



## Bod Incubator – Prima Series



Led Display with Feather Touch Controls

**BOD Incubator** is a unique test cabinet designed to create low temperature inside the chamber to detect the change in the physical characteristics of material and to ascertain the actual working life of testing device. Biological oxygen Demand Incubator are used for testing at low temperature.

Available in Digital Models and Various capacities.

- Menu driven graphical user interface
- Temperature control through PT-100 sensor
- Graphical LCD display with user friendly messages in form of messages and values
- Alarm system with buzz sound at test start and end process
- Highly accurate test results under uniform temperatures level in the chamber
- High Grade imported Glass Wool insulation.
- Maximum Thermal Efficiency by insulation means.
- Feather touch controls
- Profile programming upto 8 programs. Set different temperatures for different time intervals.
- Automatic heat cool operation control.
- Easy Data Management. User can create product identification, test details etc.
- Profile Settings helps to enter temperature, program no, and test start time, test stop time.
- Inbuilt hardware/software CD
- SSR based heaters
- Fan relay for Fan operation
- RTC based timer controls
- PID parameters set table in menu
- In built Auto tuning function
- Provision to set PV and SV value
- Password protection
- Inbuilt Calibration feature with reference to master PID controller
- Setting to RTD PT-100 sensor through advanced PID controller
- Auto stop feature to stop machine before set time
- Inbuilt light sensor provided for Auto On of light in chamber when door is opened.

**Optional :**

- RS-232 Interface for data logging
- Logs Interval setting





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Equipped with CFC free refrigerants the instrument performs incubation procedures required in various industries.

## Key Specifications:

Capacity	150 litres
Display	LCD (Digital)
Accuracy	± 2°C
Least Count/Resolution	0.1°C
Power	15A,220V , Single phase, 50 Hz
Temperature Range	10°C to 60°C
Timer	Upto 99 Hrs

## Highlights:

No. of Sample racks	2
Handle	Yes
LED Indications	Heating, Cooling, Timer, Fan, Alarm
Communication	RS-232
Temperature Sensor	1 (PT-100)
Material	Mild Steel (Outer Body) Stainless Steel (Inner Body)
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Sample Inspection	Easy to viewing light available

## Optional Features :

Thermal Printing Facility for Data logging.

\* Other sizes available on request

Thank you customers for choosing us as your partners in growth !



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## OUR OTHER PRODUCTS :-

					
Hot Air Oven Prima	Humidity Chamber	Cupping Machine	Salt Spray Chamber Korrox - III	Scratch Hardness Tester Motorised	Tensile Testing Machine

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