



ES-HEM6100

Automatic Hematology Analyzer



LABORATORY



Pulse Healthcare Technology

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Automatic Hematology Analyzer



Automatic Hematology Analyzer mainly used to detect the parameters of the series of red blood cells and haemoglobin, platelet and leukocyte in the blood.

It is a vitro-diagnostic equipment which is applied to quantitative blood cells analysis of clinical and laboratory.

- Easy to operate.
- Automatic standby function
- Clog prevention and maintenance function.
- Automatic self-checking and warning function.
- Safe reagent without any harm.
- Whole blood and prediluted blood test modes are available.
- Carry-over protection by automatic interior and exterior washing probe.

Technical Features

Automatization	Fully automatic
Throughput	60tests/hr
Assay Items	22 parameters, 3 parts differential of WBC
Sample Volume	13ul(whole blood), 20ul(prediluted blood)
Measuring Principle	Electro-impedance, photometric analysis
Testing Items	WBC, LY, LY%, MO, MO%, GR, GR%, RBC, HGB, HCT, MCV, RDW-SO, RDW-CV, MCH, MCHC, PLT, MPV, PCT, PDW, WBC histograms, RBC histograms, PL T histograms
Linearity Range	WBC: 0.0-99.9 (*10 ⁹ /L) RBC: 0.0-9.99(*10 ¹² /L) HGB: 0.0-300(g/L) PLT: 0.0-999(*10 ⁹ /L)
Accuracy (CV%)	WBC ≤2.0%, RBC≤1.5%, PCT≤3.0%, PLT≤5.0%, HGB≤1.5% MPVs3.0% HCT≤2.0%, MCV≤1.0%, PDW≤3.0% MCH≤2.0%, MCHC≤2.0%
Display	LCD
Storage	200,000 results including histograms
Output	One RS232, one PS/2 and two USB. Available for LIS
Printer	Built-in thermal printer, USB to external printer(Optional)
Data InP.Ut	Keypad (mouse and keypad available)
QC	Automatically calculates \bar{x} , SD, CV% and saves date
Language	English and Spanish. Other language on request
Power Supply	110/220V±10%, 60/50Hz
Package Size	660x480x640 mm (WxDxH)
Gross Weight	38kg



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