

ORBITAL SHAKER INCUBATOR

Precise Incubation & Uniform Shaking for Reliable Results



Uniform Orbital
Shaking Motion



Accurate
Temperature Control



Safe & Reliable
Operation



Digital Display
for Easy Monitoring



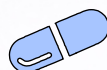
TRUSTED
TECHNOLOGY
FOR A SAFER
TOMORROW



Laboratories



Hospitals



Pharmaceuticals



Colleges & Research Institutions



www.lumaxscientific.in



+91 7701 816 728



harsh@lumaxscientific.in

INTRODUCTION

Integrated Shaking Mechanism

Equipped with a built-in orbital shaker that ensures uniform mixing and aeration of samples. This enhances microbial growth and reaction efficiency, making it ideal for applications like BOD testing, cell culture, and biochemical studies.

Precise Temperature Control

Offers accurate temperature regulation over a wide range (typically 5°C to 60°C), ensuring a stable and uniform environment. Advanced PID controllers maintain consistent conditions for reliable and reproducible results.

User-Friendly Digital Interface

Features an intuitive control panel with digital display for easy setting of temperature, speed (RPM), and time. Programmable functions allow customized operation and improve workflow efficiency.

Robust Construction & Safety Features

Constructed inner chamber with stainless steel 304 grade for durability and corrosion resistance. Includes safety features such as over-temperature protection, and compressor protection for safe and long-term operation.

SPECIFICATIONS

Working Temperature Range	5°C to 60°C
Temperature Accuracy	±1°C
Temperature Controller	PID Microprocessor Controller
Temperature Uniformity	High uniformity with air circulation
Shaking Speed (RPM)	35–250 RPM
RPM Display	Digital
Shelves	1 Wire Mesh
Type of Shelves	Removable
Material of Shelves	Stainless Steel (SS)
Air Circulation	Air Circulating Fan
Illumination	LED Light inside the chamber for sample viewing
Material of Inner Chamber	Stainless Steel
Material of Outer Body	GI sheet powder coated
Insulation	Glass wool / PUF (Polyurethane Foam)
Chamber Construction	Double walled
Temperature Controller Type	PID Controller
Power Supply	220/230V AC

ORDERING DETAILS

Model No	Chamber Dimensions (WxDxH)	No of Flask 250ml
LU171	460X460X610mm	9
LU172	560X560X710mm	16
LU173	760X760X760mm	25

