

BACTERIOLOGICAL INCUBATOR

TI - 90 SERIES

TECHNICAL DATA

Temp. Range	:	5°C above ambient to 60°C
Temp. Accuracy	:	± 0.2°C
Supply	:	230V, AC

"Tempo" make Bacteriological Incubator are specifically designed for Research laboratories, Engineering Lab, Pharmaceutical Lab, Cosmetic Industry, Chemical Lab, Clinical Lab, Microbiological Determination, Pharmaceutical Stability Assays, Food Processing, QC

"Tempo" make Bacteriological Incubator are made of double walled construction. Full view inner acrylic door & front door with gasket & lock. Motorized blower is fitted on the back side for uniform temperature (Only Forced Air recirculation model) . Insulation is provided by means of suitable PUF insulation. The unit is provided with adjustable stainless steel rod trays.

CONSTRUCTION

Controlling System

Microprocessor based auto tune PID temp. controller with dual display of set value & process value for precise control of temperature with PT 100 sensor is used for temperature .

Heating System

Forced Air Circulation Model - High Quality S.S. Tubular heaters are used for better heating conditions.

Natural Convection Model - Heating elements made from the best quality Kanthal / Nichrome wire are used on refractory supports.

Air Circulation (Only For Forced Air Circulation)

Motorized blower at back side of the chamber develops unique air flow system which ensure maximum uniform temperature distribution inside the chamber. Unique air flow assures quick recovery after door openings.



FEATURES

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

Specially designed stainless steel rod trays which ensure uniform temperature distribution..

SAFETY FEATURES

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

OPTIONAL FEATURES

- Data Logger.
- CFR 21 Part 11 compliance software for data logger.
- Data Scanner complete with sensor
- Safety digital temperature controller
- Timer

TECHNICAL DATA

Forced Air Recirculation Model

Cat. No.	Capacity Liters	Internal Dimension H x W x D (cm)	Trays
TI - 90 A S/G	43	35 x 35 x 35	2
TI - 90 B S/G	91	45 x 45 x 45	2
TI - 90 C S/G	100	50 x 50 x 40	2
TI - 90 D S/G	170	70 x 60 x 40	2
TI - 90 E S/G	200	60 x 60 x 60	2
TI - 90 F S/G	285	80 x 60 x 60	3
TI - 90 G S/G	325	90 x 60 x 60	4
TI - 90 H S/G	400	110 x 60 x 60	4
TI - 90 I S/G	600	125 x 70 x 70	4
TI - 90 J S/G	800	125 x 80 x 80	5
TI - 90 K S/G	1000	157 x 80 x 80	5
TI - 90 L S/G	1500 (Double Door)	146 x 150 x 69	10
TI - 90 M S/G	2000 (Double Door)	146 x 150 x 92	10

Natural Convection Model

Cat. No.	Capacity Liters	Internal Dimension H x W x D (cm)	Trays
TI - 90 A	43	35 x 35 x 35	2
TI - 90 B	91	45 x 45 x 45	2

S --> Standard Model

STANDARD MODEL

Inside S.S. 304 with mirror polish & Outside Mild Steel duly 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 design & specification are subject to change due to continuous Research & development.

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ISO 9001:2008



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