

AMBINOVA TECHNOLOGIES PVT. LTD.

ISO : 9001:2015

ISO : 13485:2016

BACTERIOLOGICAL INCUBATOR

DESCRIPTION

Ambinova forced convection laboratory incubator offers a temperature-regulated environment conducive to the cultivation of microbiological cultures through a forced convection mechanism. This incubator is capable of achieving temperatures as high as 65°C, starting from an ambient temperature of 5°C above the baseline.



KEY FEATURES

- Enhanced insulation enhances chamber stability while minimizing heat load output to the laboratory, thereby reducing operational power consumption and lowering overall operational costs.
- Advanced microprocessor PID control technology guarantees rapid ramp-up times and features comprehensive diagnostic LEDs.
- A sturdy glass door allows for the observation of samples within the chamber during operation.
- A high-quality two-point door seal and eccentric hinge ensure optimal gasket compression, maintaining a stable chamber temperature.
- Equipped with castor wheels for easy mobility, the unit also includes a short circuit breaker and overload protection for added safety.
- A safety thermostat is incorporated to prevent temperature overshoot.
- Forced-air circulation provides exceptional temperature stability, resulting in fast and precise outcomes.
- The interior of the chamber is designed with a smooth curve.

OPTIONAL FEATURES

- Over current , over voltage protection.
- Earth leakage safety.
- Do not on fan and heater for door open condition, audio visual alarm for door opening.

SPECIFICATIONS

Model	AMBI-GI-45	AMBI-GI-90	AMBI-GI-150	AMBI-GI-250	AMBI-GI-400
Capacity	45 liters	90 liters	150 liters	250 liters	400 liters
Temp Range	Amb +5 to 65°C	Amb +5 to 65°C	Amb +5 to 65°C	Amb +5 to 65°C	Amb +5 to 65°C
Temp uniformity	±1 At 37 °C	±1 At 37 °C	±1 At 37 °C	±1 At 37 °C	±1 At 37 °C
Temp accuracy	±0.5 At 37 °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.	9 days 59 min.
Glass View Door	Yes	Yes	Yes	Yes	Yes
Digital Door	Yes	Yes	Yes	Yes	Yes
Microcontroller Based	Yes	Yes	Yes	Yes	Yes
No. of Shelves	2	2	3	3	4
Inner Dimension (H x W x D) mm	348 x 350 x 348	448 x 450 x 448	598 x 600 x 524	784 x 546 x 572	750 x 600 x 900
Overall Dimension (H x W x D) mm	708 x 596 x 655	818 x 719 x 753	1077 x 876 x 838	1219 x 799 x 883	915x 885 x 1225
Packing Dimension (H x W x D) mm	1014 x 901 x 960	448 x 450 x 448	1382 x 1181 x 1143	1524 x 1104 x 1188	1215 x 1185 x 1525
MOC Internals	SS304	SS304	SS304	SS304	SS304
MOC Body	MS/SS	MS/SS	MS/SS	MS/SS	MS/SS
Castor Wheel	Yes	Yes	Yes	Yes	Yes
Hight Adjuster (Customized)	Yes	Yes	Yes	Yes	Yes
MOC SS 304 (Customized)	Yes	Yes	Yes	Yes	Yes

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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