

AMBINOVA TECHNOLOGIES PVT. LTD.

ISO : 9001:2015

ISO : 13485:2016

BOD INCUBATOR

► ECO SERIES

DESCRIPTION

Conduct applications that require temperatures ranging from +5° to +60°C with Low Temperature BOD Refrigerated Incubators. Available in 4 sizes, these incubators are ideal for biochemical oxygen demand (BOD) testing, bacterial research, seed germination, fish/insect breeding and much more. Features an efficient, dependable design with microprocessor controls and forced air circulation. Refrigerated incubator, generally called low-temperature incubator is design to maintain temperatures below ambient to as low as about 5°C.



KEY FEATURES

- Superior insulation that improves chamber stability and reduces heat load output to the laboratory and operation power consumption, that lowers operation cost.
- Excellent microprocessor PID control technology that ensures fast ramp time comprehensive diagnostic LEDs.
- Rigid glass door for observing samples inside the chamber during operation.
- High-quality 2-point door seal and eccentric hinge ensures maximum gasket comprehension for stable chamber temperature.
- Forced air circulation delivers excellent temperature stability. Providing fast and accurate results.
- CFC Free refrigeration unit and safety Devices to control refrigeration unit.
- Castor wheels for ease movement.
- Short circuit breaker & over load protection.
- Temperature safety device for overshoot temperature protection.
- Door open alarm after 60 Second (adjustable time).
- The interior chamber features a gently curved corner design that facilitates easy cleaning, thereby minimizing the risk of contamination.

OPTIONAL FEATURES

- Hight adjuster foot.
- Battery backup, Automatic Battery charging facility inbuilt in circuit provides up to 12hr of display provider.
- Emergency switch to shut down main power supply.
- Short circuit breaker & over Current, Over load protection.
- Earth leakage safety.
- Over current, over voltage protection.

SPECIFICATIONS

Model	AMBI-BOD-90	AMBI-BOD-150	AMBI-BOD-250	AMBI-BOD-400
Capacity	90 liters	150 liters	250 liters	400 liters
Temp Range (°C)	+5 to 60°C	+5 to 60°C	+5 to 60°C	+5 to 60°C
Temp uniformity (°C)	±1 At 37 °C	± 1 At 37 °C	± 1 At 37 °C	± 1 At 37 °C
Temp accuracy (°C)	±0.5 At 37 °C	±0.5 At 37 °C	±0.5 At 37 °C	±0.5 At 37 °C
Time Range	9 days 59 min.	9 days 59 min.	9 days 59 min.	9 days 59 min.
Glass View Door	Yes	Yes	Yes	Yes
Digital Display	LCD	LCD	LCD	LCD
Microcontroller Based	Yes	Yes	Yes	Yes
No. of Shelves	2	3	3	4
Inner Dimension (W x H x D)mm	416 x 450 x 554	507 x 548 x 559	601 x 620 x 635	750 x 600 x 900
Overall Dimension (W x H x D)mm	1237 x 694 x 907	1293 x 789 x 869	1423 x 864 x 930	930 x 960 x 1540
Packing Dimension (W x H x D)mm	1542 x 999 x 1212	1598 x 1094 x 1174	1728 x 1169 x 1234	1230 x 1260 x 1840
MOC Internals	SS304	SS304	SS304	SS304
MOC Outer Body	GI powder coated	GI powder coated	GI powder coated	GI powder coated
Castor Wheel	Yes	Yes	Yes	Yes

*Optional - Outer body material construction SS 304 sheet.

ABOUT COMPANY

Ambinova Technologies Pvt Ltd is dynamic and forward-thinking manufacturing company specializing in laboratory instruments designed for Life Science and Healthcare Laboratories. With a commitment to excellence, Ambinova has earned a reputation for producing high-quality, laboratory instruments that meet the evolving needs of scientific research, diagnostics, and analytical testing.

Mission:

Through innovative design, rigorous quality control, and a commitment to customer satisfaction, we strive to be the premier provider of reliable, accurate, and cutting-edge laboratory instruments. With a dedication to continuous improvement and technological advancement, we aim to enhance the efficiency, productivity, and success of scientific community.

Vision:

Our vision is to be one of the most trusted and value-adding companies Globally.

Products and Services:

Our extensive range of laboratory equipment includes Drybath, Incubators, Autoclaves, Laminar Air Flow, Shakers, and Laboratory Furniture. Each product is meticulously crafted using the qualified and tested materials and cutting-edge technology, ensuring optimal performance and reliability. Our talented team work collaboratively to drive progress, solve complex challenges, and deliver exceptional value to our clients.

CERTIFICATIONS



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