

Vertical Pressure Steam Autoclave



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Control Advantage

- Microcomputer fully automated control sterilization process. The status flowchart displays the current sterilization process, allowing for easy visual access to the current running steps at any time.

- Multiple Sterilization Modes.

With liquid, solid, agar, instruments, etc. More than five sterilization modes, expandable memory store 80 sterilization programs.

Mechanical Advantage

- Vertical flip cover structure. Easy to open, and automatic locking upon downward pressure, with lock status determined based on indicator light prompts.

- Electromagnetic suction type 6/8 claw mechanical interlock.

Electromagnetic suction type 6/8 claw mechanical interlock, with 6/8 claws installed on the top cover. The sealing rubber strip is evenly stressed, ensuring a secure and reliable seal. The operating surface is clean, providing a smooth loading and unloading experience without any obstacles.

- Dovetail type sealing groove.

Dovetail type sealing groove, self-expanding medical grade silicone molded sealing ring, corrosion-resistant and high-temperature resistant, can prevent accidents caused by high-temperature opening operations, providing a safer and more secure seal.

- Dual air convection rapid cooling fan.

Dual air convection rapid cooling fan, automatically activates after default sterilization for temperature reduction, adjustable cooling lid opening temperature, lid cannot be opened if temperature is not reached.

- Multi-stage exhaust.

Built-in steam collection box, utilizing multi-stage exhaust, without impacting the surrounding environment.

Safety Advantage

- Safety interlocking device: Equipped with a high-temperature and high-pressure interlocking protection system, which automatically detects and ensures that the chamber cover is closed in place before the work procedure can be started.

- Anti-dry burning alarm: system automatically stops working when water level is lower than the minimum water level; system directly cuts off the power supply when the water level is lower than the heating tube.

- Over temperature protection, Over pressure protection.

- Electrical safety protection: Leakage, over current, and short circuit protection functions.

Optional Accessory:

- Large capacity water tank with automatic water replenishment, fully automatic internal circulation.

- Thermosensitive or needle-type miniature printer or recorder.

- USB data storage device for recording sterilization cycles and sterilization data.

- Threaded sealing interface for 3Q validation.

- Optional JUMO mobile probe.

- Optional High-efficiency filtration device.

Specification

Model	ST-VL65	ST-VL80	ST-VL90	ST-VL110
Capacity (L)	62	80	88	110
External Size (W×D×H) (mm)	550×640×900	550×640×900	550×640×1150	550×640×1150
Net Weight (kg)	70	82	85	95
Internal Size (Ø×H) (mm)	Ø365×484	Ø414×484	Ø365×734	Ø414×734
Chamber Material	SUS304 Stainless steel			
Power Supply	AC 220/110V,50/60HZ			
Consumption	4kW			
Sterilization Temperature/Time	115-138°C Continuously adjustable, 0-9999 minute countdown display			
Dissolution Temperature/Time	60-100°C continuously adjustable/0-9999 minutes countdown display			
Holding Temperature/Time Preset Range	45-80°C adjustable/300 minutes			
Unlock Temperature	60-95°C can be set (default 80°C)			
Verification Interface	Reserved pressure and temperature pipe thread verification interface			
Temp. Controller	Using PT100AA [^] temperature sensor, with a resolution of 0.1			
Appointment feature	Advanced booking for any time within the next year			
Pressure	0.26Mpa			
Standard Accessory	Mesh basket or tote bag, gloves, and drain hose.			