

B.O.D. INCUBATOR SHAKER (Orbital Shaking Incubator)



- Feather touch controller, plate mounted on the door.(no Separate panel)
- Digital Display L.E.D + L.C.D. Both
- Continues display of set temperature, attained temperature, time, day, date, etc
- As soon as the set temperature is attained, timer start automatically & raise the alarm after the set time is over (Fully automatic).
- Indication LED of Door Open (Optional)
- Battery operated controller with indication of power failure (optional)



PRINCIPLE

The B.O.D. Incubator Shaker is based on the principle to provide preset controlled temperature clubbed with rotation at preset controlled RPM.

SALIENT FEATURES

- Versatile usage.
- Ergonomic Design
- Energy Efficient
- CFC free refrigerant
- Long life
- Low Maintenance
- Supplied with spares kit
- Guaranteed supply of Spares & Service for 10 years.
- Onsite installation and after sales service by company trained engineers

DOCUMENTATION AVAILABLE

- Factory Testing Certificate
- Stainless steel test certificate (Optional)
- Digital temperature controller calibration certificate issued by Manufacturer (Optional)
- Digital temperature controller calibration certificate by test house traceable to NPL or NABL accredited Lab. (Optional)
- IQ/OQ/PQ/DQ certificates (Optional)
- CE Certificate
- ISO-9001:2000 Certificate
- NSIC & SSI Registration Certificates
- Working Manual

USE

Ideal for research & development laboratories, industrial, medicine, for biochemical's oxygen demand enzymatic, serum & sewage studies, storage of heat sensitive vaccines, insulin lever extract pharmacy medicines etc.



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CONSTRUCTION

Inner chamber	: Made of S.S.304 grade (S.S. 316 Optional)
Outside	: Made of Mild Steel duly painted (S.S. 304 Optional)
Inside Door	: Fitted with unbreakable transparent acrylic
Outer Door	: Thick, insulated, powder coated
Compressor	: Fitted with standard make Kirloskar/Shriram
Circulating Fan	: 2 Nos. fitted inside the chamber
Tray	: 1 No. made of SS wire. The trays can be adjusted anywhere at a distance of 4cms.
Motor	: D.C. Drive Motor
RPM Meter	: Provided Digital
Tube Lights	: 3 or 4 No.
Timer	: Programmable cyclic 24 Hrsx7 days (Optional)

SPECIFICATIONS

Working Temp.	: 5°C to 60°C or 10°C to 60°C when lights are ON.
Temp. Accuracy	: $\pm 1^\circ\text{C}$
Temp. Readability	: 0.1°C
Shaking Speed	: 20 - 180 RPM
Tray	: 16 Flask of 250 ml flask
Power supply	: 220 V, 50 Hz, Single Phase AC supply

SAFETY FEATURES

1. M.C.B. is provided at the mains of the connection
2. Overheat controller is provided additionally which protect to control in case of controller failure
3. Fuses are provided on every electrical line to safeguard each and every component.

SPECIAL FEATURES

1. Feather touch controller, plate mounted on the door. (no Separate panel)
2. Digital Display L.E.D + L.C.D. Both
3. Continues display of set temperature, attained temperature, time, day, date, etc
4. As soon as the set temperature is attained, timer start automatically & raise the alarm after the set time is over (Fully automatic).
5. Indication LED of Door Open (Optional)
6. Battery operated controller with indication of power failure (optional)

STANDARD MODELS

Cat No.	Size of Inside Chamber	Capacity
OSIV-6145	560mm x 420mm x 380mm (3 cu.ft.)	85 ltrs.
OSIV-8450	840mm x 500mm x 410mm (6 cu.ft.)	170 ltrs.
OSIV-9958	990mm x 580mm x 490mm (10 cu.ft.)	285 ltrs.
OSIV-1062	1020mm x 620mm x 520mm (12 cu.ft.)	340 ltrs.
OSIV-7064	700mm x 640mm x 900mm (15 cu.ft.)	421 ltrs.
OSIV-24	Tailor made size (24 cu.ft.)	690 ltrs.

* Other sizes available on request

OPTIONAL ACCESSORIES

- g) Recommended Voltage Stabilizer (Pls suffix VS for cat. no.)
- h) Outer body made of Stainless Steel 304 instead of Mild Steel (G.M.P. Model) (Pls suffix GMP for cat. no.)
- l) Inner chamber made of S.S. 316 instead of S.S. 304 (Pls suffix IC-316 for cat. no.)
- j) Spare Tray for desired size of flasks (Pls suffix T for cat. no.)
- k) Spare Shelf (Pls suffix S for cat. no.)
- l) Shaking speed upto 300 RPM instead of 180 (Pls Suffix S-300 for Catalogue No.)
- m) Port of computer interface (Pls suffix C for cat. no.)
- n) Digital temperature controller calibration certificate issued by manufacturer
- o) Digital temperature controller calibration certificate by test house traceable to NPL or NABL accredited Lab.
- p) IQ/OQ/PQ/DQ certificates

