

MAXSOL[®]

BLOOD BANK MACHINERIES



Blood Collection Monitor



Maxsol A Blood Collection Monitor is a device used to monitor the collection of a blood donation to protect against over or under bleeding of the patient. The devices are extensively used in hospitals, research clinics, and pharmaceuticals industries to ensure the anticoagulation and addition of blood when necessary, without blood cells being damaged during the collection procedure. Maxsol a new generation portable blood mixer, ideally suited for blood collections in donation room as well as outdoor camps. Inbuilt key features along with microprocessor based controls ensure smooth & gentle mixing process, volume accuracy, precise monitoring of time & flow rate. The user friendly features of Maxsol BCM help phlebotomist to have complete control on donation process, thus ensuring donor safety & comfort.

FEATURES:

1. Micro processor controlled Blood Collection Monitor.
2. Accepts all kinds of blood donor bags.
3. Has mixing system to guarantee the best mixing of blood with anticoagulant.
4. LCD display to show donation time, collected volume and average donation flow etc.
5. During blood collection with user friendly controller mounted on device.
6. Transport case with built in
7. charger
8. mixing cycle-12-14 per minute for Gentle & smooth mixing of anticoagulant to prevent clot formation.
9. The volume to collect can be changed at any point of time during the donation, if desired
10. Automatic clamp of tubing at the end of donation with audible and visual alarms.
11. The display shows the final volume collected and the donation time in minutes & seconds at end of each donation.
12. stationary and mobile use for easy & safe blood collection
13. Auto tare of the empty bag.
14. Adjustable upper safety limit for collected volume.
15. Adjustable Low and High Flow alarms.
16. Detection system on clamp for checking tube positioning.
17. Safety switch to control if tubing is well inserted into the clamp.
18. Calibrate within few seconds with a known calibration mass.
19. Transport case with battery charging facility and Calibration made 500 gm.
20. Collected volume range adjustable with 1 ml step.
21. Setting of two default volumes.
22. Adjustable maximum donation time up to 20min.
23. Configurable date and time.

Technical Specification of Blood Collection Monitor

○ Make	Maxsol
○ Model	Max BCM-11&12
○ Input Voltage	100-250 V AC 50/60 Hz+ 10%
○ Power	12W (Max)
○ Weighing range of balance	○ g/ml to 1000g/ml (1g step) accuracy > 1%
○ Battery	7.5V DC-55Wh for long battery backup
○ Oscillation details	20+ 12 rpm, motor driven oscillation. Adjustable for 1 to 20 RPM
○ Clamping Mode	3-state clamp: open-lock-closed with Automatic facilitated clamp option and active clamp check
○ Volume Setting	linsteps 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 indication and settable audible alarm when there is no Blood flow .LCD indication and audible alarm at the end of collection. Pause function, Abnormal Condition.
○ Dimension in mm.	height:140mm: length:250mm; width: 250mm
○ Weight	4.8kg
○ RTC	Inbuilt Real Time Clock

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