

DF55

Blockbuster Mini 5-Part Hematology Analyzer

Principles

Flow cytometry (FCM) + Tri-angle laser scatter for WBC differentiation Impedance method for WBC, RBC and PLT test Cyanide free colorimetry for HGB test

Parameters

25 reportable parameters: WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC

6 research parameters: ALY#, ALY%, LIC#, LIC%, NRBC#, NRBC%

3 histograms for WBC, RBC and PLT

Three DIFF scattergrams and one BASO scattergram for WBC differention

Sample mode Whole blood, capillary whole blood and pre-diluted modes

Throughput Up to 60 tests per hour

Display 10.4 inches TFT touch screen

Printout Internal printer: 57 mm thermal printer with various formats External printer: compatible with multiply laser / inkjet printers, compatible with various formats and user-defined formats

Storage Up to 100,000 records Sample volume 20µL

Linearity range WBC: 0.00-300.00×109/L RBC: 0.00-8.50×1012/L HGB: 0-250g/L PLT: 0-3000×109/L HCT: 0.0-67.0%

Repeatability WBC≤2.0%(4.0-15.0×10⁹/L) RBC≤1.5%(3.5-6.0×10¹²/L) HGB≤1.5%(110-180g/L) MCV≤1%(70-120fL) PLT≤6.0%(100-149×10⁹/L) $\leq 4.0\%(150-500\times10^{9}/L)$

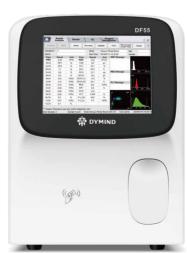
Communication LAN port supports HL7 protocol Support bi-directional LIS

Interface 4 USB ports, 1 LAN port

Power requirement 100V-240V~, 50/60Hz, ≤200VA

Dimension 364mm (W) *498mm (H)*431mm (D)

Net weight 28kg





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Expert for Small Lab

Declaration: Shenzhen Dymind Biotechnology Co., Ltd reserves the right to change the product of specifications and appearance at any time. For the information of this manual, Shenzhen Dymind Biotechnology Co., Ltd reserves the right to the interpretation and the decision.





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Tri-anglelaser scatter with advanced flow cytometry method

Tri-angle semi-conductor laser scatter can show cellular complexity, cellular granularity and cell volume, that means we can get accurate WBC differentiation. Advanced flow cytometry can get stable sheath fluid and ensure every cell goes through the flow cell one by one.

Independent BASO channel

Basophils (BASO) has important clinical significance, such as Leukemia, Anaphylactic Disease, Hematemesis, Cancer and so on.

Real double optical channel test, both for DIFF and BASO, independent BASO channel with optical counting contributes to more precise results.

Easy to operate 10.4 inches TFT touch screen with12.5° best angle

Saving space
 Built-in reagent room is convenient for reagent positioning

- Small footprint for space saving
- Rich interface
 4 USB ports, 1 LAN port
- Humanized design
 No barrier around the needle,
 It is suitable for either left hand or right hand

