



HEMATOLOGY ANALYZER

HEMATOLOGY ANALYZER BEM1CP1

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

HEMATOLOGY ANALYZER BEM1CQ1

5-PART AUTO VETERINARY 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, animal information).

SPECIFICATIONS

Model	BEM1CQ1
Throughput	60 Tests/hour
Sample Profile	Dog, cat, horse, sheep, goat, camel, cow; more species coming soon
Assay Items	5 parts, 25 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 method for HGB test
Test Mode	CBC mode, CBC+DIFF mode
Sample Mode	Venous whole blood, Capillary whole blood and Prediluted
Sample Volume	CBC+DIFF mode: $\leq 20\mu\text{l}$; CBC mode: $\leq 10\mu\text{l}$
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#
Performance	
--Linearity range	
WBC	$(0\sim 300 \times 10^9)/\text{L}$
RBC	$(0\sim 300 \times 10^{12})/\text{L}$
HGB	$(0\sim 250)/\text{g/L}$
PLT	$(0\sim 3000 \times 10^9)/\text{L}$
--Carry Over	
--CV	
Interface	4 USB ports, 1 LAN port bi-direction LIS, support HL7 protocol, Internal RFID reader
Power Supply	AC100~240V $\pm 10\%$ 50/60Hz, 300VA
Package Size (W*D*H)	575x490x690mm
Gross Weight	46kg
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



Biolab Scientific Ltd.

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