

# BLOOD COLLECTION MONITOR



## Agitation Pan

Detachable magnetically attached tray for easy cleaning.

## Touch Screen Display

4.3" Touch Screen display to monitor blood collection status, weight, volume and time of donation.

## Automatic Tube Locking

Stops blood receiving once set volume is reached.

## On/Off Switch

Only Switch to turn on the machine and automatically Switches to battery mode whenever power fails.

## Carrying Case cum Floor Stand

Tough Exterior Heavy duty Carrying case to protect the Equipment while carrying.



Model:X2 BCM



Model:X1 BCM



Display during donation of blood

## Technical Features

The **X1/X2 BCM** blood collection monitors are designed for ease of use and reliability, featuring an intuitive **LED/LCD touch screen display** for effortless operation. They operate on **mains power** with a **battery backup system**, ensuring uninterrupted use. The **event/donation history emailing** feature allows easy sharing of records, and the **ISO 13485:2003**, **ISO 9001:2008**, and **IEC 60601-1** certifications ensure compliance with industry standards. A web-based **online portal** facilitates the registration and tracking of complaints. Built with **sturdy galvanized C.R. sheet metal** with a **non-corrosive grey powder-coated finish**, these devices are durable and suitable for environmental conditions ranging from **+10°C to +45°C** and humidity levels of **5% to 95% RH**. The **volume range** is pre-selected from **0-1000 ml** with **0.1 ml resolution**, and it features an **automatic terminator** to stop collection once the set volume is reached with **±2% accuracy**. The device also allows **single-touch toggling** of volume between **350ml and 450ml**. The **digital display** shows the set and actual volumes, collection status, flow rate, battery percentage, clamp status, and more. The **automatic clamping and release** mechanism ensures smooth operation, while the **mixing mechanism** provides gentle rocking at **12 to 14 rpm** to uniformly mix blood with an anticoagulant solution. The **memory storage** feature saves past donation volumes for easy retrieval. For enhanced portability, the device comes with a **carry case/bag** with a handle, and a **barcode reader** to update process data. It also includes **automatic self-diagnosis**, displaying errors, faults, and warnings for quick troubleshooting. The **electrical requirements** are **220V to 240V, 50Hz, 2 Amp**, and no external software is needed for configuration or data analysis.