

Auto Hematology Analyzer BK-3200



Features:

- 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: 10µl, 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
- ⑩. Both automatic calibration and manual calibration are available
- ⑪. Counting Mode: Venous, capillary, prediluted
- ⑫. Support LIS system

Parameters:

Model	BK-3200					
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°C					
Power Supply	100~240 AC, 50/60Hz, 150VA					
Relative Humidity	≤80%					
Atmospheric Pressure	86.0kPa~106.0kPa					
Carry-over rate	Parameter	WBC	RBC	HGB	PLT	
	CV	≤ 1.5%	≤ 1%	≤ 1%	≤ 3%	
Background	Parameter	WBC	RBC	HGB	HCT	PLT
	Background	≤ 0.5*10 ⁹ /L	≤ 0.05*10 ¹² /L	≤2 g/L	≤ 0.5%	≤ 10*10 ⁹ /L
Linearity	Parameter	Measurement range			CV	
	WBC	(1.0~10.00*10 ⁹)/L; (10.10~99.9*10 ⁹)/L			(±0.5*10 ⁹)/L; ±5%	
	RBC	(0.3~1.00*10 ¹²)/L; (1.01~7*10 ¹²)/L			(±0.05*10 ¹²)/L; ±5%	
	HGB	(20~70g)/L; (71~200.0g)/L			(±2.0g)/L; ±3%	
Precision	Parameter	Repeatability			Measurement range	
	WBC	≤ 4.0%			(3.5~9.5*10 ⁹)/L	
	RBC	≤ 2.0%			(3.8~5.8*10 ¹²)/L	
	HGB	≤ 2.0%			(115~175g)/L	
	PLT	≤ 8.0%			(125-350*10 ⁹)/L	
	HCT	≤3.0%			35%~50%	
External Size(W*D*H)	295*467*418mm					
Packed Size(W*D*H)	Instrument: 404*564*616mm; Reagent: 340*340*340mm, 200*150*100mm					
Net weight	19 kg					
Gross weight	Instrument: 31kg; Reagent:13kg,1kg					