

STACKABLE INCUBATOR ALS-SI 500



DESCRIPTION

This equipment is ideal for a wide range of applications in the pharmaceutical and biotechnology industries, including bacterial culture, fermentation, hybridization, biochemical reactions, enzyme research, and cell tissue studies. It is widely utilized across fields such as medicine, biology, molecular science, pharmacy, food, and environmental research.

FEATURES

High-Quality Servo Motor: Ensures stable and precise operation.

Advanced Multi-Step Control: Offers adjustable rotating speed, temperature, and timing for tailored experiments.

Smooth Acceleration/Deceleration: Designed for gentle starts and stops, reducing wear and tear.

Optimized Air Duct Design: Provides uniform air circulation for consistent conditions.

Automatic Defrosting: Maintains optimal performance without manual intervention.

Precision Speed and Temperature Control: Delivers accurate and repeatable results.

Unique Drive System: Enhances efficiency and reliability.

Safety Features: Includes open door protection to safeguard samples & user.

LCD Display with Bright Illumination: Ensures clear and easy monitoring of parameters.

Memory Function: Stores and protects key operating settings for quick setup.

Flexible Operation: Can run continuously or with precise timing.

Gentle Slow-Start Mechanism: Prevents sudden jolts to sensitive samples.

Standard Illumination and UV Light: Provides versatile lighting options for various research needs.

TECHNICAL SPECIFICATION

Parameter	ALS-135SIS	ALS-135SIST	ALS-135SISC	ALS-135SISCT
Display	LCD	Touch Screen	LCD	Touch Screen
Controller	PID			
Shaking Mode	Rotary shaking			
Drive Mode	Multidimensional drive			
Circulation Mode	Forced convection			
Max. Capacity	250ml*32 or 500ml*20 or 1000ml*13 or 2000ml*7 (Flask clamp) 250ml*32 or 500ml*20 or 1000ml*12 or 2000ml*8 (haftplatte)			
Rotating Speed	20-350rpm (Top layer 20-300rpm, static culture, reverse rotation or alternate operation)			
Rotating Accuracy	±1rpm			
Vibration Range	Φ26mm (Can customize φ35 (20-250rpm/min); φ50(20-200rpm/min))			
Temp. Range	RT+5~60°C	RT+5~60°C	4~65°C (At 25°C)	4~65°C (At 25°C)
Temp. Control Accuracy	±0.1°C			
Temp. Uniformity	±0.6°C (At 37°C)			
Timing Range	0~9999h/min			
Shaking Plate Size	610*460 mm			
Shaking Plate Quantity	1 pc			
Internal Material	Stainless steel			
External Material	Sprayed steel plate			
Standard Capacity	500ml*20			
Refrigerant	/	/	R134a	R134a
Heating Consumption	800-900W			
Safety Function	Audio and visual alarm for over-temperature; Alarm for over-speeds; Independent over-temperature protector; Shutdown protection for door opening; Leakage or overcurrent protection; Ultraviolet disinfection function; Calibration of monitoring temperature and ambient temperature; Overload protection of refrigeration unit and delayed start of incoming call (only in ALS-135SISC)			
Consumption	1000W			
Power Supply	Standard: 220V±10%, 50/60Hz; optional: 110V±10%, 60Hz			
Internal Size (W*D*H) (mm)	715*580*450 (per unit)			
External Size (W*D*H) (mm)	1120*790*620 (per unit)			
Package Size (W*D*H) (mm)	1275*950*810 (per unit)			
Gross Weight (kg)	240 (per unit)			