

BLOOD BANK REFRIGERATOR 4°C



Models: X1/X2 BBR

100, 200, 300, 400, 500, 600



DIGITAL TEMPERATURE DISPLAY

4.3" / 7.1" Touch Screen Display for viewing 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.



VENTILATION SLITS

Proper ventilation for the equipment to keep cool.



USB INTERFACE

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



POWDER COATED

Powder coating for scratch and corrosion resistance.



LED-ILLUMINATION

Bright internal LED lighting for clear visibility.



GLASS DOOR

Triple pane glass door for better temperature uniformity.



DOOR HINGE

Heavy duty door hinge for long-lasting performance.



LOCKABLE CASTOR WHEELS

Heavy duty lockable castor wheels for locking the equipment in place.

Models Available: X1/X2 BBR 100, 200, 300, 400, 500, 600 Featuring a capacity to accommodate 100 to 600 blood bags, these units are designed with an AISI 304-grade stainless steel interior and a non-corrosive powder-coated CRCA/HDGI sheet metal exterior. With 80-100 mm polyurethane/VIP foam insulation and CFC & HCFC-free refrigerants, they ensure high performance while being environmentally responsible. The microprocessor-based control system with a 4.3/7.1" touch LCD offers precision, complemented by battery-supported display and alarms for 12-24 hours. Maintaining a temperature range of 4°C ± 2°C (2°C to 6°C) with an accuracy of ±0.1°C, these models operate reliably in ambient temperatures up to +45°C. Additional highlights include SS 304 perforated sliding trays, triple/double pane heated glass doors with magnetic gaskets, automatic defrosting, and USB data output. Enhanced features such as dual safety controllers, visual and audio alerts, password-protected settings, heavy-duty lockable castor wheels, and optional upgrades like RFID/fingerprint locks, SMS alerts, and a barcode reader make these units highly advanced and user-friendly.

TECHNICAL FEATURES

- Temperature Range: 4°C ± 2°C (2°C to 6°C)
- Display Accuracy: ±0.1°C
- Ambient Temperature: Up to +45°C
- Control System: Microprocessor Based
- Display: 4.3" / 7.1" Touch LCD
- Insulation: 80-100 mm PUF / VIP Foam
- Refrigerant: CFC & HCFC Free
- Defrost: Automatic
- Trays: SS 304 Perforated Sliding Trays
- Door: Triple / Double Pane Heated Glass with Magnetic Gasket
- Power Supply: 220-240V AC, 50 Hz
- Data Output: USB
- Battery Backup: 12-24 Hours (Display & Alarms)

COMPLIANCE & STANDARDS



CE Marked



ISO 13485



IEC 60601



CDSO (India)



ISO Class 5/ Grade A/B Compatible

KEY ADVANTAGES



CONTAMINATION-FREE STORAGE



FAST & CONSISTANT PERMORMANCE



FULLY AUTOMATED WORKFLOW



IDEAL FOR BLOOD BANKS & PLASMA LABS



RELIABLE, SAFE & ACCURATE