

MEHROTRA Biotech

DEEP FREEZER

RELIABLE COLD STORAGE

SOLUTION FOR MEDI-



INTRODUCING

DEEP FREEZERS DFS SERIES

Mehrotra Biotech brings to you **DFS Series laboratory deep freezers up to -20°C for pharmaceutical, hospital, medical and laboratory uses**, where these units are used for long-term storage and quality assurance. Our high-performance deep freezers combined with advanced temperature control with high-quality cabinet construction and alarm systems. Uniform temperature distribution inside the cabin is designed to maintain temperature uniformity to protect important medical and pharmaceutical-products as well as laboratory media, reagents and more. Our Laboratory Deep Freezers comply with valid **ISO, CE, IQ, OQ & PQ** certifications.

FEATURES

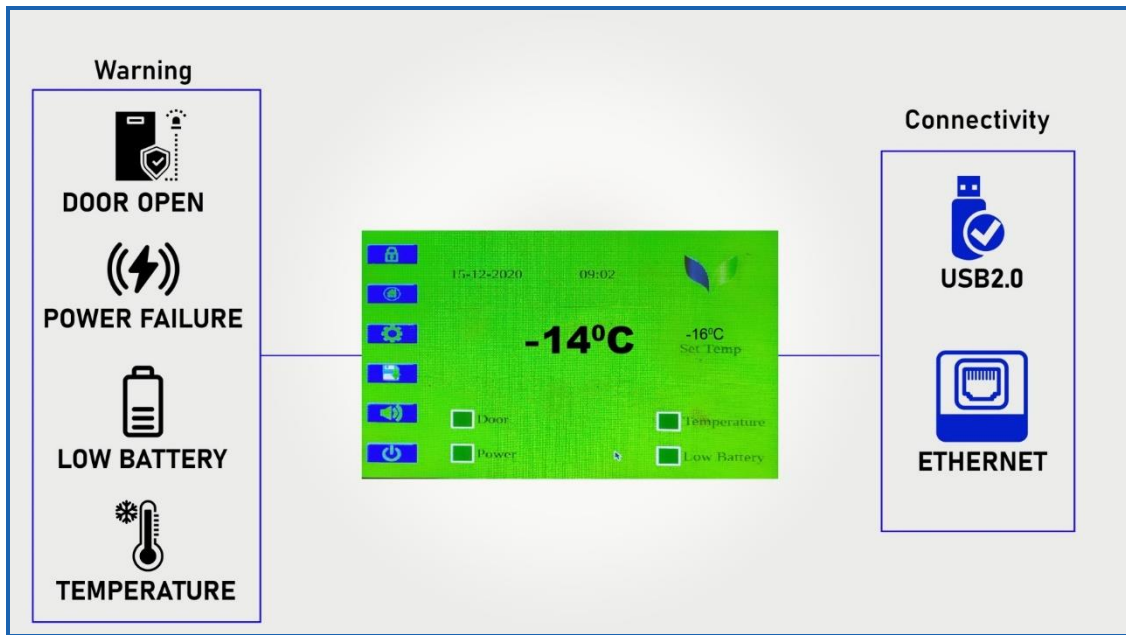
- Micro-processor based temperature Controller
- 5" TFT Touch Screen user friendly interface
- Superior temperature uniformity with stability of $\pm 1^{\circ}\text{C}$
- Audio/Visual alarm function
- Forced air cooling with corrosion resistant evaporator coil shelves.
- Clear Glass Outer Door with heating elements to prevent moisture accumulation on door.
- Epoxy Coated GI Outer finish
- Energy Efficient compressor
- Password Protected user access to controller
- Historical data logging with events recorder
- Ethernet & USB Support for Data Logging
- Operating temperature range up to -20°C
- Noiseless Operation
- Upto 8hrs backup to controller



Mehrotra Biotech DEEP FREEZERS are manufactured using only high-quality, stringently tested materials that are particularly suitable for low temperatures. The units are extremely quiet, have been approved with the CE mark and are maintenance-free.

All designs are subject to change. Special makes available on request.

LATEST CONTROLLER



TECHNICAL SPECIFICATIONS

FEATURES	DFS 450 WITH GLASS DOOR
Temperature range (°C)	Up to minus 25 degree Celsius
Capacity (L)	410
Weight (kg)	86
Material of construction (Exterior)	Powder Coated GI Sheet
Material of construction(Interior)	Polycarbonate (PVC)
Controller	Microprocessor with 5" TFT Touch Screen
Data Connectivity	USB2.0 & Ethernet (Optional)
Door Type	Glass door
Shelves/ baskets	6 Shelves non-adjustable type
Insulation	85 mm
Type of cooling	Direct cooling with Forced Air Circulation
Power Supply (V/Hz)	220-230/50 Hz
Energy consumption	13.40 kWh/24 h
Refrigerant	R404A/R290
Optional Accessories	Circular Chart Recorder & Heavy Duty Castor wheel

OPTIONAL ACCESSORIES

1. 21 CFR COMPLIANT SCADA software System with unique controlling features: Email Configuration, Company Information, Distance monitoring, Event log App based mobile accessing monitoring features.

2. CIRCULAR CHART RECORDER



3. CASTOR WHEELS

