

BOD INCUBATOR

BOD INCUBATOR

A BOD incubator, or Biological Oxygen Demand incubator, is a laboratory instrument that measures the amount of oxygen required by microorganisms to break down organic matter in a sample. It's used in many fields, including microbiology, environmental science, and pharmaceutical research. BOD incubators are used to culture bacteria and other microorganisms. They can also be used to study the growth of infection-causing bacteria.

Features:

- Temp. range is from 5°C to 60°C and is controlled by Digital temperature Indicator Cum Controller with PT-100 sensor. This controller is provided with time delay relay to control the accuracy in maintaining the temperature. Temperature is maintained with an accuracy of 0.5°C.
- Cooling is done with ISI Mark compressor of KIRLOSKAR or any standard make which is connected to thick copper coils placed in the rear of the chamber through condenser, fan motor, capacitor, relay etc. Whole cooling unit is placed below the main chamber in a G. I. housing.
- Heating is done with ISI mark strip type heaters placed near the cooling coils. AIR CIRCULATION: Air is circulated by 2 nos. ISI mark Silicon wound motors which are connected to balanced blowers which operates alternatively and continuously with heating and cooling
- Interior Illumination is done with the help of 3 nos. fluorescent tubes 60 cm. Long of 20 w each placed vertically in the back wall with separate On/Off switch for all lights. Provided with Automatic 0-24 hours Timer for cyclic illumination
- Provided with On/Off switch, Indicators, Digital Controller etc.





TECHNICAL PARAMETERS

Model	Inner Chamber Sizes W x D x H	Product Name	Capacity in Cu.ft	Capacity (Approx)
BI010	455 x 410 x 610mm	BOD Incubator	4 cu.ft	112 ltrs
BI020	505 x 415 x 830mm	BOD Incubator	6 cu.ft	171ltrs
BI030	565 x 565 x 865mm	BOD Incubator	10 cu.ft	280 ltrs
BI040	650 x 580 x 900mm	BOD Incubator	12 cu.ft	336 ltrs
BI050	700 x 650 x 900mm	BOD Incubator	15 cu.ft	420 ltrs

BR BIOCHEM LIFE SCIENCES PVT. LTD.

06, S.F. Gopal Nagar , Fateh Nagar, New Delhi-110018 ,India

Ph: +91 11 43033662/4, +91 8860082777

EMAIL: info@brbls.com | www.brbls.com



We are available on  **GeM**
Government
e Marketplace