



mb Count³⁶⁰

3 Part Hematology Analyzer

Simplicity redefined with a 2-reagent system

Features

Easy maintenance

- Two reagent system with low running costs.
- Auto clog prevention design.
- Using only one maintenance reagent.

High accuracy

- Bidirectional stereoscopic back-swirling design: prevent re-circulation of cell particles resulting in repeat count.
- Digital filtering algorithm: Automatic identification of interference signal to correct the symmetry of RBC histogram.
- Pulse recognition algorithm.

Effective result analysis

- Real-time display of reaction curve.

Easy operations

- 10.4 inches touch screen with vivid colors and intuitive interface.
- Small footprint, lyse inside the machine.

Improved supporting systems

- Large storage of 600,000 results.

Widest linear range

	WBC	RBC	HGB	PLT
Upto	200x10 ⁶ /μl	8x10 ¹² /μl	25g/dL	5,000x10 ³ /μL

Repeatability		
Parameters	Range of Tests	Repeatability CV
WBC	(3.5 ~ 15.0) × 10 ⁹ /L	≤ 2.5%
RBC	(3.50 ~ 6.00) × 10 ¹² /L	≤ 1.5%
HGB	110 g/L ~ 180 g/L	≤ 1.5%
MCV	80 fL ~ 110 fL	≤ 1.0%
PLT	(100 ~ 149) × 10 ⁹ /L	≤ 6.0%
	(150 ~ 500) × 10 ⁹ /L	≤ 4.0%

Technical Specifications

Principle	Electrical impedance and Colorimetry
Throughput	60 samples/hour
Sample volume	9 μL (whole blood mode), 20 μL (pre-diluted mode)
Parameters	22 parameters+ 3 histogram WBC, Lym#, Mid#, Gran#, Lym%, Mid%, Gran% RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV PLT, MPV, PDW-CV, PDW-SD PCT, P-LCC, P-LCR
Calibration	Manual and Auto-calibration
Sample type	Capillary whole blood, Venous whole blood, Pre-diluted blood
Quality control	L-J and X-B floating mean
Storage	600,000 test records
Power	100V-240V (50/60Hz)
Dimensions	280 mm (L)*460 mm (W)*400 mm (H)
Weight	18Kg
Display	10.4" color LED touch screen

Marketed by:



Boston Ivy Healthcare Solutions Private Limited

+91 97691 08286 / 86557 35629

support@medikabazaar.com

www.medikabazaar.com

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