

Bacteriological Incubator

Model No-ATI-121



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Bacteriological incubator is used for the incubation of biological products such as bacterial culture under controlled conditions. Obromax bacteriological incubators exhibit an exceptional lifespan with minimal maintenance as we manufactured our bacteriological incubator from the highest quality stainless steel, and epoxy powder coated exteriors. Obromax bacteriological incubator is available with digital temperature controller with thermocouple sensor for better temperature accuracy. Our incubators are designed to satisfy a wide array of needs of any Research Laboratory for cultivation of bacteria and for facilitating biological test. These units are designed to satisfy a wide array of needs of any Research Laboratory for cultivation of bacteria and for facilitating biological test.

Bacteriological incubator is also used in

- microbiology,
- biochemistry,
- in the dairy and food processing industries and
- in water and sewage treatment plants.

Salient Features:

- Energy Efficient
- robust construction
- Low maintenance
- Reliable
- CFC free cooling
- Customizable
- Thermal Efficient Insulation

Construction :-

- Inner chamber is made up of high grade stainless steel SS-304 (SS-316 is optional)
- Outer chamber is made up of epoxy coated mild steel (SS-304 is optional)
- Tray is also supplied to make the shelves inside the chamber.
- Glass Wool Insulation: reduces heat losses in cabinet for better sensitivity and economical operations with minimal impact on the environment.
- Forced air circulation in the chamber by a blower ensures uniform temperature and humidity inside the chamber.
- Door: is provided with magnetic door closer and its outer body is made of powder coated MS and inner is made of SS-304.

Heating: is done with ISI marked strip type heaters placed around the inner chamber. The warm air is evenly distributed throughout the chamber through efficient motor fans ensuring very good temperature sensitivity

Cooling: We use energy efficient ISI marked high end CFC free compressors conforming to latest international standards and guidelines.

Humidity Range : Optional feature

Humidification: (Optional) Humidity is achieved by generating of steam by immersion type water heater in water reservoir & its subsequent condensation in the circulating air.

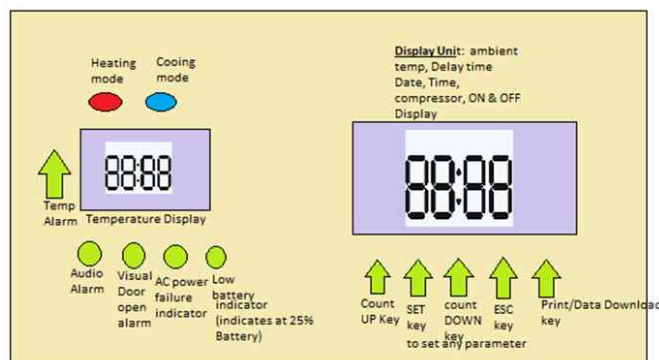
Temperature Control: The temperature inside our chambers is controlled through programmable micro-processor based temperature controller cum indicator.

Temperature Range: ambient to 70 degree C

Temperature Sensitivity: Temperature inside our environmental chambers is controlled with a sensitivity of + 0.5°C or better.

Air Circulation: circulated by ISI mark silicon winded motors which are connected to balanced blowers.

Microcontroller Based Control Panel



Technical Specifications

Construction	Inner	SS-304
	Outer	Powder coated MS
	Door	Inner SS-304 and outer MS
Temperature	Range	Ambient to 70 deg C
	Deviation	+ 0.5 degree C
	Readability	+ 0.5 degree C
Shelves	Number	2
	Dimension	According to inner size of cabinet
	Maximum load	20 kg
Humidity range		Optional
Controller		PID controller
Display		LED
Serial Data Port		RS 232
Power consumption		230 V, 50 Hz
Castors		Lockable

Sizes (Customizable)

Dimensions	Volume (ltrs)
300 X 300 X300 mm	27
355 x 355 x 355 mm	45
455 x 455 x 455 mm	95
455 x 455 x 605 mm	125
605 x 455 x 910 mm	250
605 x 605 x 910 mm	330

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