



HEMATOLOGY ANALYZER BEM1CP1

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5-PART AUTO HEMATOLOGY ANALYZER



Throughput: 60T/H.
14-inch touch screen.
Tri-angle laser scatter + flow cytometry method + impedance method for counting.
3D holographic scattergram displays the accurate 5-part differentiation of WBC.
Large storage capacity: 100,000 results (including histogram, scattergram, patient information).

SPECIFICATIONS

Model	BEM1CP1
Throughput	60 Tests/hour
Assay Items	5 parts, 29 parameters, 3 histograms, 3D scattergram
Principle	Tri-angle laser scatter, Flow cytometry method, 3D scattergram analysis, Impedance method for RBC and PLT counting, Cyanide free reagent for HGB test
Test Mode	CBC mode, CBC+DIFF mode Venous whole blood, Capillary whole blood and Prediluted
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EO%, BAS%, NEU#, LYM#, MON#, EOS#, BAS#
Research Parameters	4 research parameters: ALY%, ALY#, IG%, IG#
Performance	
--Linearity range	
WBC	0~300*10 ⁹ /L
RBC	0~300*10 ¹² /L
HGB	0~250g/L
PLT	0~3000*10 ⁹ /L
--Carry Over	
--CV	
Sample Volume	CBC+DIFF mode: ≤20μl ; CBC mode: ≤10μl
Storage	100,000 results including histogram, scattergram and patient information
Interface	4 USB ports, 1 LAN port bi-direction LIS, support HL7 protocol, Internal RFID reader
Power Supply	AC220V±10% 50/60Hz; 110V±10% 60Hz; 400VA
Package Size (W*D*H)	575x490x690mm
Gross Weight	43kg
Reagent Package Size	330*330*330mm, 400*290*240mm, 400*290*240mm
Reagent Gross Weight	22kg, 2kg, 2kg
Alt Name	5-Part Auto Hematology Analyzer



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