



USB



built-in lyse



Abnormal
sample alarm

MAYI ANT15

Features

- 21 parameters hematology analyzer .
- High voltage burn and back flush to avoid clogging .
- Auto cleaning on probe and tubes .
- Original QC, calibration and reagents .
- External barcode scanner .
- Sample modes: whole blood, capillary and pre-diluted .
- Reagents: Built in lyse and external diluent,
E-Z cleaner for shut down.
Probe cleaner for maintenance.
- Throughput: 60 samples per hour .
- Storage: up to 50,000 results including histogram.
- Calibration: Manual and Auto-calibration.

Technical Specifications

- Parameters

WBC, Lymph # , Mid# , Gran# , Lymph % , Mid % , Gran% , RBC , HGB , HCT , MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV. PDW. PCT , PLCR , P-LCC and Histogram for WBC, RBC , PLT .

- Principles

Electrical impedance method for WBC RBC and PLT counting and cyanide free method for hemoglobin .

- Performance

Parameter	Linearity Range	Precision (CV%)	Carryover (%)
WBC(10 ⁹ /L)	0.3 - 99.9	≤ 2.0	≤ 0.5
RBC(10 ¹² /L)	0.15 - 8.00	≤ 1.5	≤ 0.5
HGB(g/L)	2 - 250	≤ 1.5	≤ 0.6
PLT(10 ⁹ /L)	10 - 999	≤ 4	≤ 1.0
MCV(fL)	≤ 0.5		

- Reagents : Built-in lyse and external diluent, probe cleanser for maintenance .

- Throughput: 60 samples per hour .

- Sample Volume: Pre-diluted ≤ 20 ul Whole blood ≤ 10 ul .

- Storage: Up to 50000 results including histogram .

- Calibration: Manual and Auto-calibration .

- Quality control: 3 Level QC Lj graph .

- Printout: Thermal recorder, various printouts formats External printer optional .

- Interface: 4 USB port (for external printer, barcode scanner, keyboard and mouse .
1 LAN port support protocol HLZ and LIS .

- Operating Environment: Temperature 10°C - 30°C Humidity 30% - 85% .