

55 years of
excellence

Deep Freezer (-20°C)



THERMOLAB -20°C Deep Freezer are equipped with the unique feature of automatic defrost system maintaining the temperature within $\pm 5^{\circ}\text{C}$ during defrost cycle.

Standard Features:

- Inside Stainless Steel and Outside Mild Steel Powder Coated OR Stainless Steel.
- Set Condition -20°C ± 5°C Temperature range.
- Approx. 100 mm Thick PUF Insulation.
- CFC free refrigeration System.
- Safety systems for temperature overshoot or undershoot.
- PLC Control System with 7 colour Touchscreen HMI.
- Standby refrigeration system with auto changeover.
- Automatic defrost.
- Temperature is maintained within ± 5° during defrost cycle.
- Complete with IQ, OQ, PQ documents, Operations & Maintenance manuals.



Optional Features:

- 21 CFR Part 11 compliant window based communication software for data management.
- Scanner 4 point temperature complete with Sensors and Data logging facility.
- Door Access Security system.
- Mobile Alert system.
- Security Alarm System.

Technical Data

Model No. (S) or (G)	TD- 400	TD- 665	TD- 835
Internal Cu. FT / LTR	14.13 / 400	23.48 / 665	29.49 / 835
Capacity	400 Liters	665 liters	835 liters
Internal Size (W x D x H cms)	56 x 55 x 128.5	76 x 72 x 121	76 x 72 x 153
External Size (W x D x H cms)	75 x 85 x 189.5	95 x 110.5 x 185	95 x 110.5 x 229.5
Temperature Uniformity	± 5 °C	± 5 °C	± 5 °C
No of Trays	3	4	5

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Unit II



Unit I



"As part of our continuous improvement program, design specifications and photographs given in this brochure are subject to change without notice and without attracting obligations for pre modification to equipment previously sold"