

BOD Incubators (Cool Incubators)

Temperature Range: 10°C to 60°C

Incubators are required for the laboratory growth of Micro-organism . They are required to provide an in-vitro environment for the optimum growth of cell tissues and organisms. Incubators are used for the growth of microorganisms in many fields, including pharmaceuticals, agricultural, environmental, food, industrial microbiology, public health, basic research, and education.

BOD (biological oxygen demand) is a type of test used to measure the amount of dissolved oxygen needed by microorganisms in water source to breakdown the organic matter. The reason why this Chamber is called a BOD incubator because this chamber provides 20°C to 25°C temperature with precision required to perform the BOD test. Hence its named as BOD Incubator or cooling incubator

Salient features



Tech Specs



Telescopic Tray



High Quality PT100 Temperature sensor



Forced air circulation for uniform distribution

Innovative features



Alarms



Safety devices



Remote Alarm Contact



ICDAS Compatible



MEGVID Compatible

BOD Incubators (Cool Incubators)

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- We are one stop solutions that includes:
- Installations and Commissioning
- DQ, IQ, OQ, PQ documentation
- Training
- Online Support
- Annual Maintenance Contract

Applications

The BOD Incubators are ideal for gentle incubation and growth of microbes esp bacterial cultures. In the Pharma industry BOD Incubators are used for Sterility testing,

- MLT testing,
- Environmental testing,
- Water testing etc.

At a temperature of 22.5°C to 32°C, this incubator is also useful in media preparation.

SPECIFICATIONS

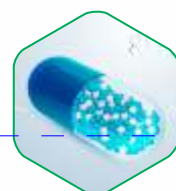
- Temperature Range : 10°C to 60°C
- Temperature Accuracy : $\pm 0.5^\circ\text{C}$
- Temperature Uniformity : $\pm 1^\circ\text{C}$

Power supply: 230 volts 50 Hz main supply. Also available with 60 Hz Cycle.

Optional Accessories

- ICDAS - A Common Software suitable for all Newtronic make equipments
- 4 pt. Temperature Scanner
- Stand by Cooling System with auto switch over (430 liter & above)
- Door Access system (Biometric/Numeric)
- Remote alarm system suitable for 4 nos. Newtronic make equipments.
- Mobile Alert system

Industrial Applications



Pharmaceutical



Biotechnology



Cosmetic



Food & Beverages



Microbiology

Selection Guide

Model	Capacity		Internal Size H* w* D*(mm)	External Size H* w* D*(mm)	Number of Trays	Tray Size (mm)	Equipment Weight (kg)
	Cu Ft.	Liter					
NLBI7SI	7	200	800 x 500 x 500	1350 x 630 x 945	3	430 X 460	150
NLBI16SI	16	430	1200 x 600 x 600	1795 x 630 x 945	4	530 X 560	250
NLBI26SI	26	735	1500 x 700 x 700	2050 x 895 x 1205	5	630 X 660	275
NLBI34SI	34	1000	1500 x 800 x 800	2095 x 930 x 1295	5	730 X 760	350
NLBI54SI	54	1500	1500 x 1600 x 600	2095 x 1760 x 1095	10	710 X 560	350
NLBI71SI	71	2000	1500 x 1600 x 800	2095 x 1760 x 1095	10	710 X 560	375

* Newtronic reserve the rights to change the product specifications without prior notice