

DEEP FREEZER (-20°C)



Digital Temperature Display
4.3"/7.1 Touch Screen Display for viewing the temperature, alarms and previous week records.

Lifetime Comfortable Access

Full length handle for easy access from all heights.

Key locking system

High quality locks for locking the door from unauthorized access



Refrigeration

High efficiency cooling fans and Low-noise compressors, Noise level 50dB



USB Interface

Enables users to download historical temperature data for compliance/auditing purposes

Powder Coated

Powder Coating for Scratch and Corrosion Resistance

Door Hinge

heavy duty door hinge

pre-filters

Easy access to removable and washable air filter enables resulting in better performance

Lockable Castor wheels

Heavy duty lockable Castor wheels for locking the equipment in place

Model Available:-X1/X2 LD 100, 200, 300, 400, 500, 600, 700, 800

Technical Features

The Deep freezers are designed for extreme operating efficiency, with an operating temperature range from **-25°C to -45°C** and a precise **±0.5°C** accuracy at **-40°C**, ensuring impeccable preservation of valuable contents. Equipped with a **microprocessor-based eye-level positioning controller** and **4.3/7.1" LCD touch screen**, users can easily monitor critical parameters such as temperature, door status, and compressor activity. The interior is constructed from durable **AISI 304-grade stainless steel**, while the exterior is made from **non-corrosive CRCA/HDGI sheet metal** with powder coating for added resilience. With **up to 155mm of Polyurethane/VIP Foam insulation**, these freezers provide optimal thermal performance, and the **triple-layered silicon gasket-sealed door** minimizes cold loss. Security is enhanced with a **key lock, padlock provision**, and optional **RFID or fingerprint access**. The **inkless, paperless digital circular graphical chart recorder** ensures accurate data tracking, and **visual and audible alerts** notify users of door status, power failures, and temperature deviations. Powered by a **dual compressor cascade system**, these freezers are **CFC and HCFC-free**, operate with minimal noise levels of **50 dB**, and offer **heavy-duty lockable castor wheels** for easy mobility. Optional features include **SMS alerts** for temperature deviations and **central monitoring ports**. The freezers are versatile, operating on **220V to 240V, 50Hz, single-phase A.C.**, ensuring adaptability to different power setups.