



DEEP FREEZER



RELIABLE COLD STORAGE

SOLUTION FOR MEDICAL & PHARMACEUTICAL LABS



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-Controller 7 Segment LED Display
- Programmable Type digital controller
- Superior temperature uniformity with stability of $\pm 1^{\circ}\text{C}$
- Direct cooling evaporator coils that doubles as shelves.
- 7 Shelves & each functions as cooling coils.
- Epoxy Coated GI Outer finish & Polycarbonate interior chamber.
- Energy Efficient compressor
- Noiseless Operation



DIGITAL CONTROLLER



DFS450 is powered by Digital Programmable Microcontroller with 7 segment led display offering precise temperature control over the other low end micro temperature controllers. It has built in over temp protection with door open indicator and high & low temp alarm.



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.

TECHNICAL SPECIFICATIONS

FEATURES	DFS 450
Temperature range (°C)	upto minus 24°C
Net/ Gross volume (L)	344/365
Net/ Gross Weight (kg)	96/106
Material of construction (Exterior)	Epoxy Powder Coated Galvanized Iron
Material of construction (Interior)	Polycarbonate (PVC)
Door Type	Solid Door or Glass Door
Controller	Microcontroller with 7 Segment LED display
Alarm Function	Door Alarm, High & Low Temperature alarm
Shelves	7 Shelves
Insulation	85 mm
Type of cooling	Static
Power Supply (V/Hz)	230/50 Hz
Energy consumption	0.798 kWh /24 h
Refrigerant	R290

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