BioLAB

PRODUCT CATALOG



AUTOMATIC HEMATOLOGY ANALYZER BHG-401

CE ISO9001 CERTIFIED

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HEMATOLOGY ANALYZER BHG-401

AUTO HEMATOLOGY ANALYZER



It adopts classical electrical impedance measurement technology and cyanide-free HGB measurement technology, with advanced detailed flag information that provides warning in case of abnormal cell results. Original high quality barcoded reagents, calibrators and controls maintain integrity of your test results. The compact user friendly system facilitates efficient analysis to fulfill your clinical needs.

SPECIFICATIONS

Model	BHG-401
Throughput	Up to 60 samples per hour
Principle	Electrical impedance for WBC, RBC and PLT counting. Cyanide-free colorimetry for HGB test.
Parameters	21 parameters: WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC. 3 histograms for WBC, RBC and PLT.
Temperature	15-30°C
Humidity	20%-85%
Atmospheric pressure	70-106 kPa
Sample Volume	Whole blood: 9 µl, Pre-dilution blood: 20 µl
Aperture Diameter	WBC: 100 µm, RBC: 80 µm
Sample Mode	Whole blood, Capillary whole blood mode, Prediluted mode
Display	10.4" large color TFT touch screen
Printout	Built-in thermal printer or external printer
Communication	LAN port supports HL7 protocol
Interface	4 pcs USB ports, 1 pc Ethernet port. Supports LIS connection. Supports printers, keyboard, mouse and barcode scanner.
Storage	Up to 50,000 records including numeric and graphical information
Dimension	420 x 270 x 470 mm (L x W x H)
Weight	20 kg (Net), 23 kg (Gross)
Power supply	AC 100-240V, 50±1 Hz
Alt Name	Auto Hematology Analyzer

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