

CONCEPTA

HA2 Plus

3-Part-Diff Hematology Analyzer



BioSystems
DIAGNOSTICS



22 Parameters with Histogram



Cost effective – only 2 Reagents for sample testing



Accurate and Precise results – High precision syringes



Easy maintenance – Auto clog removal

Designed for Accuracy, Driven by Efficiency.

Technical Specifications

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

Aperture Diameter

- WBC: 100 μm
- RBC / PLT: 68 μm

Alarms

- Error messages

Display

- 10.4-inch color LCD
- Resolution: 800 \times 600

Input / Output

- Support RS232, USB (mouse, keyboard, HP printer, barcode reader, flash disk)
Internal 57 mm thermal printer

Power

- AC 100–240 V, 50/60 Hz, 180 VA

Aspiration Volume

- Whole blood: 13 μL
- Pre-diluted: 20 μL

Throughput

- 70 samples per hour

Dilution Ratio

Whole Blood

- WBC / HGB: 1:232
- RBC / PLT: 1:40,000

Capillary Blood

- WBC / HGB: 1:400
- RBC / PLT: 1:45,000

Control & Calibration

- L-J, X-R, X-B four control modes
Manual and auto-calibration

Dimension & Weight

- 415 mm (L) \times 305 mm (W) \times 395 mm (H)
- Approx. 18 kg

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