

Blood Collection Monitor



Krew Instrument's Blood Collection Monitor is a valuable tool for ensuring accurate blood collection during the blood collection process. This electronic device is designed to collect a precise amount of blood, typically ranging from 350ml to 450ml. Its compact size makes it easy to use, and it provides a smooth and gentle shaking motion that ensures the anticoagulant present in the blood bag forms a homogeneous mixture. This process helps to prevent the formation of cell clots during blood collection from the donor, ensuring the integrity of the collected blood sample.

TECHNICAL FEATURES

Feature	Details
Input Voltage	90-280 VAC, 50/60 Hz
Operation Cycle	Continuous operation with intermittent loading
Power Consumption	12W (Max)
Temperature	Ambient to 50°C
Relative Humidity	25 to 95%
Battery Life	Full Charge Battery → 8 hours continuous operation blood collection monitor
Oscillation Details	50±1 rpm, motor driven oscillation. Adjustable for 1 to 50 RPM
Clamping Mode	Automatic and Manual tube Clamping. Automatic clamping when preset volume is achieved after collection. Automatic clamp release feature when the bag is lifted from tray.
Auto Tare	The Blood collection Monitor calibrates automatically each time when the Start Button is pressed
Alarms/Indications	LCD and LED indication with audible alarm when there is no Blood flow. LCD and LED indication with audible alarm at the end of collection.
Display	Large Display: 10×3 line character Backlit LCD display
Time Measurement	The time of collection is shown at the end of every collection. Also displays time during collection.
Weight	4.8 kg. only (weight of blood collection monitor)
Battery Type	Rechargeable 12V, 2.3 AH Sealed Maintenance free lead acid battery
Time Setting	Display on the main screen and editable
Date Setting	Display on the main screen and editable

BLOOD COLLECTION MONITOR MODELS

KCM	KCM-B
<ul style="list-style-type: none"> • ABS molded body • LCD display of volume, weight • Flow rate audiovisual alarm • Motor activated clamping • Auto calibration & Tare feature. • Easy to mount Magnetic tray assembly • Audible alarm on completion 	<ul style="list-style-type: none"> • ABS molded body • LCD display of volume, weight • Flow rate audiovisual alarm • Motor activated clamping • Auto calibration & Tare feature. • Easy to mount Magnetic tray assembly • Maintenance free battery, approx. 8 hours with sleep mode feature. • Audible alarm on completion



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