

LABWAN LOSI-05 Orbital Shaking Incubator

Product Description

LABWAN LOSI-05 Orbital Shaking Incubator is designed for precise temperature-controlled incubation and orbital shaking applications in microbiology, biotechnology, molecular biology, pharmaceutical, clinical, and research laboratories. Equipped with a digital microprocessor controller, forced air circulation, and a hermetically sealed refrigeration system, it ensures uniform temperature distribution, reliable shaking performance, and consistent operation for a wide range of laboratory applications.

Features

- Digital PID temperature controller.
- Microprocessor-based RPM and timer.
- Temperature range: 5°C to 50°C.
- Forced air circulation.
- Air-cooled hermetically sealed refrigeration.
- SS304 inner chamber with MS powder-coated body.
- High-grade glass wool insulation.
- Shaking speed up to 300 RPM.
- $\pm 0.5^{\circ}\text{C}$ temperature accuracy.
- LED/LCD display.
- Automatic defrosting.
- Waterproof internal lighting.
- Standard key locking system.
- Operates on 220V AC, 50 Hz.



Technical Specifications

Description	Specification
Product Name	LABWAN Orbital Shaking Incubator
Model	LOSI-05
Number of flask	16 × 250 mL, Inbuilt
Platform size	400 mm × 400 mm × 75 mm
Temperature Range	5°C to 50°C
Temperature Control	Digital Micro-processor
Temperature Display	LED / LCD Display
Construction	Outer MS powder coated, Inner 304 Stainless Steel
Insulation	High Grade Glass Wool Insulation
Doors	Made of Steel Sheets with Magnetic Gasket
Racks	Made of Steel Wire Mesh, 1 No.
Compressor	ISI Marked & CFC Free
Defrosting Type	Automatic
Evaporator	Internal Evaporator System, Forced Draught
Internal Drainage	Yes
Refrigeration System	Air Cooled, Hermetically Sealed
Air Circulation	Forced Air Circulation
Internal Lighting	Waterproof Fluorescent Ceiling Lamps
Locking System	Standard Key Locks
Power Supply	220 Volts / 50 Hz
Essentials	User & Technical Manual

Application/Uses

- Microbiology laboratories
- Biotechnology laboratories
- Pharmaceutical laboratories
- Clinical & diagnostic laboratories
- Research & development laboratories
- Universities & educational institutions
- Food & beverage testing laboratories
- Environmental testing laboratories