

BOD INCUBATOR

Precision Temperature Control
for Reliable BOD Analysis

INTRODUCTION

Equipaxis BOD Incubator is a high-performance system designed to deliver precise and stable temperature conditions essential for accurate biochemical oxygen demand (BOD) analysis. With an advanced microprocessor-based control system, it ensures consistent temperature maintenance across extended incubation periods, making it ideal for environmental, research, and quality control laboratories.

Engineered for uniform airflow and energy-efficient operation, the incubator provides consistent testing conditions for every sample. Its robust construction, user-friendly interface, and flexible storage configuration make it a reliable solution for laboratories requiring accuracy, durability, and operational efficiency.



KEY FEATURES



Precision Temperature Control

Microprocessor-based PID controller for accurate temperature regulation
Wide operating range from 5°C to 60°C



Uniform Temperature Distribution

High-performance air circulation system ensures consistent conditions
Minimizes variability and improves result accuracy



Energy Efficient & Eco-Friendly Design

Optimized insulation reduces power consumption
Supports cost-effective and sustainable lab operations



User-Friendly Operation

Digital display with intuitive controls for easy monitoring
Simplifies workflow and reduces manual effort



Robust & Durable Construction

Stainless steel inner chamber for hygiene and longevity
GI powder-coated outer body for enhanced durability



Flexible Storage Configuration

Removable stainless steel shelves for versatile sample placement
Suitable for varied sample sizes and applications



Enhanced Visibility & Convenience

Internal LED illumination for clear sample viewing
Acrylic inner door for safe monitoring



Precision You Can Measure. Reliability You Can Trust.

SPECIFICATIONS

Working Temperature Range	5°C to 60°C
Temperature Accuracy	±1°C
Temperature Controller	PID Microprocessor Controller
Temperature Uniformity	High uniformity with air circulation
Shelves	2 Wire Mesh
Type of Shelves	Removable
Material of Shelves	Stainless Steel (SS)
Air Circulation	Air Circulating Fan
Illumination	LED Light inside the chamber for sample viewing
Display	Digital Display
Material of Inner Chamber	Stainless Steel
Material of Outer Body	GI sheet powder coated
Insulation	Glass wool / PUF (Polyurethane Foam)
Inner Door Material	Acrylic Sheet
Power Supply	220/230V AC

AVAILABLE MODELS

Model No	Chamber Dimensions (WxDxH)	Chamber Capacity	Shelves
EA151	450X450X760mm 6cu ft	160 Ltr	2
EA152	560X560X760mm 8cu ft	235 Ltr	2
EA153	600X600X800mm 10cu ft	300 Ltr	3
EA154	600X600X900mm 12cu ft	340 Ltr	3

SAFETY FEATURES

- ▶ PID Microprocessor Temperature Controller
- ▶ High Uniformity Air Circulation System
- ▶ Glass Wool / PUF Insulation Protection
- ▶ Stainless Steel Inner Chamber Construction
- ▶ Acrylic Inner Door for Safe Sample Monitoring



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