



Enviro Systems

Simplifying climatic world

+4°C to 60°C

Bio Oxygen Demand



BOD SERIES

About me !

Q vary



- ✓ Inner fully made from stainless steel 304L along with trays and clips..
- ✓ Inner lamps provided.
- ✓ Lock provided.
- ✓ Door open alarm provided
- ✓ Trays for adjustable type

- ✓ Temperature maintain accuracy is $\pm 0.5^{\circ}\text{C}$
- ✓ Fully automatic function, so don't worry about heating or cooling mode.
- ✓ Communications are available RS 485
- ✓ Remote alarm available

Viewing windows or fully hard door and Fully glass door are available



Refrigerated Incubators, often called B.O.D Incubators or Low Temperature Incubators, are commonly used for applications such as B.O.D. Determinations,

- Plant and Insect Studies,
- Fermentation Studies,
- Bacterial Culturing .

Q vary offers Refrigerated Incubators at various sizes, combined with the superior temperature control and recording features. Forced air cooling technology ensures the temperature uniformity ,faster cooling and future provided to models for **ECONOMIC** and **PREMIUM viewing** of stored Products



GMP Model
Available
Inner Chamber
made of Stainless
Steel (SS 316) mirror
finish & Outer SS304
matt finish.



BOD | Refrigerated
SERIES | Incubators

Catalog # Parameters	BOD200	BOD360	BOD430	BOD530	BOD955
Capacity	210 Litres	365 Litres	430 Litres	530 Litres	955 Litres
Inner Dimensions L x B x H, mm	420 x 506 x 1000	500 x 550 x 1300	500 x 550 x 1634	640 x 540 x 1600	1050 x 600 x 1590
Outer Dimensions L x B x H, mm	500 x 655 x 1477	583 x 710 x 1840	583 x 710 x 2050	720 x 710 x 2053	1132 x 765 x 2100
No. of Trays	3	4	5	5	10

ECONOMIC Features:

Hermetically sealed, commercially available, India make compressors. Fixed/Removable shelves (in upright refrigerator). Cam type latch to provide one handed operation and to ensure secure door closure. Tools free filter access. One year comprehensive warranty.

PREMIUM Features:

The BOD **PREMIUM** provides reliable and precise temperature for storing whole Products. BOD **PREMIUM** stores up to 1000 Litter volume. It is made in a exclusive stainless steel cabinet. Among many useful features the BOD **PREMIUM** is equipped with an ergonomic full -door handle, integrated battery backup and energy saving LED lightning for clear viewing of stored Products

Specifications	ECONOMIC Features	PREMIUM Features
Temperature range	+2°C to +60°Cwith 0.1°C display resolution and increment.	+2°C to +60°Cwith 0.1°C display resolution and increment.
Insulation thickness	50 mm PUF insulation	50 mm PUF insulation
Cabinet material	Stainless steel SS304	Stainless steel SS304
Outer material	Powder coated CRCA	Powder coated CRCA
Controller type	PID controller with set & process value display	Microprocessor PLC based controller with HMI set & process value display data logging function.
Temp. sensor	RTD type PT100 sensor	RTD type PT100 A class sensor
Temp. deviation alarm	Set value +/- 2°C	Set value +/- 0.5°C
Evaporator	Fin and tube type forced convection	Fin and tube type forced convection
Refrigerant	R134a (CFC, HCFC free refrigerant)	R134a (CFC, HCFC free refrigerant)
Communication	-	RS485 Interface available
Defrost	-	Auto defrosting function
Drawers	Trays only SS304	SS 304L ball baring standard type
Drawers load capacity	Maximum 10 Kg per tray (BOD125model)	Maximum 20Kgs per tray (BOD200 model)
Alarm function	Temperature deviations only, Door open, only	Door open, Temperature deviation, power failure, Probe failure, defrosting
Data logging	-	yes

****Note ;** Optional future
Chart Recorder : 7 Days circular chart recorder.
Remote alarm function, Printout function**



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Q VARY Products

Chambers

- ⇒ Temperature Chambers (T)
- ⇒ Humidity Chambers (T & RH)
- ⇒ Stability Chambers
- ⇒ Walk In Chambers
- ⇒ Cold Rooms
- ⇒ Freezer Rooms
- ⇒ Cyclic Chambers
- ⇒ Growth Chambers

Chillers

- ⇒ Air Cooled Chillers
- ⇒ Water Cooled Chillers
- ⇒ Process Chillers

Incubators & Ovens

- ⇒ Incubator s
- ⇒ Cooling Incubators (BOD)
- ⇒ Hot Air Ovens
- ⇒ Vacuum Ovens

Freezers

- ⇒ Ultra Low Temperature Freezers (-80⁰ C)
- ⇒ Blood Component Freezers (-80°C)
- ⇒ Deep Freezers & Plasma Freezers (-40⁰ C)
- ⇒ Low Temperature Freezers (-20⁰ C)
- ⇒ Glycol Freezers
- ⇒ Blast Freezers
- ⇒ Spot Freezers

Refrigerators

- ⇒ Lab Refrigerators
- ⇒ Blood Bag Refrigerators
- ⇒ Glycol Refrigerators

Ice Makers

- ⇒ Ice Cubes Makers
- ⇒ Ice Flakes Makers

Freeze Dryers

- ⇒ Lyophilizes

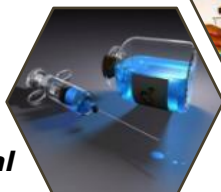
Research



Industries



Medical



Blood Banks



Institutes





Q Vary enviro systems

SIMPLIFY CLAIMATIC WORLD

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