

# Laboratory BOD Incubator



**TOPLAB INDIA'S** Laboratory BOD incubator is a superb low temperature incubation performance using a noiseless compressor cooling system which reduces water evaporation within the chambers. It has been developed in order to achieve reliability, accuracy and security for the entire temperature range, with low power consumption. In order to achieve these features the latest technologies for cooling, temperature control and insulation were used. It is applicable in life-science, pharmacy, medical science, chemistry, biology, and related fields for storage of samples which need a constant temperature and for incubation.

## Technical Features:

- Applicable in life-science, pharmacy, medical science, chemistry, biology, and related fields for storage of samples which need a constant temperature and for incubation.
- Cabinet is double walled with inner chamber of stainless steel & outer body of M.S. Sheet duly powder coated/SS304 outer body in complete Stainless Steel GMP model also available.
- It is mounted on Castor wheels.
- Double walled back of the unit is fitted with air circulation fan for maintaining temperature uniformity throughout the chamber.
- Digital temperature display and control.
- PID controller for fast set value of temperature and stable in operation.
- PT100 Temperature sensor for precise temperature measurement.
- Temperature measure unit can be set as either °C or °F.
- Front panel is provided with separate indicator lamps for main, heating & incoming voltage.
- Branded compressor and circulating fan, environmental protection cryogen(R134a)CFC-Free, with high efficiency. Use Freon-Free Compressor to protect environment.
- The gap between two walls is filled with puff insulation
- Supplied with Stainless Steel adjustable shelves.
- Fitted with door operated illumination lamp inside the chamber.
- Safety Features: Built in Temperature deviation audio visual alarm, Safety thermostat for overshoot temperature cut-off system, HRC fuses for compressor & mains time daily circuit for safety of compressor.
- Safety Door Lock: Lock & Key arrangement is provided in the double walled outer door.

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### Technical Specification:

MODEL		TL-115-BOD	TL-170-BOD	TL-285-BOD
Chamber Volume ( Litre)		115 L	170 L	285 L
Chamber Size Cu.Ft		4 Cu.Ft	6 Cu.Ft	10 Cu.Ft
Temperature (°C)	Range	+5°C ~ 60°C		
	Accuracy	±1°C		
	Resolution	0.1°C		
	Variation@50°C	±2°C		
Display		Digital LED display with touch keypads		
Temp. Controller		PID based Digital Temp indicator cum controller		
Outer Body Material		Heavy duty Powder coated MS /SS304 Complete SS Body		
Inner Chamber Material		Stainless Steel (SS 304)		
Number of Shelves		2 pcs	3 pcs	4 pcs
Chamber Dimension (WxDxH)inch		18"x16"x24"	20"x17"x34"	23"x22"x35"
Chamber Dimension (WxDxH)cm		45x40x60	50x43x86	60x55x90
Weight (Kg) approx		45 Kg	55Kg	70Kg
Electrical Requirements		AC 230V ,50HZ/60Hz		

**Note: To Order BOD incubator (GMP Model) with complete Stainless Steel body construction (SS304 inner & outer), use SS to mention in the Model Number as e.g. TL-XXX-BOD-SS.**



**Distributor:**

**Product by:**

**TOPLAB INDIA**

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