

## AST-Type B biochemical incubator

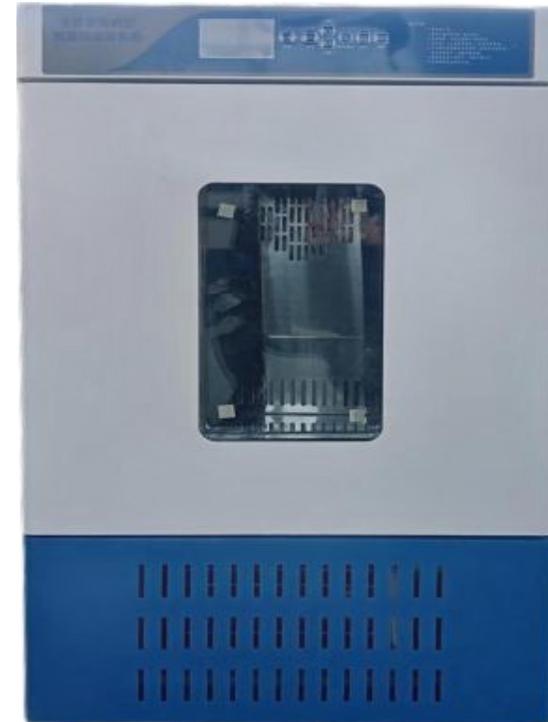
### I、Product presentation

The intelligent biochemical incubator is suitable for research institutions and production departments in environmental protection, sanitation and epidemic prevention, animal husbandry, drug testing, and aquaculture. It is a constant temperature device for water analysis and BOD determination, as well as for the cultivation and preservation of bacteria, molds, and microorganisms, and for plant cultivation and breeding experiments.

### II、Features:

1. In line with global environmental protection trends, it features a brand-new fluorine-free design.
2. Large LCD screen display with multiple data points on a single interface, simple and easy to understand, facilitating observation and operation.
3. Features a mirror-polished stainless steel inner chamber with rounded corners, and removable shelf supports for easy cleaning.
4. The left side of the chamber is equipped with a 30mm diameter test port, and a standard power socket is provided on the outside of the chamber, allowing for flexible wiring depending on the installation location.
5. A shaker can be placed inside the chamber for constant temperature shaking and incubation.
6. Fuzzy PID controller provides precise temperature control with minimal fluctuations, and includes a timer function with a maximum setting of 9999 minutes.
7. The working chamber is equipped with an interior light for easy observation of experimental conditions.

8. Utilizes a branded compressor and circulating fan, with an optimized air circulation design to ensure uniform temperature and humidity in the working chamber, preventing sample evaporation due to excessive airflow during experiments.
9. The door features a double-layered tempered glass observation window for easy viewing of the instrument's internal status.
10. Optional features include internal humidification, 485 communication, USB interface, printer, and leakage protection.



### III、Product Specifications

Product Model	Temperature control range	Timing range	Temperature control accuracy	power (KW)	Volume (L)	Inner dimensions: Depth * Width * Height (mm )	Dimensions Depth * Width * Height (mm )
AST-30B	0-60°C	9999min	±0.1°C	0.6	30	250x300x350	470*440*855
AST-50B				0.8	50	300×400×400	490*540*910
AST-80B				0.8	80	350×450×450	558*618*1160
AST-150B				0.9	150	400×500×730	638*618*1410
AST-250B				1	250	500×500×950	778*618*1600
AST-350B				1.2	350	500×600×1100	695*640*1460
AST-450B				1.4	460	650x650x1100	850*790*1620
AST-550B				1.6	560	650x750x1150	860*890*1770
AST-650B				1.8	660	650x850x1200	860*990*1820