



Touch Screen

PreciCELL-300 Pro

PRECISION BIOMED PRIVATE LIMITED

(AN ISO 9001:2015 & ISO 13485:2016 CERTIFIED COMPANY)



PreciCELL 300 Pro



Parameters	Precision	Linear Range	Contamination Rate
WBC	±2.0% (3.5-15.0x10 ⁹)/L	(0-100.0x10 ⁹)/L	≤0.5%
RBC	±1.5% (3.0-6.0x10 ¹² /L	(0.10-8.00x10 ¹² /L	≤0.5%
HGB	±1.5% (100-180)/g/L	(0-250)g/L	≤0.6%
MCV	±1.0% (70-120)fL	-	-
PLT	±4.0% (150-500x10 ⁹ /L	(0-1000x10 ⁹)/L	±1.0%

Characteristic

Compatibility

- 1) Two modes of sampling: Whole blood, pre diluted blood
- 2) Build-in thermal printer, external laser printer or inkjet printer;
- 3) 4 USB. 1 LAN support protocol HL7 and compatible with LIS system
- 4) Accompanying quality control material

Light

- 1) 390mm(L)x285mm(W)x390mm(H)
- 2) Weight±16kg

User-friendly Design

- 1) 10.4" colourful touchscreen
- 2) Liquid crystal display
- 3) Resolution: 800x600
- 4) 10° incline adapt to visual observation

Maintenance Friendly

- 1) Auto-cleaning of sample probe and tubes
- 2) Automatic fault processing function

Low Consume

- 1) Only need two reagents
- 2) Sample consumed≤20uL

Efficient

60 samples per hour

Specification

Principle

Electric impedance method and colorimetry method

Parameters

21 reportable parameters:

WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC
3 histograms

Reagents

Build-in Lyse and External diluent,
Probe cleaner for maintenance

Flag System

RBC, WBC, PLT abnormal sample and support customized test groups



Storage

Up to 50,000 results including histograms, and patient information.

Quality Control

3 Level QC, L-J graph, X-B

Calibration

Manual and Auto-calibration



Accessories

Standard: keyboard, waste liquid barrel, ground wire(3m)
Option: mouse, external barcode scanner.

Environment

Working Voltage: AC 100V±240V, 50/60Hz
Rated Power: 40±60VA
Working Temperature: 10°C±35°
Relative humidity: 20%~85%



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