

Technical Specifications					
Principles		Multi-language			
Impedance method for RBC and PLT counting		Chinese, English, French, Spanish, Portuguese and Russian			
Cyanide free reagent for hemoglobin test					
Flow Cytometry (FCM) + Laser scatter + Chemical dye method for WBC 5-part differential analysis and WBC counting		Data Storage Capacity			
		Up to 20,000 results including numeric and graphical information			
Parameters		Communication			
23 parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT.		LAN Port supports HL7 protocol			
3 Histograms for WBC, RBC and PLT		Interface			
3 scattergrams for differential		USB, LAN			
		Support bi-directional LIS			
Reagent		Printout			
Diluent, DIFF lyse, LH lyse, probe cleanser		External Thermal printer / Laser printer / Inkjet printer, various printout formats and User-defined formats			
Performance		Operating Environment			
Parameter	Linearity Range	Precision	Carryover	Temperature: 10°C~30°C	
WBC	0-100×10 ⁹ /L	≤2% (4-15×10 ⁹ /L)	≤0.5%	Humidity: 20%~85%	
RBC	0-8×10 ¹² /L	≤1.5% (3.5-6.0×10 ¹² /L)	≤0.5%	Air pressure: 70 kPa~106 kPa	
HGB	0-250g/L	≤1.5% (110-180g/L)	≤0.6%		
PLT	0-1000×10 ⁹ /L	≤6.0% (100-149×10 ⁹ /L)	≤1.0%		
		≤4.0% (150-500×10 ⁹ /L)			
Sample Volume		Power requirement			
Prediluted mode		100V-240V			
Whole blood mode		50Hz/60Hz			
Capillary Whole blood mode					
		Dimension and Weight			
Throughput		Depth*width*height: 400mm*320mm*410mm			
40 samples per hour		Weight :24kg			
Display					
10.4 inch TFT Touch Screen					

BC-5000

Auto Hematology Analyzer