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Blockbuster Mini 5-Part Hematology Analyzer

Principles
Flow Cytometry (FCM) + Tri-angle laser scatter + Chemical staining method for WBC differentiation
Impedance method for 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 differentiation

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≤2.5%(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)
≤4.0%(150-500×10⁹/L)

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

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)*492mm(H)*451mm(D)

Net weight
28kg



Expert for Small Lab



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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. P/N: EN-DF55(4.0)

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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 with 12.5° best angle

■ ***Saving space***

Built-in reagent room is convenient for reagent positioning

■ ***Compact size***

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

