

Specifications

Fully Automated Hematology analyzer

COUNT 60

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|----------------------|---|
| Test principle | Electrical resistance for counting and Cyanide free method for HGB. |
| Clot clear | High voltage burn and high pressure flush. |
| Sample volume | whole blood : 10 μ L, prediluted : 20 μ L |
| Aperture diameter | WBC: 100 μ m, RBC, PLT: 70 μ m |
| Chambers | Two chambers. |
| Throughput | 60 samples/hour |
| Language | English, Spanish, French, and Chinese. |
| Reference range type | newborn- children- male- female and general. |
| Display | 10.4 inch color touch screen, show all parameters and histograms |
| Input and output | USB, keyboard, mouse, Parallel Port, RS232 serial port, can be connected to the network by external computer. |
| Working Environment | 10 $^{\circ}$ C ~ 35 $^{\circ}$ C ; Humidity: \leq 85% RH |
| Voltage | AC 110 V ~ 240V, 50Hz/60 Hz \pm 1Hz, Auto adapt according to the input voltage |
| Dimension | 370mm \times 435mm \times 472mm |
| Net weight | 23Kg |

Performance

| Parameter | Linearity | Precision(CV%) |
|--------------------|--------------------------------|--------------------------------|
| WBC(10^9 /L) | 0.3 ~ 99.9 | 2.5(7.0 ~ 15.0) |
| RBC(10^{12} /L) | 0.20 ~ 8.0 | 2(3.5 ~ 6.0) |
| HGB(g/L) | 10 ~ 250 | 1.5(110 ~ 180) |
| MCV(fL) | | 0.5(80.0 ~ 110.0) |
| PLT(10^9 /L) | 10 ~ 99.9 | 5(150 ~ 500) |
| Carry over | WBC \leq 2% HGB \leq 2% | RBC \leq 1% PLT \leq 2% |

Parameter

| | | |
|--------|--------|---------------|
| WBC | HGB | MPV |
| Lymph# | HCT | PDW |
| Mid# | MCV | PCT |
| Gran# | MCH | P-LCR |
| Lymph% | MCHC | WBC Histogram |
| Mid% | RDW-SD | RBC Histogram |
| Gran% | RDW-CV | PLT Histogram |
| RBC | PLT | |



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Fully Auto Hematology Analyzer

Flexible and Easy To Use

- Fully automatic analysis cycle.
- Automatic internal and external probe cleaning
- High Reliability and Safety



Total Solution For QC and Calibration

- Comprehensive QC programs including L-J ,
- auto draw and print QC graph
- Automatic and manual calibration
- Unique calibration program with fresh blood



Customizable software is available

- Huge storage of 30,000 patient with histogram
- Easy to check the patient data
- Programmable multi-format printout



All is subject to the real object if there is some difference with the model, specification or price.

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