

BL-BOD-1

B.O.D Incubator

BL-BOD-1
30 Ltrs



BOD Incubators are designed to meet incubation criteria required in bod analysis of water and wastewater samples, fermentation studies, plant and insect studies and bacterial culturing etc. Equipping with superior quality instruments, they deliver the performance, quality and reliability required by researchers and clinicians worldwide.

Construction Features

- Most suitable for experiments requiring low temperature conditions like micro-organism or activation, cell culture process of animals and plants, good storage and desalting process of enzyme extracts etc.
- With a solid double walled door, a full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without disturbing the process temperature.
- Excellent quality magnetic gum packing door gasket for external door.
- User- oriented design of shelves makes you adjust each space of shelves without difficulty.

Features

- Forced air circulation at triple walled back by durable coaxial blower, maintains optimum temperature uniformity and homogeneity.
 - High grade HIGH PRESSURE FOAMED IN-PLACE PUF INSULATION between outer and inner chamber for minimal thermal losses.
 - Caster wheel mounted for easy portability.
 - Front double walled door is provided with lock and key arrangement.
 - Door operated illumination lamp is fitted inside the chamber for easy visibility.
 - FINNED TUBE EVAPORATOR facilitates uniform and faster cooling effects.
- Type : Forced Convection Type
 - Freezer Compressor : Hermetically sealed air cooling compressor system
 - Temperature Range : 5°C to 50°C (Resolution 0.1°C)
 - Accuracy : $\pm 0.5^{\circ}\text{C}$
 - MOC Outer : Powder coated CRC Steel Sheet
 - MOC Inner : Chamber and trays made of Stainless Steel (SS-304)
 - SAFETY : Over temperature limiter switch prevents over heating
 - Temperature Controller : Microprocessor Based Digital Temperature Indicator cum Controller with LED display. for Set Value. (SV) & Process Value (PV). OR Microprocessor based alphanumeric LCD Display Controller
 - Voltage Indicator : Through a highly accurate digital voltmeter Optional.
 - High Voltage Protection : Through automatic voltage stabilizer supplied with the unit Optional.
 - Electric Supply : 220/230V AC, 50/60H.

With Microcontroller Digital Controller with LED Display

Specifications

Model	BL-BOD-1	BL-BOD-4	BL-BOD-6	BL-BOD-10	BL-BOD-12	BL-BOD-15	BL-BOD-16
Dimension Inner WxDxH mm	200X225X225	455x410x610	505x415x830	570x550x875	650x580x900	700x640x900	700x640x970
Capacity	30 Ltrs	112 Ltrs	171 Ltrs	280 Ltrs	340 Ltrs	420 Ltrs	450 Ltrs
No. of Shelves	1	2	2	3	3	4	4
Controller	Fitted with Microprocessor Digital Controller with LED display						
Display	LED Display for Set Value (SV) and Process Value (PV)						