





Technical Specifications

Throughput

60 samples per hour

Principles

Impedance method for WBC, RBC and PLT counting Cyanide free reagent for hemoglobin test

Parameters

21 parameters

Routine

WBC (Gran%, Lym%, Mid%, Gran#, Lym#, Mid#)
RBC (HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD)
PLT(MPV, PDW, PCT, P-LCR, P-LCC)

Research Parameters

2 parameters: NLR, PLR

Graphics

3 histograms for WBC, RBC and PLT

Sample Volume

Whole blood mode $\leq 9 \mu L$ Prediluted mode $\leq 20 \mu L$

Performance Characteristic

Parameter	Linearity Range	Precision (CV %)	Carryover
WBC	0-300(10º/L)	≤3.5% (4.0-6.9)	≤0.5%
		≤2.0% (7.0-15.0)	
RBC	0-8.00(10 ¹² /L)	≤1.5%(3.50-6.5)	≤0.5%
HGB	0-280(g/L)	≤1.5% (100-180)	≤0.5%
PLT	0-4000 (10°/L)	≤5.0% (100-149)	≤1.0%
		≤4.0% (150-500)	

Display

10.4 inch TFT Touch Screen

Storage Capacity

Up to 400,000 results including graphical information.

Communication

LAN Port supports HL7 protocol support bi-directional LIS

Interface

4 USB ports (for external printer, software upgrade, barcode reader, external WIFI, keyboard and mouse), LAN port (1)

Printout

Supports Thermal & External printer

Power Requirement

(100V-240V)±10% ≤180VA (50Hz/60Hz) ±1Hz

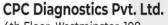
Temperature Requirement

Temperature: 15°C~30°C Humidity: 10%~90%

Foot print

Dimension: Depth (410 mm), width (300 mm), height (400 mm)





4th Floor, Westminster, 108, Dr. Radhakrishnan Salai, Mylapore Chennai- 600 004

+91 8754468400









- CBC+3 DIFF, 23 parameters + 3 Histograms
- Throughput upto 60 samples per hour
- 10.4 inch TFT touch screen
- Only three reagents needed
- Detailed flag information
- Large storage capacity: up to 400,000 samples
- Sample volume is only $9\mu L$ which is ideal for pediatrics



- Smart and intuitive software brings your productivity to a new level.
- The 10.4 inch TFT touch screen for easy operations.
- 400,000 Result storage for Patient Data Management.
- Smart Maintenance with one click for troubleshooting.

Accurate Reliable Results

Advanced detailed flag information provides warning in case of abnormal cell results.





