



Hematology Analyzer

Model: Nano 3



3 modes

Venous whole blood.
Capillary whole blood.
Pre - diluted blood.

- 3-part differentiation.
- 9 uL sampling volume.
- Up to 60 samples per hour.
- 21 parameters.



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Operation Principles

Electrical impedance method (WBC/RBC/PLT) and cyanide free (HGB) method

Pulse baseline tracking technology, waveform discrimination technology, digital sheath flow technology and intelligent

floating threshold technology

Dual-channel is used for counting

Measured Parameters

WBC, Lym%, Mid#, Gran#, Lym%, Mid%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PDW, MPV, PCT, P-LCC, P-LCR, 3 histograms, alarm for abnormal erythrocytes, leukocyte, and platelet

Throughput

Up to 60 samples per hour

Hole blood sample

Minimum volume 9 ul

Digital Bank : Male, Female, New born Control blood.

Modes : Venous whole blood, anticoagulant peripheral whole blood and pre-diluted blood

Analysis time : Results in 40 Seconds

Display : 11" Touch Screen TFT display

Performance

Carryover Repeatability Linearity

WBC $\leq 0.5\% \leq 2.0\%$ (7-15 $\times 10^9$ /L) 0.00-300 $\times 10^9$ /L

RBC $\leq 0.5\% \leq 1.5\%$ (3.5-6.0 $\times 10^{12}$ /L) 0.00-8.5 $\times 10^{12}$ /L

HGB $\leq 0.5\% \leq 1.5\%$ (110-180g/L) 0-250g/L

PLT $\leq 1.0\% \leq 4.0\%$ (150-500 $\times 10^9$ /L) 0.00-3000 $\times 10^9$ /L

Data Storage

50,000 sample results, including parameter, histogram and patient information

Languages : English, French, Spanish, German, Italian, Chinese

Printer

Internal Printer with USB Ports and LIS connection

Operating Temp: 9C to 35C

External Power Supply 100-240Vac, Power 300VA, Frequency :50/60Hz

Dimensions: 15.5"(L) \times 14"(W) \times 18.5"(H)

Weight: 23.8kg

Reagents : Diluent 3-PAC

Lyse: ISOFLEX

Cleaner: ACT-CLEAN

