

HB Series Hematology Analyzer



•CE•ISO9001:2008•ISO13485:2003•

HB Series Hematology Analyzer

Features

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

Technical Parameters

Model	HB7021
Automatic	Fully automatic
Throughput	60 tests / hr
Assay Items	22 parameters, 3 parts differential of WBC
Sample Volume	13ul (whole blood), 20ul (prediluted blood)
Measuring Principle	Electro-impedance, photometric analysis
Parameter	WBC LY LY% MO MO% GR GR% RBC HGB HCT MCV RDW-SD RDW-CV MCH MCHC PLT MPV PCT PDW WBC histograms RBC histograms PLT histograms
Linearity Range	WBC: 0.0-99.9 (X 10 ⁹ /L) RBC: 0.0-9.99 (X 10 ¹² /L) HGB: 0.0-300 (g/L) PLT:0-999 (X 10 ⁹ /L)
Accuracy (CV %)	WBC≤ 2.0% RBC≤1.5% PCT≤ 3.0% PLT ≤5.0% HGB ≤1.5% MPV≤ 3.0% 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 Input	Keypad(mouse and keyboard available)
QC	Automatically calculates $\bar{X}$,SD,CV% and saves data
Language	English and Spanish.Other language on request
Power Supply	AC110V 60HZ or 220V 50HZ
Dimension	43cm*32cm*50.5cm
Weight	20.00 kg