

diagnosyf



3-Part-Diff Hematology Analyzer

Never Compromise Thirst for Speed, Faster to be First

72 samples/hour of double chambers

Compact and minimized size

2 reagents system (Diluent & Lyse)

RFID reagent close system optional

Parameters

WBC, LYM#, MID#, GRAN#, LYM%, MID%,
GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV,
RDW-SD, PLT, MPV, PDW-SD, PDW-CV, PCT, P-LCR, P-LCC
3-part differentiation of WBC, 22 parameters and 3 histograms

Principles of operation

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

72 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 $\times$ 600, touch screen

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, 180VA

Dimension & weight

415mm (L) $\times$ 305mm (W) $\times$ 395mm (H), about 18kg