



SUNIL BROTHERS

(An ISO 9001:2015 Certified Company)



MANUFACTURES & EXPORTERS OF

ALL TYPES OF LAB & PHARMA EQUIPMENT

**LAMINAR AIR FLOW, BIO SAFETY, FUME HOOD, DESPENSING BOOTH,
PASS BOX, AIR SHOWER, WAX BLOCK, SLIDE CABINET & B.O.D. ETC.**

ORBITAL BOD SHAKER

Orbital Shaking Incubator BOD Type



APPLICATIONS OF ORBITAL SHAKING INCUBATOR BOD TYPE

- "ESCOLABS" brings the ultra-high-tech Triple walled Microprocessor controlled, solid-state Orbital Shaking Incubator down to earth.
- Specially designed for Orbital Shaking under controlled Incubation / Temperature required for Tissue Cultures Fermentation Studies, & Ageing Tests., Life science applications & growth studies.

SALIENT FEATURES & CONSTRUCTION OF ORBITAL SHAKING INCUBATOR BOD TYPE

- Robust construction outer chamber is made of Mild Steel duly pre treated finished with powder coated paint for lasting finish.
- Inner chamber made of STAINLESS STEEL SHEET (304 Grade).
- Fitted with durable coaxial blower for forced air circulation at triple walled back to maintain temperature uniformity in the chamber.
- Outer front double walled door is insulated and is fitted with magnetic tape for air tight closing for no temperature loss, provided with lock and key arrangement.
- Fitted with Universal Platform to accommodate interchangeable clamps of assorted sizes for different capacity of flasks..
- Stationery shelves made of Stainless Steel (SS-304) for use of the unit as a standard B.O.D. Incubator, can be supplied at extra cost..
- Door operated illumination lamp is fitted inside the chamber for easy visibility.
- A full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- H

High grade PUF/Glass Wool INSULATION between outer and inner chamber for minimal thermal losses.

- Heating elements are placed in the path of moving air duly insulated from the body.
- Control panel having all controls and circuitry are housed at the top fitted with Temperature controller cum Indicator Microprocessor based with LED display for Set Value (SV) & Process Value (PV) to select any desired temperature provided with Volt meter on the panel to read the incoming voltage.
- Caster wheel mounted for easy portability.
- Supplied with cord and plug.
- Operating Voltage: 220 Volts AC (50 Hz).

TECHNICAL SPECIFICATIONS & ORDERING INFORMATION OF ORBITAL SHAKING INCUBATOR BY TYPE

Usable Space in MM	600 X 600 X 600
Capacity	8 cu. Ft
Approx Volume (Ltr)	230
No. of Shelves	2
Temperature Range	5°C above ambient to 60 (Resolution 0.1°C)
Temp. Controller	By Microprocessor Based PID Digital Temperature Indicator cum Control
Shaking amplitude	25 mm.
RPM Display	Digital
Shaking Speed	Variable speed from 2 RPM to 28 RPM
Temp. Accuracy	+1°C
Temp. Display:	LED Display for Set Value(SV) and Process Value (PV)
Relay	Solid state electronic relay with protective heat sink.
Air Circulation	By forced convection system
Insulation	By High density PUF /Glass Wool
Operations	Nearly silent operation with ultra vibration
Electric Supply	220/230V AC, 50/60Hz



Esco Labs™



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