

# 5-Part Auto Hematology Analyzer BH-HA610



**10.4-inch LCD touch screen**  
Simple operation and rich display content, including histograms, scattergrams, patient information and other information



### Introduction:

The hematology analyzer adopts classical resistance method to automatically count a variety of cells, also can classify simply according to the size of white blood cells, to help the lab easily achieve automation. Hematology Analyzer are perfectly in line with modern laboratory requirements in facilitation of operation as well as data management and communication functions.

### Application:

The hematology analyzer is a core piece of equipment in modern clinical blood analysis, and its application has deeply penetrated many key areas of healthcare. In the laboratories and outpatient departments of hospitals at all levels, it plays a crucial role in the initial screening and differential diagnosis of diseases. Through precise analysis of white blood cells, red blood cells, platelets, and other cells, it provides essential evidence for the detection of anemia, infection, inflammation, and even leukemia. In health checkup centers, it is a standardized tool for assessing an individual's basic health status. Simultaneously, this instrument plays an irreplaceable role in emergency resuscitation and intensive care units, providing rapid results to support urgent clinical decision-making.

### Features:

- ①. Accurate Data  
Advanced sweep flow technology ensures PLT accuracy.
- ②. LCD Touchscreen  
High-definition color display, sensitive touch, supports operation while wearing rubber gloves.
- ③. Easy Operation  
One-button testing, one-button fault clearing, single-interface display of daily information.
- ④. Patented Technology  
SMART-FLOW liquid circuit invention patent, innovative, efficient, and simple.

### Parameters:

Model	BH-HA610			
Throughput	60 Tests/hour			
Assay Items	5 parts, 29 parameters, 3 histograms, 3D scattergram			
Principle	Semiconductor laser scattering technology, flow cytometry, three-dimensional scatter plot analysis, electrical impedance measurement technology, and cyanide-free HGB measurement technology.			
Test Mode	CBC+DIFF mode: Venous whole blood, capillary whole blood and prediluted			
Sample Volume	CBC+DIFF mode: ≤20μl			
Parameters	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PCT, PDW, P-LCR, P-LCC, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS# 4 research parameters: ALY%, ALY#, LIC%, LIC#			
Performance	Item	Linearity Range	Carry Over	CV(Whole blood)
	WBC	0~100.00*10 <sup>9</sup> /L	≤0.5%	≤2.0%
	RBC	0~8.00*10 <sup>12</sup> /L	≤0.5%	≤1.5%
	PLT	0~1000*10 <sup>9</sup> /L	≤1.0%	≤6.0%(100~149*10 <sup>9</sup> /L); ≤4.0%(150~500*10 <sup>9</sup> /L)
Storage	100,000 results including histogram, scattergram and patient information			
Interface	1 Ethernet port, 2 USB ports, supports bidirectional LIS systems and HL7 protocol. Optional of printer and Wi-Fi			
Screen	10.4-inch LCD touch screen			
Power Supply	AC220V 50/60Hz (Standard); AC110V 50/60Hz (Optional), 200VA			
Package Size(W*D*H)	570*450*700mm			
Gross Weight	36kg			
Reagent Package Size(W*D*H)	330*330*330m, 400*290*240mm, 400*290*240mm			
Reagent Gross Weight	22kg, 2kg, 2kg			