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**ZPA-250 L**

**STEAM STERILIZER**



## Steam Sterilizer

ZPA series standard mobile door steam sterilizer is one of the high-grade sterilization equipment series developed and produced by our company according to the latest requirements of the state for sterilization equipment. It is a high-grade disinfection and sterilization device fully in line with the requirements of CSSD and GMP 2015. It is also an ideal replacement product for hospitals, pharmaceutical, biotechnology and other industries. The sterilizer can be widely used in the fields of pharmacy, bioengineering, medical and health care, laboratory animals, etc. it can sterilize the tools and instruments, sterile clothes, rubber plugs, aluminum caps, raw dressings, filters, culture media, various wastes and other articles with high sterilization requirements.

### Specifications

### ZPA-250 L

Vessel design life	Internal tank s30408, jacket Q245R life 10 years (20000 sterilization cycles)
Design pressure of inner chamber	-0.1~0.3 MPa
Jacket design pressure	0.3 MPa
Built in steam generator (if any)	0.3 MPa
Design temperature	150°C
Maximum operating temperature	138°C
Maximum working pressure	0.25 MPa
Opening pressure of inner chamber safety valve	0.28 MPa

Opening pressure of jacketed safety valve	0.28 MPa
Inner chamber hydrostatic test pressure	0.39 MPa
Jacket test pressure	0.52 MPa
Temperature display accuracy	0.1°C
Pressure display accuracy	0.1 KPa
Sterilization temperature control accuracy	±0.2°C
Temperature uniformity	±1°C
Amplitude and times of vacuum pulsation	Amplitude -80~0 KPa, Frequency 1~99
Number of pulsations	Amplitude -80~80 KPa, Frequency 1
Times of positive pressure fluctuation	1~3
Ultimate vacuum -97 KPa	-97 KPa
Vacuum leakage rate	≤0.13 KPa/min
Surface temperature	The external surface temperature shall not exceed the ambient temperature by 20°C
Dryness	The weight gain of fabrics after sterilization and drying shall not exceed 0.6%, and that of utensils, tools and instruments after drying shall not exceed 0.1%.
Single phase voltage supply	220±10% V, 50 Hz
Three phase voltage supply	380±10% V, 50 Hz
Pure steam	0.25 MPa ~0.35 MPa (Self produced steam configuration none)
Industrial steam	0.3 MPa ~0.5 MPa (Self produced steam configuration none)
Water softening	0.15 MPa ~0.3 MPa
Purified water or water for injection	0.15 MPa ~0.3 MPa (Only for self-produced steam configuration)
Compressed air	0.4 MPa ~0.7 MPa