

BOD INCUBATOR



MSIW- 038

Laboratory Cooling Incubator – Specifications & Features

Construction:

- Double-walled chamber design for durability and insulation.
- Inner Chamber: Stainless Steel (SS 304 grade).
- Outer Chamber: Thick Mild Steel, primer-coated for anti-rusting and finished with white stoved powder-coated paint.
- Insulation: 75 mm thick high-grade glass wool to prevent heat loss.
- Shelves: 2–3 perforated stainless steel shelves with adjustable ribs for flexible height adjustment.
- Doors:
 - Inner door: thick, transparent full-view glass.
 - Outer door: double-walled metallic, insulated with glass wool, fitted with premium handle, gasket, and lock.
- Illumination: Door-operated interior lamp.
- Mobility: Unit mounted on castor wheels for easy movement.
- Temperature Control & Performance:
 - Range: 5°C to 60°C.
 - Controller: Digital temperature indicator-cum-controller with PT-100 sensor.
 - Accuracy: $\pm 0.5^{\circ}\text{C}$ (with time-delay relay for precise control).
- Cooling System:
 - ISI-marked compressor (Kirloskar make).
 - Copper cooling coil housed in GI chamber at rear.
 - CFC-free, environment friendly design.
- Heating System: ISI-marked tubular trip-type heaters placed near cooling coils.
- Air Circulation: Two ISI-mark motors with balanced blowers for alternate and continuous circulation during both heating & cooling.
- Controls & Safety:
 - On/Off switches with indicator lights.
 - Digital controllers for monitoring and precision.

To work on	220/230VoltsAC.
Capacity	4 Cu.ft
Volume	117 Ltr.
Size(W x D x H)	455mmx 410mmx610 mm

M. S. Scientific Instrument Works

Country of Origin : INDIA

E-112, KH. NO. 77/9, BLK-E, RAJEEV NAGAR EXT.,
NEAR RAHUL PUBLIC SCHOOL, NEW DELHI- 110080 (INDIA)

