

JST-A Benchtop  
Steam Sterilizer

Class B



Product Introduction

JST-A series: 23/29/45L is a Class B benchtop steam sterilizer. As a type of high pressure sterilizer, it takes steam as its sterilization medium which is fast, safe and economic. They are common used in stomatological department, ophthalmological department, operating room and CSSD to make the sterilization for wrapped or unwrapped instrument, fabric, utensils, culture medium, unsealed liquid, etc. The design of chamber accords with state GB1502011, GB8599-2008, CE and EN285 standard.



Product features

Power-assist lock

- No need to pull the door handle to open and lock the door any more. Just one click on the touch panel to open the lock. Slightly push the door to lock it when the control system will detect your intention to lock the door and lock it automatically for you. Save your labor and protect you from scald.

Built-in open-type water tank

- Open-type water tank makes it easy to clean the water tank and add distilled water into it. Also Water level detector monitors the water level in the tank ensuring that there is enough water for next sterilization cycle, which avoids overheating. Optional water quality sensor prevents from adding unqualified water, which can effectively prolong the service life of sterilizer.

Multiple safety protection devices

- Over temperature automatic protection device, multiple control and protection for steam generator, door safety interlock protection and dual chamber over-pressure protection, electronic circuit safety device.

Multiple chamber volumes

- Chamber volumes of 23L, 29L, 45L are available.

Efficient vacuum

- Efficient vacuum system, low working noisy, vacuum lower limit can reach over -90kPa, vacuum in high speed, perfect drying performance, thorough sterilization.

Multiple preset programs

- Sterilization programs: Unwrapped (121 °C, 134 °C), Wrapped (121 °C, 134 °C).
- Test programs: B&D Test, Helix Test, VacuumTest.

Efficient Steam generator

- Whole series adopt built-in instant steam generator.

Others

- Pulse vacuum, heating, sterilization, exhausting, vacuum drying totally automatic.
- Chamber is heated by band heater, saving energy and time.

Specifications

Model	Volume	Class type	Chamber dimension (φ*L)/mm	Outer dimension/mm	Power supply	Input power/kVA	Temperature range	Net weight	Design pressure	Design temperature
JST-A	23L	Class B	247*450	690*485*455	AC 220V 50Hz	3.0	121°C, 134 °C	54 kg	-0.08/0.30MPa	144 °C
JST-A	29L	Class B	319*420	690*605*530	AC 220V 50Hz	3.4	121°C, 134 °C	70 kg	-0.08/0.30MPa	144 °C
JST-A	45L	Class B	319*623	790*605*530	AC 220V 50Hz	5.0	121°C, 134 °C	90 kg	-0.08/0.30MPa	144 °C