

SDL-D0313

HORIZONTAL CYLINDRICAL PRESSURE STEAM STERILIZER



SDL-D0313

FEATURES AND HIGHLIGHTS

- Sterilization process is automated, requiring no supervision and is easy to use.
- Equipped with drying function, ensuring that sterilized items are dried.
- Comes with over-temperature and over-pressure automatic protection devices.
- Equipped with automatic over-temperature and over-pressure protection devices.
- Safety interlock device: Steam cannot enter the inner chamber and an alarm will sound if the door is not tightly closed. The door is locked when the chamber's pressure exceeds 0.027Mpa and cannot be opened.
- Features over-pressure protection as well as high and low water level protection, and overcurrent protection devices.



Technical parameters

- Environment temperature +5°C~+40°C
- Relative humidity ≤85%RH
- Atmospheric pressure 70kPa~106 kPa
- Working power supply AC 220V±22V, 50Hz±1Hz (control system)
AC 380V±38V, 50Hz±1Hz (heating system)
- Steam source pressure
Range: 0.3MPa ~ 0.6MPa, pressure fluctuation not greater than ±10%
(when heated by an external steam source)

Sterilization chamber volume	Sterilization chamber size	Rated working pressure MPa	Rated operating temperature	Sterilization time range	Rated input power	Dimensions	N.W/G.W (kg)
					KW		
L	mm	0.22	134	0~60	18	180×105×200	660/950
500	φ 700×1300				-0.01		
400	φ 660×1200				15	170×95×190	550/850
					-0.01		
280	φ 600×1000				12	150×85×185	460/700
					-0.01		
200	φ 515×1000	9	145×70×170	350/500			
		-0.01					
150	φ 480×850	9	142×60×160	280/350			
		-0.01					

Working principle

Horizontal pressure sterilizer, the use of gravity replacement to exclude the cold air in the inner chamber, so that the inner chamber of the cold air content of steam is less, more reliable sterilization. Meanwhile, during the sterilization process, the control system automatically adjusts the steam inlet and steam outlet according to the temperature of the inner chamber.

Use

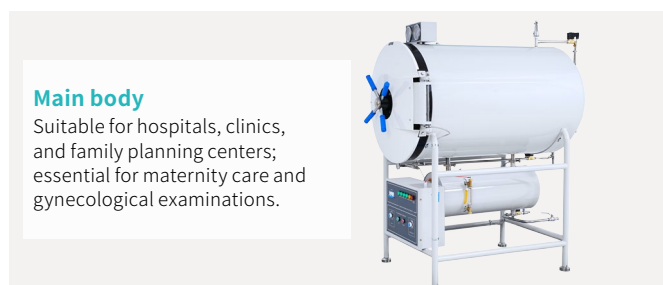
It is used for the sterilization of medical and experimental fabric items, surgical instruments, and apparatus.

Indicating system

With an alarm indicator system. In the event of operational errors or equipment malfunctions, the system will sound a buzzer alarm, and the indicator light will turn off.

Power Systems

Work power AC 220V ± 22V, 50Hz ± 1Hz (control system), AC 380V ± 38V, 50Hz ± 1Hz (heating system)
There are no plugs, four cables are connected to the device, and customers need to be wiring by themselves.



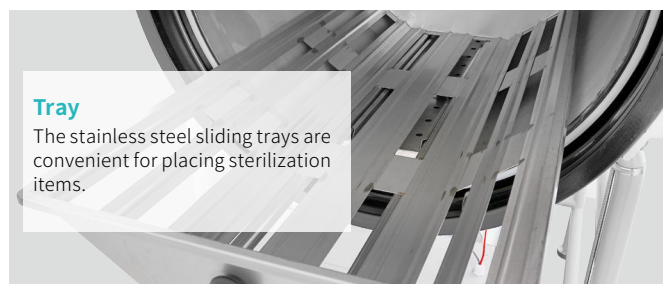
Main body

Suitable for hospitals, clinics, and family planning centers; essential for maternity care and gynecological examinations.



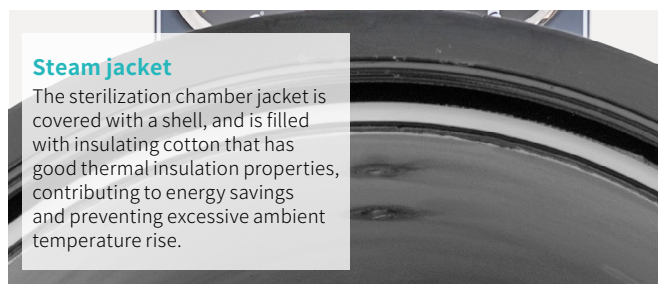
Sterilization chamber

Made of high quality stainless steel, durable.



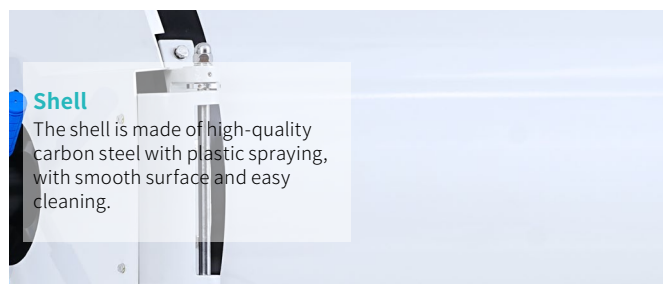
Tray

The stainless steel sliding trays are convenient for placing sterilization items.



Steam jacket

The sterilization chamber jacket is covered with a shell, and is filled with insulating cotton that has good thermal insulation properties, contributing to energy savings and preventing excessive ambient temperature rise.



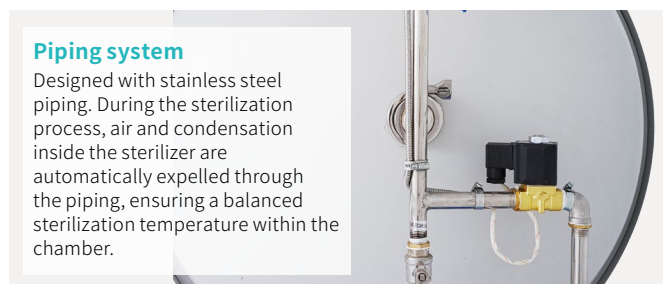
Shell

The shell is made of high-quality carbon steel with plastic spraying, with smooth surface and easy cleaning.



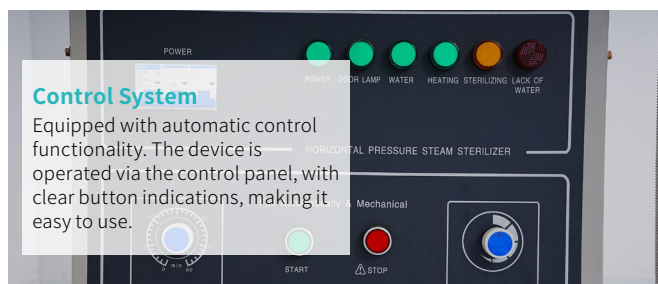
Safety door

Made of high quality stainless steel, durable.



Piping system

Designed with stainless steel piping. During the sterilization process, air and condensation inside the sterilizer are automatically expelled through the piping, ensuring a balanced sterilization temperature within the chamber.



Control System

Equipped with automatic control functionality. The device is operated via the control panel, with clear button indications, making it easy to use.



CONSTANT INNOVATION



Design



Research



Manufacturing



Maintenance



Service



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Company video



General catalogue