

BOD INCUBATOR

TI - 500 SERIES

TECHNICAL DATA

Temp. Range	:	5°C to 60°C
Temp. Accuracy	:	± 0.5°C
Supply	:	230V, AC

"Tempo" make BOD incubators are manufactured to comply requirement of Industries. Specifically designed for long term and stable continuous operation ideal for Pharmaceuticals, Bio technology and Research institutions for storage and incubation studies. Incubators to provide condition for optimal growth of Microbiology cultures, Biological labs for preservation of vaccines, Serological and compliment fixation tests, General low temperature uses in physical /chemical labs, R&D Center, Quality Control Laboratory, General laboratories of industries, Pharmaceuticals, Chemicals, Petrochemicals, Oil & Gas, Cement, Pulp and Paper, Fertilizers, Defence, Railways, Paint etc...

CONSTRUCTION

"Tempo" BOD Incubator is made of double walled construction with thick high grade PUF insulation. Full view inner acrylic door & front door with gasket & locking arrangement. Motorized Blower at back side of the chamber develops unique air flow system to maintain uniform temperature condition inside the chamber. Unique air flow assures quick recovery after door openings. The unit is provided with user friendly adjustable specially designed S.S rod trays, ensures uniform temperature distribution.. The equipment is mounted on castor wheels for easy movement.

Controlling System

Microprocessor based auto tune PID temp. controller with dual display of set value & process value for precise control of temperature.



Sensor

PT 100 sensor is used for sensing the temperature..

Heating System

High quality S.S. tubular heaters are used for better heating.

Refrigeration System

CFC Free hermetically sealed Emerson Copeland make compressor for better cooling with R134 A (Eco Friendly) refrigerant with time delay to safe guard compressor system.

Validation Port

50mm validation port hole with silicon rubber seal to insert sensor for validation

FEATURES

Full view observation Acrylic door with gasket to observe sample inside the chamber.

Interior illumination for working area.

Specially designed stainless steel rod trays ensure uniform temperature distribution.

SAFETY FEATURES

Safety standby thermostat to cut off heater supply in case of overshoot of temperature.

In built over load protector provided for hermetically sealed compressor.

Compressor ON delay timer (2min) to safe guard the compressor.

OPTIONAL FEATURES

- PLC Based Control System
- Stand by Refrigeration System.
- Ethernet / RS485 Communication
- Data Logger.
- Data Scanner complete with sensor
- SMS Mobile Alert system
- Door access security system
- Safety digital temperature controller
- Digital Timer
- CFR 21 Part 11 compliance software

TECHNICAL DATA

Cat. No.	Capacity Liters	Internal Dimension H x W x D (cm)	Trays
TI - 500 S/G	100	50 x 50 x 40	2
TI - 501 S/G	170	70 x 60 x 40	2
TI - 502 S/G	200	60 x 60 x 60	2
TI - 503 S/G	285	80 x 60 x 60	3
TI - 504 S/G	325	90 x 60 x 60	4
TI - 505 S/G	400	110 x 60 x 60	4
TI - 506 S/G	600	125 x 70 x 70	4
TI - 507 S/G	800	125 x 80 x 80	5
TI - 508S/G	1000	157 x 80 x 80	5
TI - 509 S/G	1500 (Double Door)	146 x 150 x 69	10
TI - 510 S/G	2000 (Double Door)	146 x 150 x 92	10

S --> Standard Model

STANDARD MODEL

Inside S.S. 304 with mirror polish & Outside mild steel powder coated

G --> GMP Model

GMP MODEL

Inside S.S. 316 with mirror polish & Outside stainless steel 304 with dull buff finish

Note : The product specification and models are subject to change due to continuous Research & development.

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ISO 9001:2008



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Tempo

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