BIOLAB

PRODUCT CATALOG



AUTOMATIC HEMATOLOGY ANALYZER BEM-40101

CE ISO9001 CERTIFIED

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HEMATOLOGY ANALYZER BEM-40101

FULLY AUTO CHEMISTRY ANALYZER



1. 9.7-inch color touch LCD screen, easy to operate, display all parameters and histograms on the same screen.
2. Fewer samples are required for testing: venous blood: 10μl, capillary: 10ul, prediluted: 20μl.
3. 60 samples/hour.
4. 21 parameters+3 histograms.
5. It can be turned on continuously for 24 hours.
6. Automatically clean the sampler, counting pool and pipeline after starting up.
7. Built-in thermal printer, external printer can be connected.
8. Electrical impedance method, cyanide-free detection of HGB.
9. Fully intelligent blockage removal and alarm function.

SPECIFICATIONS

Model	BEM-40101
Throughput	60 samples/hour
Principle	Impedance for WBC differentiation and WBC/RBC/PLT count; Colorimetric method for HGB
Channels	2
Parameters	21 parameters(including WBC, Mid#, Lym#, Gran#, Mid%, Lym%, Gran%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR, P-LCC)
Histograms	3 histograms(including WBC, RBC, PLT histograms)
Sample Volume	Venous blood: 10μl, Capillary: 10μl, Prediluted: 20μl
Calibration	Manual, auto calibration
Counting Modes	Venous, capillary, prediluted
Printing Model	Auto print, manual print
LIS	Support Bi-directional LIS
Language	Chinese, English, Spanish, French, Russian, Ukrainian
Reagent	Diluent 10L, Hemolytic agent 250ml, Probe cleanser: 50ml
Data Input	9.7-inch touch screen, mouse, keyboard(optional)
Output	Internal printer, support external printer
Printer Paper	57*30mm
Interface	4 USB ports, network port, RS232 serial port
Storage	100,000 results with histogram
Unclog	High voltage burn, reverse high-pressure flush
Work Temperature	10~40℃
Power Supply	100~240AC, 50/60Hz, 150VA
Relative Humidity	≤80%
Atmospheric Pressure	86.0kPa~106.0kPa
Carry-over Rate Parameter :	WBC : ≤1.5%RBC : ≤1%HGB : ≤1%PLT : ≤3%
Background Parameter :	WBC : ≤0.5*10^9/LRBC : ≤0.05*10^12/LHGB : ≤2g/LHCT : ≤0.5%PLT : ≤10*10^9/L
Linearity	WBC : (±0.5*10^9)/L ±5%RBC : (±0.05*10^12)/L ±5%HGB : (±2.0g)/L ±3%PLT : (±10.0*10^9)/L ±10%
Precision	WBC : ≤4.0%RBC : ≤2.0%HGB : ≤2.0%PLT : ≤8.0%HCT : ≤3.0%
External Size (W*D*H)	295*505*430mm
Packed Size (W*D*H)	Instrument: 404*564*616mm; Reagent: 340*340*340mm, 200*150*100mm

Net Weight	20kg
Gross Weight	Instrument: 23kg; Reagent: 13kg, 1kg
Alt Name	Fully Auto Chemistry Analyzer

FEATURES

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6. Automatically clean the sampler, counting pool and pipeline after starting up.
7. Built-in thermal printer, external printer can be connected.
8. Electrical impedance method, cyanide-free detection of HGB.
9. Fully intelligent blockage removal and alarm function.
10. Both automatic calibration and manual calibration are available.
11. Counting Mode: Venous, capillary, prediluted.
12. Support LIS system.

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com