Auto Hematology Analyzer
BK-5000



Features:

①. Touch Screen display
②. 3-part differentiation of WBC
③. 21 parameters + 3 histograms
④. Throughput: 60 samples per hour

Technical Specifications:

Model	BK-5000		
Throughput	60 tests/hour		
Measuring Principle	Coulter principle Colorimetry hamoglobin determination		
Parameters	WBC, LY#, MID#, GR#, LY%, MID%, GR%, 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)		
Sampler Volume	Predilute 20μl Whole blood 10μl		
Display	8" color touch screen display		
Intelligent reagent management function	Reagent information and residual display		
Carryover	WBC≤1.5% RBC,HGB<1.0% , PLT≤2%		
Printer	External printer		
Input and output	1 RS232 , keyboard , Mouse, 4USB, LAN		
Performance	Parameter	Linearity range	Precision (CV%)
	WBC(10^9/L)	0.0-100.0	2.0 (4.0-10.0)
	RBC(10^{12}/L)	0.00-9.99	1.5 (3.50-5.50)
	HGB(g/L)	0-300	1.0 (110-160)
	PLT(10^9/L)	0-1000	5.0 (100-300)
Option	Barcode scanner, LIS		
Operating Environment	Temperature 10-35 °C Humidity ≤90%		
Power Supply	AC110/220V±10%, 60/50 Hz		
Package Size(mm)	630*600*700	Reagent Package Size(mm)	390*280*260
Gross Weight(kg)	25	Reagent Gross Weight(kg)	13

Auto Hematology Analyzer
BK-6190



Features:

①. Throughput: 60T/H.
②. 8 inch touch screen.
③. 20 parameters + 3 histograms.
④. 3 counting modes.
⑤. 100,000 sample results.
⑥. Support LIS and external printer.

Parameters:

Model	BK-6190					
Throughput	60 Tests/hour					
Measuring Principle	Impedance for cell counting Cyanide-free method for HGB					
Aperture Diameter	WBC chamber: 100μm, RBC/PLT chamber: 70μm					
Parameters	WBC, Neu#, Lym#, Mid#, Neu%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR					
Histograms	3 histograms(including WBC, RBC, PLT histograms)					
Sample Volume	Normal: 10μl; Predileted: 20μl					
Calibration	Manual & auto calibration					
Counting Modes	Venous, capilary, prediluted					
Printer	Built-in thermal printer, USB to external printer(optional)					
Data Input	8 inch touch screen, keyboard, mouse					
Output	RS232 port, USB port, VGA port. LIS system avaliable					
Storage	100,000 results with histogram					
Carry-over Rate	Parameter	WBC	RBC	HGB	PLT	
	CV	≤ 2%	≤ 1%	≤ 2%	≤ 2%	
Background	Parameter	WBC	RBC	HGB	HCT	PLT
	Background	≤ 0.2×10^9/L	≤ 0.02×10^{12}/L	≤ 1 g/L	≤ 0.5%	≤ 10×10^9/L
Precision	Parameter	WBC	RBC	HGB	MCV	PLT
	CV	≤ 2.0%	≤ 1.9%	≤ 1.9%	≤ 0.4%	≤ 4.0%
	Measurement range	(4.0-15.0×10^9)/L	(3.5-6.0×10^{12})/L	(110.0-180.0g)/L	(80.0-110.0)fL	(100.0-500.0×10^9)/L
Linearity	Parameter	WBC	RBC	HGB	PLT	
	Measurement range	(0-5.9×10^9)/L (6.0-99.9×10^9)/L	(0-0.99×10^{12})/L (1.0-9.99×10^{12})/L	(0-99.0g)/L (100.0-300.0g)/L	(0-99×10^9)/L 100-999×10^9)/L	
	CV	(±0.3×10^9)/L ±5%	(±0.05×10^{12})/L ±5%	(±2.0g)/L ±2%	(±8.0×10^9)/L ±10%	
Power Supply	AC 220±10%, 60/50Hz, 110±10%, 60Hz					
Package Size	580*470*590mm(W*D*H)		Reagent Package Size	450*410*310mm(W*D*H)		
Gross Weight	27kg		Reagent Gross Weight	23kg		