

EQUIPMENT SPECIFICATION DOCUMENT – 01

Blood Collection Monitor

Tender Reference No: IRCSTNB/BB/2026-27/01

Equipment Specification Reference: IRCSTNB/BB/2026-27/EQP-01

Equipment Name

Blood Collection Monitor

Quantity

8 Nos

TECHNICAL SPECIFICATIONS

- Standardize and Simplify Whole Blood Collections
- Slip-Free Safety Clamp
- Backlit LCD Display
- Detachable Tray
- Easy-to-Use Keypad
- Alerts and Portable Design
- Protection against electrical shock: Class II; internally powered operation continuous
- Duration of collection indicated at end of collection
- Accuracy : $\pm 2\%$ of programmed volume
- External dimensions : 190 mm (W) \times 500 mm (D) \times 185 mm (H)
- Battery : 14.8 V, 4.4 Ah lithium-ion rechargeable battery
- Weight : Approx. 4.5 kg
- Volume setting range : 50 mL to 500 mL
- Motor driven oscillation
- Automatic clamping
- Audible/visible alarms

- Battery backup : 8 hours or approximately 100 collections
 - Power : 100 V to 240 V AC, 50 Hz to 60 Hz
 - Working temperature : 10°C to 40°C
 - Compatible with varied blood bag systems
 - Compliance with EN 60601-1 safety requirements
 - Detachable easy-to-clean tray
 - Automatic storage and recall of set volumes
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ADDITIONAL REQUIREMENTS

- Minimum 5 Years Comprehensive Warranty
 - OEM Authorization Letter Mandatory
 - Local service support presence in Chennai mandatory
 - User manual and technical brochure shall be provided
 - Demonstration and operational training shall be provided
 - Calibration support wherever applicable
 - Compliance with applicable BIS/IEC/ISO standards
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WARRANTY REQUIREMENT

The bidder shall clearly specify detailed warranty coverage for the complete 5-year warranty period including:

- Spare parts covered
- Labour charges
- Onsite service support
- Preventive maintenance visits
- Calibration support wherever applicable
- Replacement of defective components
- Any exclusions or consumables not covered under warranty
- Any component/service attracting additional cost during warranty period

DOCUMENTS REQUIRED

- Technical Brochure
 - OEM Authorization Letter
 - Compliance Sheet
 - Warranty Undertaking
 - Product Certifications wherever applicable
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