3-part differentiation Hematology Analyzer

**SPECIFICATION**

**Parameters:**
- 21 parameters and 3 histograms
- WBC, LYM%, MID%, GRAN%, LYM, MID, GRAN,
- RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD,
- PLT, MPV, PDW, PCT, LCR, L-PCC

**Principle of operation:**
- WBC/RBC/PLT: Electrical Impedance
- HGB: Spectro-photometry

**Aspiration Volume:**
- Whole blood 9.6μl, Pre-diluted 20μl

**Aperture Diameter:**
- WBC/RBC/PLT 100μm

**Throughput:**
- 30 samples per hour

**Data Storage:**
- More than 100,000 sample results with histograms

**Alarms:**
- Pathological messages

**Display:**
- 10.4 inches colour LCD, resolution 640 x 480

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

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

**Input/Output:**
- Support RS232, USB port, Shortcut keys with standard mouse and keyboard

**Input/Output:**
- Support RS232, USB port,
- Shortcut keys with standard mouse and keyboard
- Internal 57mm thermal printer,
- Parallel Port and USB for external printer

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Alere Knowing now matters™

Increasing productivity while reducing cost
Parameters:
21 parameters and 3 histograms
WBC, LYM%, MID#, GRAN#, LY%, MID%, GRAN%,
RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD,
PLT, MPV, PDW, PCT, P-LCR

Principles of operation:
WBC/RBC/PLT: Electrical Impedance
HGB: Spectro-photometry

Aspiration Volume:
Whole blood 9.6μl, Pre-diluted 20μl

Aperture Diameter:
WBC/RBC/PLT 100μm

Throughput:
30 samples per hour

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Micro Sampling: 9.6μl only
Throughput: 30 samples per hour
Data storage: More than 100,000 sample results with histograms
Alarms: Pathological messages

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Input/Output:
Support RS232, standard network port and USB
Shortcut keys, optional mouse and keyboard
Internal 57mm thermal printer
USB ports for more connectivity

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Display: 10.4 inches color LCD
Control and calibration:
L-J,X,X-R,X-B four control modes, manual
Operation: automatic
Configuration: bench-top

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Easy interpretation
- Access to detailed results (normal ranges and curves)
- 100,000 patients results capacity
- Customized reporting format

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Integrated ticket printer
- Full data print-out
- PLT, RBC, and WBC curves

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Large 10.4 inch touch LCD panel
Automatic System Maintenance

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Performance Beyond Imagination