

BOD INCUBATOR



Krew Instrument's **BOD Incubator** is a must-have for laboratories that require efficient and reliable incubation of microorganisms. Our BOD Incubator features advanced technology and user-friendly controls, allowing for precise control of temperature and cycle time. With a variety of customizable options, our BOD Incubator can be tailored to meet the needs of any laboratory. From simple incubation to complex experiments, our BOD Incubator provides a reliable and efficient solution for a wide range of laboratory applications.

APPLICATION

- Temperature testing is an essential part of R & D, Microbiology departments and formulation development.
- It helps to generate information based on which proposals are made for the shelf life of drug substances and products and recommended storage condition.
- Temperature data are required to be submitted as a part to the regulatory agencies for licensing approval.

KEY FEATURES

- Capacity of 100 Liters to 1000 Liters.
- Microprocessor controlled temperature control.
- Non - CFC compressor.
- Interior Illumination for working area.
- Specially designed Stainless Steel trays.
- Outer glass door (optional).
- Available in GMP and Standard variants.

TEMPERATURE SPECIFICATION

- Temperature range -5 °C to 60 °C
- Temperature accuracy- $\pm 0.5^{\circ}\text{C}$
- Uniformity - $\pm 1.0^{\circ}\text{C}$

CONSTRUCTION FEATURES

- Microprocessor based PID controller (Temperature controller) with high accuracy of $+0.2^{\circ}\text{C}$.
- Three wire RTD sensors.
- Safety Controller system for Temperature overshoot & undershoot with buzzer & LED in case the temperature controller fails.
- Additional Safety thermostat provided to prevent the temperature overshoot in case the safety controller fails.
- CFC Free Eco- Friendly cooling systems.
- Printer/PC interface for online/ offline print of data.
- Printout directly to Dot matrix printer or through a PC with data storage capacity of 2500 readings with print interval settable from 1-255mins.

APPLICATION

- Standard Model: Inner stainless steel (304) 0.8mm thickness and outer mild steel, 1.0mm thickness powder coated.
- GMP Model: Inner stainless steel (304) 0.8mm thickness and outer Stainless steel, 1.0mm thickness Mirror Finish.

DOCUMENTS

- Calibration certificate with supporting document of NABL Certificate (Govt. of India).
- User manual
- Warranty card

OPTIONAL ACCESSORIES

- Scanner (Data logger) with 4 or 8 sensors for continuous scanning of temperature uniformity.
- Standby Cooling System.
- Mobile alert through GSM.
- Door Access Security System.
- PLC for auto change over cooling system.
- Imported linear type Temperature sensors
- 21CFR Software

AVAILABLE CAPACITY

Model No.	Inner Size (H x W x D) in CMS	Volume (in Liters)	No of Trays
KCI - 10	50 x 45 x 45	100	2 Nos
KCI - 11	60 x 60 x 63	225	3 Nos
KCI - 12	90 x 60 x 60	320	4 Nos
KCI - 13	120 x 60 x 60	420	5 Nos
KCI - 14	120 x 65 x 65	500	5 Nos
KCI - 15	120 x 70 x 72	600	5 Nos
KCI - 16	125 x 80 x 80	800	5 Nos
KCI - 17	140 x 85 x 85	1000	6 Nos



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