

# LABORATORY PRECISION OVEN

TI - 128 SERIES (Forced Air Circulation)

## TECHNICAL DATA

Temp. Range	:	5°C above ambient to 250°C
Temp. Accuracy	:	± 0.2°C
Temp. Uniformity	:	± 5°C
Supply	:	230V, AC, 50Hz

"Tempo" make Lab Precision Oven are with forced air circulation provided by means of motorized blower fitted on the oven for re-circulation of air ensures a homogenous hot air mixture and an exact temperature profile. Ovens are made of Triple walled construction. The unit is insulated with 3" high grade glass wool. Single door fitted on heavy hinges. The unit is provided with user friendly adjustable stainless steel rod mesh trays.

### 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

S. S. tubular heating elements used on side walls to maintain uniform condition inside the chamber.

### Air Recirculation

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



## FEATURES

Single door fitted on heavy cast & chromium plated hinges with spring & roller type latch with asbestos gasket to avoid heat loss.

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/scanner.
- Data Scanner complete with sensor
- Safety digital temperature controller
- Timer

## TECHNICAL DATA

Cat. No.	Capacity Liters	Internal Dimension H x W x D (cm)	Trays
TI - 128 A	43	35 x 35 x 35	2
TI - 128 B	91	45 x 45 x 45	2
TI - 128 C	122	60 x 45 x 45	3
TI - 128 D	216	60 x 60 x 60	3
TI - 128 E	324	90 x 60 x 60	4
TI - 128 F	400	110 x 60 x 60	4
TI - 128 G	600	125 x 70 x 70	4
TI - 128 H	800	125 x 80 x 80	5
TI - 128 I	1000	157 x 80 x 80	5

## STANDARD MODEL

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

## 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 9001:2015



ISO 13485:2012



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**Tempo**

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