

Blood Collection Monitor BCM-2800

Fully automatic microprocessor based blood collection Monitor with 24 hours battery back or blood Mixing Device Provides efficient termination of blood collection, when blood collection volume reaches a preset value. LCD display shows volume of collected blood, time-taken for blood collection



►►► Features:

- ▶ Battery Backup for more than 24 Hours
- ▶ Display in Volumes and Grams
- ▶ Vibration Selection for 3D Mixing
- ▶ RPM Setting 1 to 50RPM
- ▶ Large Colour LCD Display
- ▶ Auto Tare
- ▶ Manual Weight Calibration Facility
- ▶ Audio Video Alarms
- ▶ Blood Tray Tilt Angle Adjustment
- ▶ Detachable Blood collection Tray
- ▶ Password Protection
- ▶ Tube Sensing
- ▶ RS 232 Scanner Compatible
- ▶ 1000 Donar Data Storage
- ▶ Time Setting
- ▶ Data Setting
- ▶ USB/RS232 connect to Computer
- ▶ Carrying Case
- ▶ Blood Bank Management Software
- ▶ Connect more than 16 BCM via ethernet on a single PC



Battery Backup for 24 Hours

Never run short of power supply with meditech Blood collection Monitor. You get continues 24 hours back up for Blood donation camps on full battery recharge.

Audio Video Alarms

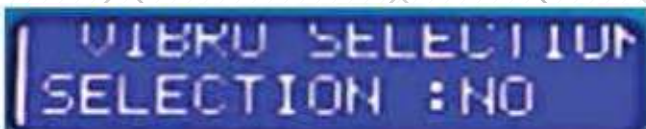
Audio and Visual Alarms for trouble free operation.

Auto Tare

The machine automatically tares the weight to 1 ml at the beginning of collection process.

Vibration selection 3D mixing

3 Dimensional vibration for better mixing of blood and solvent during collection process.



Manual Weight Calibration

Days for AMC are gone!! ATL provides calibration mode to set the weight accuracy by any lab technician.

RPM Setting 1 to 50 RPM

Lets adjust the Shaking speed can from 1 to 50 as per requirement.



Large Colour LCD Display at 45°

Better vision during collection even from far distance at any angle. Clear Display of different functions such as programmed volume, collected volume, flow rate, main/battery, collection enhancement, manual clamping during emergency and pause function

Blood Collection Tray Tilt Adjustment

Tilting tray at required angle is now an easy task. Tilting is now adjustable for the first time for any blood collection monitor in the world.

Display in Volumes and Grams

Now get 2 concurrent displays both in ml and grams simultaneously on the display.

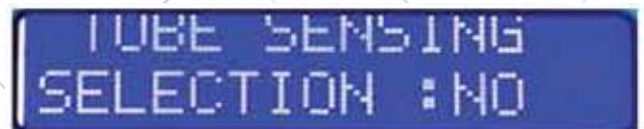
Password Protection

Be assured that your BCM of protected from any kind of tampering and miss usage.



Tube Sensing

Safety First!! Tube sensing ensures that tube is properly inserted in the clamp before start of collection process.



Detachable Blood Collection Tray

Removable magnetic tray ensures easy cleaning and hygiene.

USB and RS232 connect to Computer

The Monitor has a RS 232 port to connect to a scanner and USB Port to Connect to a PC

RS 232 Scanner Compatible

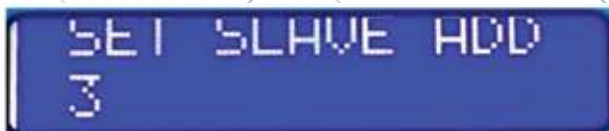
Scan Bar codes with RS232 enabled Motorola Scanner and store values inside the BCM.

1000 Donor Data Storage

Store more than 1000 donor data in the memory of blood collection monitor.

Connect 16 BCM to PC

More than 16 BCM can now be connected to a single PC. Assign a unique slave address to BCM to obtain DATA directly.

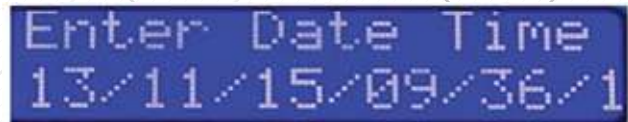


Scanner

Scan Bar code and Store upto 1000 Donor information in the monitor and later can be transferred to a PC.

Date and Time Setting

ATL Blood collection Monitor is powered by RTC with a small inbuilt Battery. RTC updates the Time and Date even in the case of power failure



Blood Bank Management software

Never run short of power supply with Meditech blood collection Monitor.

Carrying case

Carrying case can be ordered for mobile donation usage.



Battery Indication

Battery indication is provided to identify that machine is on battery back up or mains.

Built-in Rechargeable battery.

Rechargeable maintenance free battery is provided with inbuilt charging system.

▶▶▶ Features:

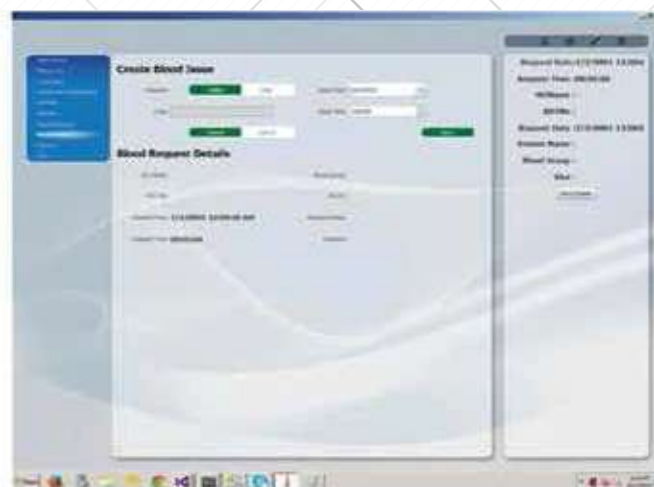
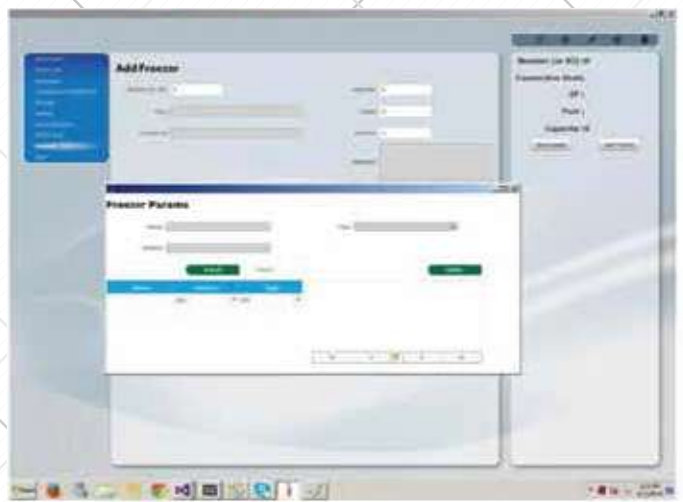
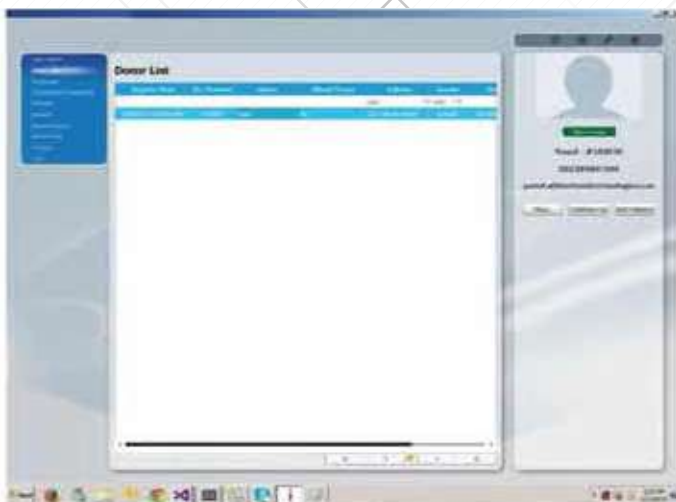
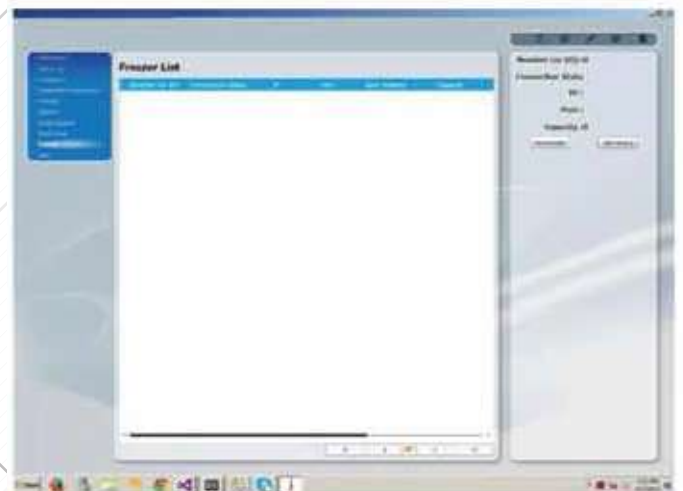
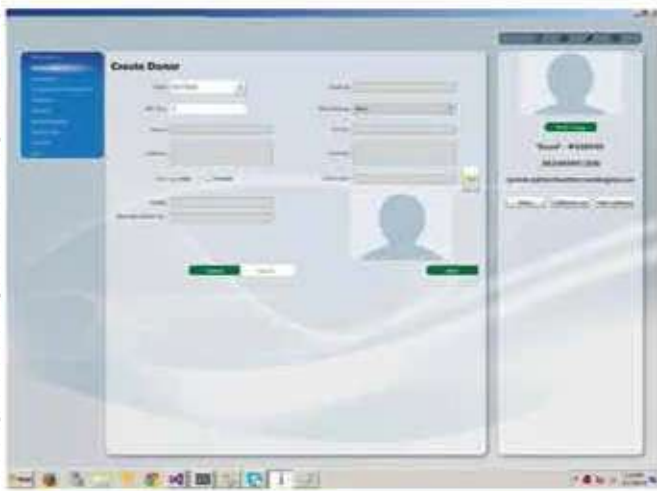
- ▶ Electronic controlled blood collection monitor
- ▶ Accepts all kinds of blood donor bags.
- ▶ Has D mixing system to guarantee the best mixing of blood with anticoagulant.
- ▶ Mixing speed min 1 to 20 rpm and tilting min. 10 deg angle adjustable
- ▶ Large LCD display to show donation time, collected volume and average donation flow etc. during blood collection.
- ▶ The volume to collect can be changed at any point of time during the donation, if desired
- ▶ Automatic clamp of tubing at the end of donation with audible and visual alarms
- ▶ The display shows the final volume collected and the donation time in minutes & seconds at end of each donation.
- ▶ All collection data can be recalled and read from the memory
- ▶ Auto tare of the empty bag
- ▶ Adjustable upper safety limit for collected volume
- ▶ Adjustable Low and High Flow alarms
- ▶ Detection system on clamp for checking tube positioning
- ▶ Safety switch to control if tubing is well inserted into the clamp.
- ▶ Calibrate within few seconds with a known calibration mass.
- ▶ RS 232 port for connecting external equipment e.g. barcode reader etc.
- ▶ Possibility to for connect to network through PC & software
- ▶ Built-in rechargeable battery to support minimum 1000 donations in case of mains failure
- ▶ Input port cable with 15 Plug and six way output terminal strip for two outlets

▶▶▶ Specification:

- ▶ Measuring range from 10 to 3000 ml/gr with accuracy of +/-1% or better
- ▶ Collected volume range adjustable with 1 ml steps
- ▶ Setting of two default volumes
- ▶ Adjustable maximum donation time up to 20 minutes
- ▶ Configurable data and time
- ▶ Up to 1000 donations can be stored in internal memory
- ▶ Service programs shall be available for common trouble shootings
- ▶ Calibration mass 500 gm shall be supplied
- ▶ Power supply: 230 Vac, 50Hz with internal rechargeable battery

Catalogue Number	BCM-2800
Input Voltage	100-250 VA AC 50/60Hz
Operation	Continues Operation with Intermittent Loading
Power	12W (Max)
Working Environment	
Temperature	0° to 40°C
Relative Humidity	30 to 75%
Atm Pressure	700 to 1060hPa
Battery	Full Charge Battery 24 hours continuous operation
Storing and Transportation Temperature	20° to 40°C
Atm Pressure:	600 to 1060hPa
Oscillation Details	20± 2 rpm, motor driven oscillation. Adjustable for 1
Clamping Mode	Both automatic and Manual tube Clamping Automatic clamping when the preset volume is achieved
Volume Setting	Insteps of 1 ml. Automatic storage of set volume. Continuous display of set and current volume
Auto Tare	The machine Automatically calibrates the weight each time when the start Button is pressed
Alarms/Indications	LCD.LED indication and audible alarm when there is no Blood flow. LCD, LED indication and audible alarm at the end of collection.
Display	Large 16x2 line character Backlit LCD display
Time Measurement	Time of collection is indicated at the end of every collecting. Display of time during collection
Accuracy	1% of the programmed volume
Dimension in mm	height:140mm; length;250mm; width250mm
Weight	4.8kg
Battery	12V, 2.3AH Sealed Maintenance free lead acid rechargeable battery
RTC	Inbuilt Real Time Clock
Time setting	Display of time on the main screen and editable
Date Detting	Display of date on the main screen and editable
RPM	Setting RPM of motor can be set from 1 to 20
RS 232	RS 232 port for data extraction from BCM to Computer

▶▶▶ Software for blood bank shall be provided free of charge with this product.



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NOVA Basic Semi -Auto Chemistry Analyzer



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Blood Gas Analyzer



Random access Analyzer for immunoassay Proteins & clinical chemistry



Semen Analyzer



Water purification system

▶▶▶ Regulatory compliances



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▶▶▶ Reach us @



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