



ROBONiK[®]

House of
Diagnostic
Equipments
& Reagents

**First
Made in India
Hematology
Analyser**

priecount[™]

Fully Automated 3 Part Differential
Hematology Analyser



CE

Every drop of Blood Counts...

priecount™ series hematology analysers are intended to be used In-Vitro analysis of blood.

Our new generation **priecount™** with simplified operation and precise dilutor technology ensures results are of highest quality.

Features

- Intuitive Software
- Low consumable cost
- Accurate measurement of sample by volume and time method
- Floating discriminator
- Innovative technology
- High precision maintenance free dilutors
- Easy operation and maintenance
- Accurate and reliable results
- Liquid level sensor for Diluent, Lyse and Rinse bottles

Technical Specifications

Detection Method	: RBC, PLT Direct current : WBC Direct current : HGB Non-cyanide
Results and Histograms	: Display with three histograms WBC, RBC, PLT
Measurement Principle	: Electronic impedance WBC, RBC, PLT, photometric HGB
Measurement Chamber	: Dual chamber
Counting Modes	: Whole blood Predilute (with auto dispensing facility of diluent)
Sample Volume	: Whole blood mode 8 μ l Pre-dilute mode 20 μ l
Data Storage	: 10,000 results
Sample Type	: Whole blood with EDTA well homogenized, fresh sample
Sample Data Management	: Alphanumeric key 15 digits PID, Results review PID wise, Date wise
Patient Demography	: Patient Name, Age, Sex, Referred by Dr/Physician
Display	: Color LCD with Touch Screen
Peripheral Outputs	: Integrated thermal printer, USB & Optional external printer
Quality Control	: Levey - Jennings graph, Statistical data on precision, three level QC sample, 90 days data storage
Diagnostic Mode	: User-friendly self-diagnostic mode
Interface	: USB
Alerts & Flagging	: Instrument prompts alerts on abnormality, high and low results in print and display
priecount™ Reagents	: Diluent, Rinse, Lyse, Enzymatic Cleaner with RFID Card
Waste Bottle	: With sensor for waste bottle full alarm
Dimensions in mm (lxbxh)	: 379 x 453 x 457 (approx)
Weight	: 18.5 kg. (approx)

18 Test Parameters

White Cells	Red Cells	Platelets
■ WBC	■ RBC	■ PLT
■ LYM #	■ MCV	■ MPV
■ LYM %	■ HCT	■ PCT
■ MID #	■ HGB	
■ MID %	■ MCH	
■ GRAN #	■ MCHC	
■ GRAN %	■ RDW-CV	
	■ RDW-SD	

Whole Blood Linearity Range

- WBC 0.2-99.9 x 10³/ μ l
- RBC 0.30-7.00 x 10⁶/ μ l
- HGB 0.1-25.0 g/dl
- PLT upto-999 x 10³/ μ l
- HCT 10.0-60 %

Operating Conditions

Power

- 115 – 230 Volts AC ~ 50 Hz +/- 10%
- Proper Earthing / grounding <5 Volts
- Power 100 VA

Environmental

Temperature

- 18 to 40 ° C
- Relative Humidity up to 80%

Due to continuous development, specifications are subject to change without prior notice.



ROBONIK (INDIA) PVT. LTD.

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