



ES-HEM6100

Automatic Hematology Analyzer



LABORATORY

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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.
- K hole blood and prediluted blood test modes are available.
- Carry-over protection by automatic interior and exterior washing.

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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