



Shaking Incubator LD-LSI-E11

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Overview

Shaking Incubator LD-LSI-E10 is a small Desktop Constant Temperature Shaking Incubator and an advanced laboratory device designed for precise temperature control and gentle shaking. They are operated by a microcomputer, the incubator ensures accurate and stable control of temperature, shaking frequency, and timing, making it ideal for a wide range of experimental needs. It maintains a stable temperature while providing consistent mixing through orbital or horizontal motion.

Features:

- Large LCD display shows temperature, speed, and working time with an easy-to-use menu interface
- A microcomputer is used to control the temperature, oscillation frequency, and timing functions
- Unique air duct design for breeze circulation and large observation window for easy monitoring
- Intelligent brushless DC motor offers high-speed accuracy, slow start, and auto speed lock to prevent splashing
- UV lamp automatically cuts off when the door is opened, for safety reasons
- Waterproof base ensures spills do not affect normal operation
- Built-in power-off protection allows the system to automatically restart operations after a power interruption

Applications:

It is widely applicable for researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction, enzymes and tissue research.

Specifications:

Power	AC220V/3.5A
Timer	0~9999 min
Volume	70 L
Amplitude	20 mm
Shelf Size	480 x 315 mm
Net Weight	65 Kg
Outer Shell	ABS
Temp. Range	RT+4 ~ 65 °C
Gross Weight	85 Kg
Power Rating	0.8 kW
Setting Mode	Automatic changes of rotation direction

Temp. Motion	±0.1 °C
Safety Device	Over temperature alarm, menu locked, gating system, power-off protection, plugging turn protection
Cooling System	Yes
Chamber Material	Mirror Stainless Steel
Temp. Resolution	0.1 °C
Temp. Uniformity	±1 °C
Temp. Control Mode	LCD PID intelligent control
Temp. Display Mode	Touch button setting
Additional Function	Deviation correction, menu keys locked, power-off memory
Shaking Speed Range	30 ~ 300 rpm
Rotary Speed Precision	±1 rpm
Observation Window Material	Imported resin
Thermal Insulation Material	Polyurethane
Package Dimension (W x L x H)	923 x 730 x 683 mm
Exterior Dimension (W x L x H)	600 x 770 x 500 mm
Interior Dimension (W x L x H)	560 x 390 x 320 mm