



B Class 23L triple pulse vacuum impulse wet heat steam sterilizer



YJ series TPV vacuum autoclave is B grade(EN13060) small-size sterilization device,with vacuum pump inside.Using high temperature and pressure for the sterilization of multi-aperture instruments and apparatus.It is mainly intended for dental, operating room,ophthalmology,gynaecology instruments,etc.

Sterilized Target: YJ series sterilizer is our company specially design&manufacture for hospital surgery, lab, dental clinic, inspection room and such those place where need sterilization continually.

Mainly Structure:It's mainly consist of sterilization room, water storage tank, steam generator, vacuum pump, pressure sensor, temperature sensor, condenser, cooling water collector,condensation tube.

Model	YJ-TPV23
Sterilization Class	B
Capacity	23L



Inner Chamber Size (Diameter x Depth)	240mm X 470mm
Working Condition	Environment temperature: 0-50°C, humidity: ≥80% Air pressure range: 60-106Kpa; Working voltage: 220v±10%, 50Hz±1Hz Wire plug: nation standard three core or Europe standard three core.
Capacity of Water Tank	1.5 L
Power	1800w
External Size	670*470*400mm
Standard Sets	The integral bracket,the apparatus bracket,the handing rack,the exhaust and drainage pipe,The standby rubber ring.
Sterilization room material:	Sterilization room material: 304 anti-corrosion stainless steel Thickness: more than 3mm; Safety door thickness: more than 15mm Water pressure test: more than 0.8mpa; Better than/Exceed national standard YY0646-2008
Automatic drying	<0.2%. Strong vacuum drying, it's suitable for different materials drying requirements; The equipment residual humidity <0.2%.
Steam discharging	Inlay condensed water collector, the waste steam will exclude after condensation by the condenser rather than exhaust the exhaust steam outward, more safety and cleanliness.
Impulse method:	Microcomputer controls the frequency of pulsation according to the site condition and ensures the coordination of temperature and pressure. Applicable to all types of packaging, no packaging, solid, A hollow, B hollow and category B hollow porous and internal pipeline equipment sterilization; ensure efficient removal of air in the interior of a hollow instruments (such as high-speed dental drill), make the high temperature steam can fully reach every corner.
Vacuum method:	Triple pre-vacuum to ensure that the temperature is more rapid and the sterilization more thorough.
Micro-computer control technology	The sterilizer using microprocessor intelligent control, man-machine interface, easy to operation, safe and reliable. Each parameters and the status during the operation will dynamic display through the digital screen . Vacuum, water injection, heating, sterilization, decompression, exhaust, drying and power-of will finished completely automatic. Automatic detection and alarm if equipment abnormal. automatic fault diagnosis. Over temperature, overpressure



	automatic protection, to ensure the reliability of sterilization. After sterilization, automatic buzzer hint, ed display
Working pressure:	80kpa~200kpa
Highest anti-pressure value	-120kpa~260kpa
Sterilization temperature:	121°C-135°C adjustable
Sealing structure	Sealing ring for silicone products, the design of service life is 2 years (1200 times), not aging and deformation.
cleaning	Can clean inner pipe and steam generator automatically.
Vacuum pump	Adapting a double headed vacuum pump, simple and convenient, fast vacuum speed, long service life. To ensure that the vacuum degree can reach -80kpa.
Pressure sensor:	Inlay pressure sensor to test chamber pressure automatically, to ensure that the precise and efficient of chamber pressure.
Temperature sensor:	Inlay temperature sensor to test chamber temperature automatically, to ensure that in the precise range of using temperature $\pm 3^{\circ}\text{C}$ of chamber.