

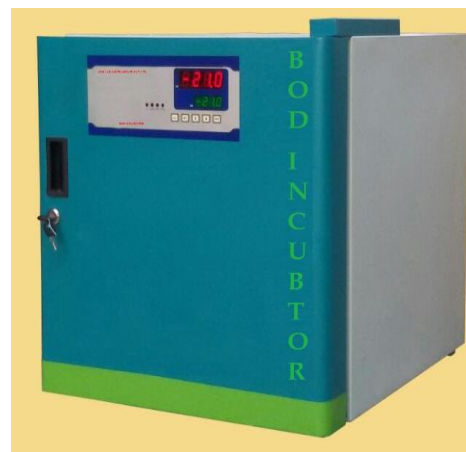
B.O.D INCUBATOR

APPLICATIONS

“APS” 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.

Often called low temperature incubators, our BOD Incubator systems are constructed with corrosion resistance stainless steel and fitted with branded instruments; offering reliable results and comfortable working all the time. The standard models are available from 85 liters to 450 liters of capacities; in addition, we also offer custom designing with choice of construction materials, instruments, optional accessories and other features as per budget of our clients. No doubt, we supply them all over India and overseas at highly competitive price.

- Most suitable for experiments requiring low temperature conditions like microorganism 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
- .



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.
- 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.

TECHNICAL SPECIFICATION & ORDERING INFORMATION

| | |
|-------------------------|--|
| Type | : Forced Convection Type |
| Freezer Compressor | : Hermetically sealed air cooling compressor system |
| Temperature Range | : 5°C to 50°C (Resolution 0.1°C) |
| Accuracy | : ±0.5°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

| MODEL | : APS#BOD-3 | APS#BOD-4 | APS#BOD-6 | APS#BOD-10 | APS#BOD-12 | APS#BOD-15 | APS#BOD-16 |
|----------------|--|-----------|-----------|------------|------------|------------|------------|
| Capacity | : 85 Ltrs | 112 Ltrs | 171 Ltrs | 280 Ltrs | 340 Ltrs | 420 Ltrs | 450 Ltrs |
| Volume | : 3 Cuft | 4 Cuft | 6 Cuft | 10 Cuft | 12 Cuft | 15 Cuft | 16 Cuft |
| No. of Shelves | : 2 | 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) | | | | | | |





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