door design (double-door design optional), with pressure safety interlocking device.
- ◆ The chamber of the sterilizer is made of stainless steel.

Technical Data

MODEL	WS-100YV	WS-150YV	WS-200YV	WS-300YV
Technical Data				
Sterilizing chamber volume	100L φ 440 × 670mm	150L φ 440 × 1000mm	200L φ 515 × 1000mm	300L φ 600 × 1080mm
Working pressure	0.22MPa			
Working temperature	134℃			
Temperature adjust range	115~134℃			
Time for sterilization	0~99min			
Time for drying	0~99min			
Heat average	≤ ± 2℃			
Vacuum limit	-0.08MPa			
Power	10KW/AC380V.50Hz	10KW/AC380V.50Hz	10KW/AC380V.50Hz	13KW/AC380V.50Hz
Dimension(mm)	1400 × 660 × 1640	1400 × 660 × 1640	1400 × 750 × 1740	1520 × 850 × 1850
Transport dimension(mm)	1560 × 820 × 1820	1560 × 820 × 1820	1560 × 910 × 1880	1680 × 1080 × 2100
G.W/N.W	430kg / 340kg	440kg / 350kg	460kg / 370kg	580kg / 470kg