



**ROBONiK**<sup>®</sup>

House of  
Diagnostic  
Equipments  
& Reagents

**First  
Made in India  
Hematology  
Analyser**

# **priecount**<sup>™</sup>

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

## Technical Specifications

<b>Detection Method</b>	: RBC, PLT Direct current
	: WBC Direct current
	: HGB Non-cyanide
<b>Results and Histograms</b>	: Display with three histograms WBC, RBC, PLT
<b>Measurement Principle</b>	: Electronic impedance, photometric
<b>Measurement Chamber</b>	: Dual chamber
<b>Counting Modes</b>	: Whole blood Predilute (with auto dispensing facility of diluent)
<b>Sample Volume</b>	: Whole blood mode 8 $\mu$ l Pre-dilute mode 20 $\mu$ l (diluted sample)
<b>Data Storage</b>	: 10,000 results
<b>Sample Type</b>	: Whole blood with EDTA well homogenized, fresh sample
<b>Sample Data Management</b>	: Alphanumeric key 15 digits PID, Results review PID wise, Date wise
<b>Patient Demography</b>	: Patient Name, Age, Sex, Referred by Dr/Physician
<b>Display</b>	: Color LCD with Touch Screen
<b>Peripheral Outputs</b>	: Built-in thermal printer, USB
<b>Quality Control</b>	: Levey - Jennings graph, Statistical data on precision, three level QC sample, 90 days data storage
<b>Diagnostic Mode</b>	: User-friendly self-diagnostic mode
<b>Interface</b>	: USB
<b>Alerts &amp; Flagging</b>	: Instrument prompts alerts on abnormality, high and low results in print and display
<b>priecount™ Reagents</b>	: Diluent, Rinser, Lyser, Enzymatic Cleaner
<b>Waste Bottle</b>	: With sensor for waste bottle full alarm
<b>Dimensions in mm (lxbxh)</b>	: 379 x 453 x 457 (approx)
<b>Weight</b>	: 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 1.0-99.9 x 10<sup>3</sup>/ $\mu$ l
- RBC 0.30-7.00 x 10<sup>6</sup>/ $\mu$ l
- HGB 0.1-25.0 g/dl
- PLT 10-999 x 10<sup>3</sup>/ $\mu$ 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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