

DEEP FREEZER

TI-820 SERIES

TECHNICAL DATA

Temperature Range	:	-20°C
Temperature Accuracy	:	± 3°C
Supply	:	230V, AC, 50Hz

Tempo make Deep Freezer are designed to provide an ideal freezing environment for advanced medical and industrial applications and also suitable for Research Laboratories, Blood Bank, Biological Use includes preservation of Plasma, blood components, vaccines, etc.

CONSTRUCTION

Double walled construction.
3" Thick PUF Insulation ensures stable temperature with reduced energy consumption.



Temperature Control

Temperature Control : By means of Imported Microprocessor based auto tuned PID controller with CE mark dual display of set value process value.

Refrigeration System

Refrigeration by means of CFC Free hermitically sealed Emerson Copland make compressor with R 134A for better cooling.

Full view observation Glass/Acrylic door with gasket to observe sample in side the chamber.

Specially designed stainless steel rod trays ensure uniform temperature distribution.

FEATURES

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

Specially designed stainless steel rod trays ensure uniform temperature distribution.

SAFETY FEATURES

In built over load protector provided for hermetically sealed compressor.

OPTIONAL FEATURES

- PLC for auto change over for standby refrigeration system with HMI
- CFR 21 part 11 compliance software for PLC with RS 485 or Ethernet communication
- Stand by refrigeration system
- Data Logger
- CFR 21 part 11 compliance software for data logger
- Data scanner complete with sensor
- SMS Mobile alert system
- Door access security system
- Safety digital temperature controller
- Timer

TECHNICAL DATA

Models (S) or (G)	Capacity Liters	Internal size H x W x D cm	Trays
TI - 821 S / G	100	50 x 50 x 40	2
TI - 822 S / G	170	70 x 60 x 40	2
TI - 823 S / G	200	60 x 60 x 60	2
TI - 824 S / G	285	80 x 60 x 60	3
TI - 825 S / G	325	90 x 60 x 60	4
TI - 826 S / G	400	110 x 60 x 60	4
TI - 827 S / G	500	105 x 70 x 70	4
TI - 828 S / G	600	125 x 70 x 70	6

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 nish

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

TEMPO INSTRUMENTS PVT. LTD.

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ISO 9001:2015



ISO 13485:2012



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