



ICON INSTRUMENTS COMPANY

(Manufacturer of Laboratory Equipment)

IIC-109



BOD INCUBATOR / FREEZERS (REFRIGERATED) ECO-FRIENDLY

- Refrigerated Insulation & Freezing in one unit.
- Puf Insulated to keep the surface Temp. of body comfortable & avoid Cooling loss.
- Silent energy saving Kirloskar/ Tecumseh compressor, Designed to circulate uniform air throughout the chamber with better imported coil condenser copper coil, improved Temperature distribution.
- Polish 304 grade S. Steel interior corrosion resistant long life operation having adjustable shelves to make more space for different Height.
- Kanthal A-1 tubular heater is fitted for better accuracy.
- Safety Controller are provide with the Digital Temperature Controller Cum Indicator.
- Full features with Digital Temp. Controller Cum Indicator & Microprocessor Based PID Temperature Controller Cum Indicator with Digital Voltmeter.
- Choose among the model with window front glass door or inner Perspex / Acrylic sheet full view door to observe the Test.
- Process inside the incubator as desired while keep temperature uninterrupted.
- Angle Iron Frame at bottom with castor wheel for easy movement.
- Fitted with 2 Nos. Fan (One for Cooling & One for Heating inside the chamber)

Applications :

Incubation for BOD & COD Determination, Storage for BOD Samples, General Incubation at 37°C Vaccine keeping, fermentation study stability Test.

Model	IIC 109	IIC 109 A	IIC 109 B	IIC 109 C
Capacity (Liter)	112 Ltrs.	171 Ltrs.	280 Ltrs.	336 Ltrs.
Interior (mm)	455 x 410 x 610	505 x 415 x 830	570 x 550 x 875	650 x 550 x 900
	4 Cuft.	6 Cuft.	10 Cuft.	12 Cuft.
Heater "W" Wattage	250W	250W	250W	500W
Shelves	2	3	3	3

Technical Parameters :

- Temperature Range : 5°C- 60°C
- Temperature Stability : ±0.5°C
- Material : CRC / Mild Steel Sheet with powder Coated,
- Optional : Stainless Steel Gate/ Full body Stainless Steel
- Power Consumption : 220/230V AC ± 10%, 50 HZ
- Safety Function : Safety Controller for safety of Digital Temp. Controller Cum Indicator & Cooling Compressor with MCB
- Optional : LCD Screen with PID Microprocessor controller with inbuilt timer & alarm
- Compressor : Kirloskar / Tecumseh/ Model as per size requirement
- Refrigerant : R 134
- Duty Cycle : Continuous
- Interior : Illumination provide inside the chamber.
- Optional : Illumination of 3 Fluorescent tube • 2' for 4, 6, 10, 12Cuft. BOD • 24 Hrs. Cyclic Manual Timer • Humidity Provision

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