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# BOD INCUBATOR

Designed for precise incubation of biological samples in BOD determination and other microbiological applications. Ensures uniform temperature control, reliability and long working life.



## SPECIFICATIONS

	Temperature Range	5°C to 60°C
	Temperature Accuracy	±0.5°C to ±1°C
	Temperature Control	Digital Microprocessor PID Controller
	Display	LED / LCD Digital Display
	Inner Chamber Material	Stainless Steel (SS 304)
	Outer Body Material	Mild Steel with Powder Coating
	Insulation	PUF (Polyurethane Foam) Insulation
	Cooling System	CFC-Free Compressor Cooling System
	Heating System	Air Jacketed Heating System
	Air Circulation	Forced Air Circulation for Uniform Temperature
	Shelves	Adjustable Stainless Steel Trays
	Door Type	Double-Walled Door with Magnetic Gasket
	Inner Glass Door	Provided for Observation without Disturbing Temperature
	Power Supply	220-240V AC, 50 Hz
	Capacity Options	60L, 120L, 170L, 250L, 350L, 450L, etc.
	Timer	Digital Timer with Programmable Settings
	Safety Features	Over-Temperature Protection, Compressor Safety Relay, Low/High Temperature Alarm
	Illumination	Optional Fluorescent / LED Lighting
	Humidity Control	Optional in Advanced Models

## KEY FEATURES

- Precise temperature control with PID technology
- Forced air circulation for uniform temperature
- Stainless steel chamber for corrosion resistance
- Inner glass door for easy observation
- Reliable compressor for efficient cooling performance
- User-friendly operation and low maintenance

## APPLICATIONS

- ✓ BOD Determination
- ✓ Microbiological Studies
- ✓ Tissue Culture Storage
- ✓ Seed Germination Tests
- ✓ Pharmaceutical Testing
- ✓ Fermentation Studies
- ✓ Environmental Studies
- ✓ Vaccine & Sample Storage

## OPTIONAL FEATURES

- ✓ USB / Data Logging Facility
- ✓ GMP / GLP Validation
- ✓ Programmable Controller
- ✓ Remote Monitoring System
- ✓ Refrigerated Incubation System



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