

Automated Hematology Analyzer

3-Part Diff Analyzer

WINBD Biotech 21



- ✓ **Constant** 70 Samples/hour
- ✓ **21 Parameters** & 3 Histograms
- ✓ **2 Reagent System** Diluent & Lyse

new version

Automated Hematology Analyzer

3-Part Double Chamber

Technical Specification

Parameters: WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC, 3-part differentiation of WBC, 21 parameters and 3 histograms

Principles: WBC/RBC/PLT: Electrical impedance
HGB: Photoelectric colorimetry

Aspiration Volume: Whole blood 8.5 μ L, pre-diluted 20 μ L

Aperture Diameter: WBC 100 μ m, RBC/PLT 68 μ m

Throughput: 70 samples per hour

Data Storage : Up to 100,000 sample results with histograms

Alarms: Error messages

Dilution Ratio:	Whole blood	Capillary blood
WBC/HGB	1:232	1:400
RBC/PLT	1:40000	1:45000

Display: 10.4-inch color LCD, resolution 800 x 600, touch screen optional

Control and Calibration: L-J, X, X-R, X-B four control modes, manual and auto-calibration

Input/output : Support RS232, 6 USB (mouse, keyboard, HP printer, Barcode reader and flash disk), Internal 57mm thermal printer

Power: AC 100-240V, 50/60Hz, 130-180VA

Dimension & Weight: 380mm (L), x 305mm (W) x 395mm (H), about 18kg