



## **Shaking Incubator LD-LSI-E11**

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# Shaking Incubator LD-LSI-E11

## 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:

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

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