



PreciCELL 400



High
Accuracy



Effective
Result Analysis



Easy
Operations



Best In Class
Features

- Large 10.4" colour display with touch screen
- Low sample volume
- Two reagent system with low running costs
- Excellent repeatability and reliability

Parameters

22
Parameters

WBC, Lym%, Mid%, Gra%
Lym#, Mid#, Gra#

RBC, HGB, HCT, NCV, MCH, MCHC

PDW-SD, RDW-SD, RDW-CV

Technical Specifications

Principle	: Electrical impedance and Colorimetry
Throughput	: 60 samples/hour
Sample volume	: 9 μ L (Whole blood mode), 20 μ L (pre—diluted mode)
Parameters	: 22 parameters + 3 histograms
Calibration	: Manual and Auto-calibration
Sample type	: Capillary whole blood, Venous whole blood,
Quality control	: L, J and X-R floating mean
Power	: 100V-240V (50/60Hz)
Dimensions	: 280 mm (L) x 460 mm (W) x 400 mm (H)
Weight	: 18Kg
Display	: 10.4" colour LED touch screen

Easy Maintenance

- Automatic cleaning & de-clogging design
- Using only one maintenance reagent

High Accuracy

- Bidirectional stereoscopic back-swirl design
- Pulse recognition algorithm
- Stable histogram correction

Easy Operations

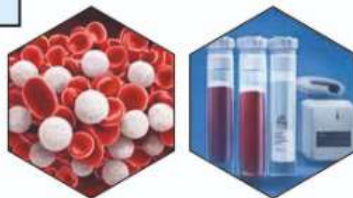
- 10.4-inch touch screen with intuitive UI
- One-click switching between modes
- Compact and user friendly design

Improved Support System

- Cyanide-free reagent, low reagent consumption
- Built-in thermal printer & multiple ports
- Large storage of 600,000 results

Widest Linear Range

- WBC: upto 200x10⁹/L
- RBC : upto 8x10¹²/L
- HGB: upto 25 g/dL
- PLT: upto 500x10⁹/L



Easy Operation



Excellent Performance



Low Reagent Consumption

Repeatability

Parameter	Range of tests	Repeatability CV
WBC	(3.5 -15.0) x10 ⁹ /L	<2.5%
RBC	(3.50 - 6.00)x10 ¹² /L	<1.5%
HGB	110-180 g/L	<1.5%
MCV	60-110 FL	1.0%
PLT	(100-149) <105 ⁹ /L (150 – 500) <105 ⁹ /L	<6.0% <4.0%



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