

# MEHROTRA Biotech

## 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 -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**.

## KEY FEATURES



### Wide Shelf Spacing

Wide Shelves in this DFS Series Deep Freezer helps to keep your samples in a more organized and secured way. It also protects from cooling losses when the door is open.



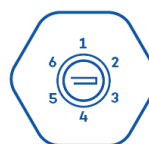
### Quiet Working

Thanks to the German Compression Technology that generates lowest noise of 41dB in its segment.



### Nature Friendly

MBPL make Deep Freezers does not harm the ozone layer and complies with the International Environmental Regulations with its R600a/R290a as refrigerant gas which is completely environment friendly.



### Precise Temperature Control!

MBPL make Deep Freezers relies on its indigenously developed Microprocessor Controllers that precisely monitors and maintains the Set Temp with an accuracy of  $\pm 0.5^{\circ}\text{C}$  while keeping the record of temperature & events as per set intervals.



### Lowest Running Cost!

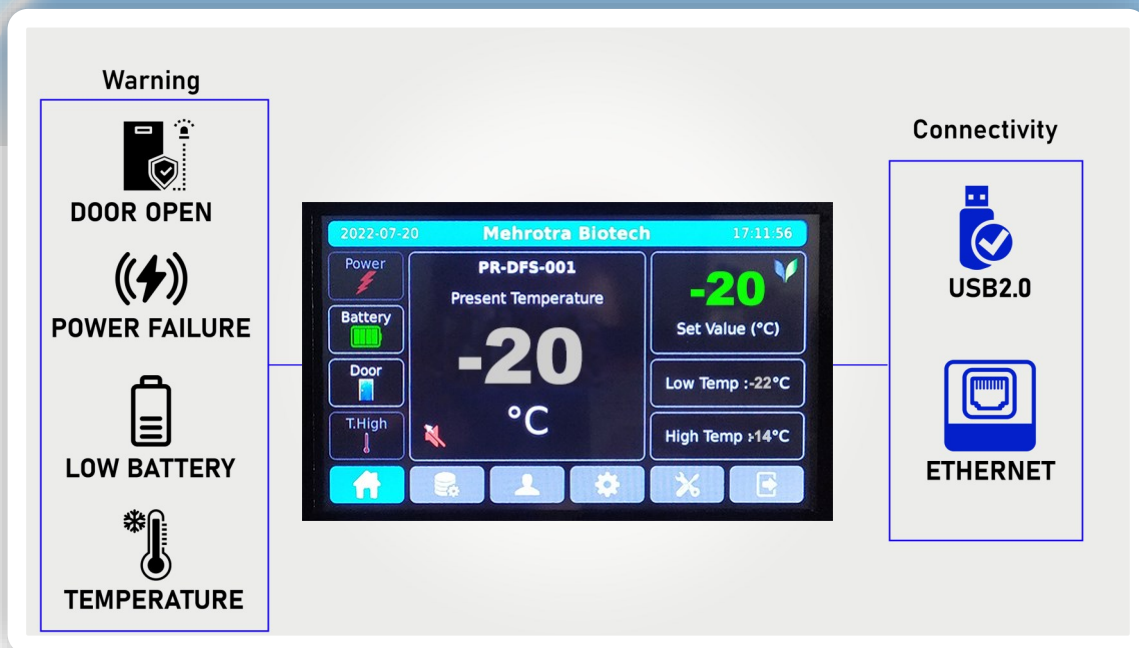
MBPL offers best in class Energy Efficient Deep Freezer -35 that consumes only 5.1 units Per Day hence it is the most economical choice for laboratory storage needs where running cost matters the most.



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.

# ADVANCE MICROPROCESSOR CONTROLLER



Microprocessor based Temperature Controller for precision con-

5" TFT touch panel can be easily accessed even with a gloved

Best in class Temperature accuracy & uniformity of  $\pm 0.5^{\circ}\text{C}$

Audio/Visual alarm indication for Out of range Temperature, Power Failure, Battery Low and Door Open.

Password Protected User Access Control System.

Direct cooling arrangement in each compartment to maintain homogenous temperature across the cabin.

Rust Free ABS Plastic inside while Painted GI Sheet outside body

Historical Data & Events logger with On-Screen Display

USB & LAN Input for data access to computer system

Upto 12 hrs backup to controller

# TECHNICAL SPECIFICATIONS

| FEATURES                | DFS 600 WITH GLASS DOOR               |
|-------------------------|---------------------------------------|
| Temperature range (°C)  | -18 TO -25                            |
| External Dimensios (mm) | W: 760; D: 710; H: 2207               |
| Net/Gross volume (L)    | 526L/600L                             |
| Net/ Gross Weight (kg)  | 120/140                               |
| MoC (Exterior)          | Painted Galvanized Iron               |
| MoC (Interior)          | Food Grade ABS                        |
| Controller              | Microprocessor with 5" TFT Touchpanel |
| Data Connectivity       | USB2.0 & Ethernet (Optional)          |
| Door Type               | Glass door                            |
| Shelves/ baskets        | 7 Shelves                             |
| Insulation              | 85 mm                                 |
| Type of cooling         | Fan Forced                            |
| Power Supply (V/Hz)     | 220-230V/50 Hz                        |
| Energy consumption      | 11.91kWh/24h                          |
| Refrigerant             | R290                                  |

## OPTIONAL ACCESSORIES

### 1. CIRCULAR CHART RECORDER



### 2. CASTOR WHEELS



### 3. Voltage Stabilizer



Mehrotra Biotech Pvt. Ltd.

M&M TOWER B-22 23, VIBHUTI KHAND, GOMTI NAGAR, Lucknow- 226010

Tel + 91 522- 2720663, 9838203520

E-mail: [sales@mehrotrabiotech.com](mailto:sales@mehrotrabiotech.com), [service@mehrotrabiotech.com](mailto:service@mehrotrabiotech.com).

Website: [www.mehrotrabiotech.com](http://www.mehrotrabiotech.com)

