

AST-B60PV Class B Benchtop Autoclave



LCD Screen



SUS304 Chamber



Built-in Water Tank



Quick Detachable Filter

Application

The non-liquid program is suitable for the sterilization of surgical instruments, solid bare instruments,

packaged instruments, rubber loads, etc. The liquid program is suitable for the sterilization of liquids such as water and culture media.

Advantage

- Control System

1. Display: The LCD touch screen can display temperature, pressure, time, operating status, fault alarm, equipment operation curve and other information in realtime, making the sterilization information more intuitive and clear, and convenient for users to observe the operating status of the equipment.

2. Process control: The whole process of preheating, replacement, heating, sterilization, exhaust and vacuum drying is automatically operated; it uses steam as the medium, adopts an efficient vacuum pumping system, and repeatedly pumps vacuum to achieve the effect of sterilization and drying.

3. Multi-point Temperature Control Technology: Non-sealed liquid programs use mobile temperature sensors to measure temperature,

which can detect the internal temperature of the liquid in realtime, making the internal temperature of the liquid more intuitive and clear.

4. Insulation Function: The insulation function can be set as needed to achieve liquid culture medium sterilization,

culture medium dissolution-insulation function.

5. Safety Function: with over-temperature automatic protection device, anti-dry burning protection device, over-pressure automatic release device, over-current protection device, electronic circuit safety device .

6. Self-calibration Function: It has a complete background self-calibration system to realize the calibration of system parameters such as pressure and temperature. Without disassembling the instrument, the authorized tool can be used for on-site adjustment.

7. Independently Installed Pressure Sensors: An independent pressure transmitter is installed in each of the inner chamber and evaporator to ensure that the equipment pressure is within the safe control range.

8. Water Injection and Drainage Method: automatic water injection, automatic drainage.

9. Pressure Gauge: Range: $-0.1 \sim 0.5$ MPa, Accuracy level: 1.6.

10. Filter: Manually removable filter, easy to clean, more user-friendly.

- Sterilization Program:

Encapsulation Program, Rubber Program, Dressing Program, Liquid Program, Liquid customization, Solid customization, as well as B&D testing, Vacuum testing Program, Medium Sterilization&Dissolution.

Specification

Model	AST-B60PV	AST-B80PV
Capacity	60L	80L
Chamber Size	Ø391×521mm	Ø391×671mm
Designed Pressure	-0.1/0.3Mpa	
Sterilization Temperature	150°C	
Working Temperature	121°C/134°C	
Water Tank Capacity	14L	
Chamber Material	SUS304	
Noise	≤65dB	
Consumption	5.8kW	6.2kW
Power Supply	220V/110V, 50/60HZ	
External Size (W×D×H)	990×804×675mm	1140×805×675mm
Shipping Size (W×D×H)	1130×960×940mm	1330×960×940mm
N.W./G.W.	175/215kg	185/230kg