

Desktop Pulse Vacuum Steam Autoclave

| PICTURE | MODEL: | SQ-Z23 |
|---|---------------|-----------------------|
|  | CAPACITY: | 23L |
| | CHAMBER SIZE: | Φ246*450mm |
| | DIMENSION: | 715*513*425mm |
| | NET WEIGHT: | 49KG |
| | POWER: | 1.7KW |
| | VOLTAGE: | AC 220V 50HZ |
| | STERILE TEMP: | 121°C/134°C |
| | STERILE TIME: | 15~60 MIN(set freely) |

Product Specifications

Product name Pre-vacuum pressure steam sterilizer

Product model **SQ-Z23 Desktop**

Heating method Electric heating

Power 1.7KVA Power AC220V, 50Hz

Effective Volume 23L

Weight 49kg

Dimensions(L × W × H): 715 × 513 × 425mm

Liner size (Diameter × Depth): 246 × 450mm

Energy consumption Approximately 1.5 kWh per pot

Water tank volume 2 L **Water consumption** 0.5-1L (related to the size and type of load)

Drainage volume 0.5-1L (except for a very small part that remains on the sterilized items, the rest are eliminated)

Material of sterilization room Made of 304 anti-corrosion stainless steel **Outer box material** ABS material

Working environment 5°C-40 °C **Working pressure** -80kpa ~ 210kpa

Humidity during sterilization ≥80% **Highest anti-stress value** -99kpa ~ 280kpa

Temperature during sterilization 121 °C /134 °C **Temperature display** LCD display

Microcomputer control technology Microprocessor intelligent control, automatic door lock, man-machine





interface, easy operation, safe and reliable.

Pulsation mode Microcomputer control automatically selects the number of pulsations according to the site conditions to ensure the coordination of temperature and pressure.

Vacuum mode 3pre-vacuums to ensure faster heating&more complete sterilization. When the pressure of the sterilizer reaches 250kPa, the safety valve will automatically open to relieve the pressure.

Overpressure protection program When the sterilization chamber pressure reaches 220kPa, the equipment can automatically exhaust steam to balance the pressure. When the pressure in the sterilization chamber reaches 230kPa, the program will terminate and automatically release the pressure.

Air Leakage When the sterilizer is tested in various stages, the pressure increase rate should not be greater than 0.13kPa / min.

Dynamic pressure in sterilization chamber The pressure change in any 2s interval during the sterilizer cycle should not exceed 1000kPa / min.

Vacuum pump Using a leather double-head oil-free vacuum pump;

Pressure Sensor The built-in pressure sensor automatically detects the pressure in the cavity.

Temperature Sensor The built-in temperature sensor automatically detects the temperature in the cavity, with an accurate range of ± 3 °C.

Printer A micro-printer is used to print out the data every minute during the entire sterilization process, which can be permanently saved.

Sterilization mode respectively exposed equipment, packaged equipment, hollow fabric, rubber products, BD test, vacuum test.

Automatic drying Powerful vacuum drying, suitable for drying needs of different items; residual humidity of equipment <0.2%, residual humidity of dressing <1%.

Inner steam discharge Built-in condensate collector, the waste steam is condensed by the condenser and discharged, and the waste steam is not discharged outward, which is safer and cleaner.

Seal structure The sealing ring is made of silicone, and the designed service life is 2 years (1200 times) without aging and deformation.

Alarm system High and low temperature alarm system