

Biological Oxygen Demand (BOD) Incubator

Microprocessor Based BOD(Biological Oxygen Demand) Incubators /Low Temperature Incubators that has been designed & fabricated to match various I.S. standards to Meet different bio chemical oxygen demand test equipment in various fields including medical, agricultural, industrial, research laboratories, storage sensitive culture, vaccines, culture of bacteria, microorganism, serum incubation, seed germination, various industries & more.



Model: AME/BOD/DXx



Model: AME/BOD/AXx

Features

- With a solid double walled door and a full view inner plexi-glass door enables inspection and monitoring of inner chamber specimens without distributing the process temperature.
- User-oriented design of shelves makes you adjust each space of shelves without difficulty.
- Forced air circulation by durable coaxial blower, maintains optimum temperature uniformity and homogeneity.
- Caster wheel mounted for easy portability
- Front double walled door is provided with lock and key arrangement
- Plexi-glass/acrylic door finish/ or double Door System (inner Door made by Plexi-glass/acrylic) that provides for easy inspections and monitoring of specimens without causing any disturbance in process temperature
- Door operated illumination lamp is fitted inside the chamber for easy visibility.



Technical Parameter

| MODEL | AME/BOD/AX3 | AME/BOD/AX4 | AME/BOD/AX6 |
|------------------------------|--|-------------|-------------|
| Inner Chamber (WxDxH mm)* | 400x450x450 | 455x410x610 | 505x415x830 |
| Capacity | 85 ltrs | 117 ltrs | 171 ltrs |
| Volume | 3.0 Cuft | 4 Cuft | 6.1Cuft |
| No. of Shelves | 2 | 2 | 3 |
| Outer body | Powder coated CRC Steel Sheet or Stainless Steel | | |
| Inner Chamber | Chamber and trays made of Stainless Steel / Aluminum | | |
| Air Circulation | Forced Convection Type through Blower | | |
| Cooling | Hermetically sealed air cooling compressor | | |
| Temperature Range | +5°C to 60°C (Resolution 0.1°C) | | |
| Accuracy | + 0.5 °C | | |
| Uniformity | ± 1 ° C throughout chamber | | |
| Safety | Over temperature limiter switch prevents overheating (Optional) | | |
| Temperature Controller | Microprocessor based Digital Temperature Indicator-cum-controller with LED Display for Set Value (SV) & Process Value (PV). (For Model AME/BOD/AXx) with PT-100 or Solid State Sensor Microprocessor LCD Display for Set Value (SV) & Process Value (PV) and Timer. (For Model AME/BOD/DXx) With PT-100 or Solid State Sensor | | |
| Profile Setting /Cycle Timer | 5-7 different Profile setting with LCD Display for 24hrsX7days cycles (Optional) | | |
| Alarm | Audio Visual Alarm for over Temperature (Optional) | | |
| Timer | User Selectable Timer for 9999Hr or 9999Min or 9999S mode | | |
| Nozzle | 2 No of Gas Nozzle Provide | | |
| Electric Supply | 220/230V AC, 50/60Hz | | |

* We will provide larger/smaller capacity and custom made BOD as per customer requirements

An ISO9001:2015 Certified Company