

Reliable Low-Temperature Control for
Laboratory Applications

GENAXY®

BOD INCUBATORS

Accuracy Matters

**GENAXY
Incubators**



CONTACT US

www.genaxy.com

GENAXY Economic Series of BOD Incubators

The B.O.D. (Biochemical Oxygen Demand) Incubator is precision-engineered for controlled low temperature incubation required in BOD determination, biological studies, and sample preservation. Designed for accuracy, uniformity, and long-term reliability, it is an essential instrument for environmental, pharmaceutical, research, and quality control laboratories.

Key Applications

- Biochemical Oxygen Demand (BOD) determination
- Preservation of vaccines, insulin, liver extracts, and chemicals
- Environmental monitoring laboratories
- Pharmaceutical and biotech research
- Microbiological and quality control testing

Design & Construction

- Outer Body: Double-walled mild steel sheet, epoxy-based powder coated finish
- Inner Chamber: Highly polished Stainless Steel (SS 304) / anodized aluminum
- Insulation: High-grade insulation between walls for temperature stability
- Door System:
 - Inner transparent acrylic door for specimen observation
 - Outer insulated door with magnetic gasket, lock, and key



Technical Features

Temperature Control & Performance

- Temperature Range: 5°C to 50°C
- Accuracy: $\pm 1^{\circ}\text{C}$
- Temperature Controller: Digital PID controller with display
- Cooling System: High-performance compressor with cooling coils
- Heating System: Efficient heating elements for precise control
- Air Circulation: Dual air-circulating fans for uniform temperature distribution

User Convenience & Safety

- Door-operated internal illumination
- Caster wheels for easy mobility
- Ergonomic shelves adjustable as per user requirement
- Low noise and vibration operation

Standard Accessories

- Adjustable stainless steel shelves
- Digital temperature controller with display
- Acrylic inner door
- Internal illumination
- Castor wheels

Ordering Information



Model Nos.	Volume (Cu. Ft.)	Dimensions(HXWXD)
BOD-170MS	6.1	825x505x415mm
BOD-225MS	8.0	850x600x500mm
BOD-280MS	10.0	880x550x550mm
BOD-340MS	12.0	900x650x580mm
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