

4°C Biomedical Refrigerators



FEDE-4

Blood Bank / Laboratory



FEDE-4



FEDE-4-2



Safety



Uniformity



Data Logger

ISO 9001/13485 Quality
ANMAT: PM1532-4

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Description

The **FEDE-4 line** ensures the safe preservation of blood units, biological products, and pharmaceuticals at **4°C** through a high-precision thermal control system. Its design prioritizes biosafety, featuring an interior structure entirely made of stainless steel and a forced-air ventilation system that ensures uniform temperature throughout the cabinet.

In addition, it incorporates **Low-E tempered glass doors**, allowing full inventory visibility and continuous monitoring of storage conditions, helping protect the cold chain and ensuring the safety and traceability of stored units. line ensures the safe preservation of

- **Liquid-Medium Temperature Sensor**

It simulates the exact thermal inertia of blood by measuring the liquid rather than fluctuating air temperature. This prevents false alarms when doors are opened and ensures absolute clinical accuracy on the control panel.

- **Directional Forced-Air Ventilation**

An air circulation system that eliminates hot spots and prevents blood bags from freezing. It ensures uniform temperature throughout the chamber and ultra-fast recovery to +4°C after each door opening.

- **Anti-Fog Triple Low-E Glass**

A thermal shield that blocks external heat and eliminates condensation. It allows users to visually locate units before opening the door, reducing exposure time and minimizing cold loss.

FEDE-4 Family

Model	Capacity (Liters)	Bags (500ml)	Doors	Shelves	Dimensions (W x D x H)
FEDE-4 / 240 BAG	550 L	240	1	4	680 x 810 x 2020 mm
FEDE-4 / 360 BAG	550 L	360	1	5	680 x 810 x 2020 mm
FEDE-4-2 / 480 BAG	1040 L	480	2	8	1370 x 640 x 2020 mm
FEDE-4-2 / 720 BAG	1040 L	720	2	10	1370 x 640 x 2020 mm



Control and Alarms

Digital temperature management with continuous monitoring and alarms for critical events.

Standar Features:

- Digital temperature controller
- Liquid-medium temperature sensor
- Audible alarms
- Programmable high and low temperature alarms
- Temperature recorder port
- Epoxy-coated shelves
- Door lock
- Casters with brake.
- Door open alarm.
- Power failure alarm with backup battery
- Programmable temperature
- Stainless steel interior cabinet.
- Sheet metal exterior with low-temperature-resistant coating
- CFC-free polyurethane insulation.
- Low-E tempered glass doors.
- Forced-air ventilation for uniform temperature.
- CFC-free refrigerant gas.
- Interior lighting.

Optional Accesories

- 7-day temperature chart recorder
- Remote alarms.
- Stainless steel compartmentalized bag holders with telescopic slides
- *Wi-Fi data logger with cloud monitoring:*

Real-time temperature recording and visualization from anywhere, with data storage, reports, and automatic alarms.



Stainless Steel Cabinet



Low-E Doors



Shelves



Thermal Control



Forced Ventilation





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