



LABORATORY HORIZONTAL AUTOCLAVE BKK-1301

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HORIZONTAL PULSE VACUUM STEAM STERILIZER



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 an 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 a printing function 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.

SPECIFICATIONS

Model	BKK-1301
Capacity	100L
Sterilization Temperature	134°C
Working Pressure	0.22 MPa
Features	
Chamber volume	100L $\Phi 440 \times 670$ mm
Temperature adjust range	115-134°C
Time for sterilization	0-99min
Time for drying	0-99min
Heat average	$\leq \pm 2^\circ\text{C}$
Vacuum limit	-0.08MPa
Power	10KW/AC380V 50HZ
Dimension(mm)	1400x660x1640
Transport dimension(mm)	1560x820x1820
G.W/N.W	430Kg/340Kg
Alt Name	Horizontal Pulse Vacuum Steam Sterilizer

FEATURES

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With over-temperature, over-pressure auto-protect.

The door can not be opened until the pressure in the chamber is reduced to 0.027MPa. And the unit can not be started if the door doesn't close well.

The safety valve will be opened automatically when the inner pressure is over 0.24MPa and the steam would be exhausted in the water tank.

Automatically cut off the power if the water leak happens, and alarm in 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.

APPLICATIONS

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.



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