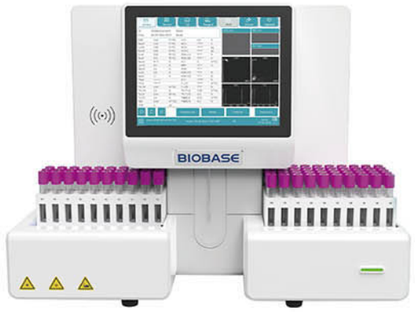
5-Part Auto Hematology Analyzer
BH-HA680



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



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-HA680			
Throughput	60 Tests/hour			
Assay Items	5 parts, 38 parameters, 2 histograms, 4 scattergrams			
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	Report parameters (38 items): Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%,WBC, NLR, PLR, RBC, HGB, HCT, MCV, MCHC, MCH, RDW-CV, RDW-SD, PLT, MPV, PDW-CV, PDW-SD, PCT, P-LCC, P-LCR, ALY%, ALY#, LIC%, LIC#, NRBC#, NRBC%, MI, RDWI, PLT-C#, PLT-C%			
Performance	Item	Linearity Range	Carry Over	CV(Whole blood)
	WBC	0~100.00*10⁹/L	≤0.5%	≤2.0% (Open-Whole Blood Mode) ≤3.0% (Auto-Whole Blood Mode)
	RBC	0~8.00*10¹²/L	≤0.5%	≤1.5%
	HGB	0~250g/L	≤0.6%	≤1.5%
	PLT	0~1000*10⁹/L	≤1.0%	≤6.0%(100~149*10⁹/L); ≤4.0%(150~500*10⁹/L)
Storage	50,000 results including histogram, scattergram and patient information			
Interface	1 Ethernet port, 4 USB ports, Supports bidirectional LIS systems and HL7 protocol. Wi-Fi connection (optional). Built-in RFID scanner (optional).			
Screen	10.4-inch LCD touch screen			
Print	Built-in printer, supports external printer.			
Loading Position	50 sample positions, supports auto-piercing sampling without cap opening			
Power Supply	AC100~240V, 50/60Hz, 250VA			
Package Size(W*D*H)	775*720*710mm			
Gross Weight	74kg			
Reagent Package Size(W*D*H)	330*330*330mm; 330*230*230mm; 330*230*230mm			
Reagent Gross Weight	22kg, 2kg, 1kg			

E-mail:info@biobase.com
www.biobase.com

5-Part Auto Veterinary Hematology Analyzer
BH-HA680VET



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



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-HA680VET			
Throughput	60 Tests/hour			
Sample Profile	Cow, horse, sheep, rabbit, dog, cat, rat and mouse			
Assay Items	5 parts, 26 parameters, 2 histograms, 2 scattergrams			
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	Reported parameters (26 items): WBC, Neu#, Lym#, Mon#, Eos#, Bas#, Neu%, Lym%, Mon%, Eos%, Bas%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW-CV, PDW-SD, PCT, P-LCC, P-LCR Research parameters (12 items): *LIC%, *NRBC#, *PLT-C#, *MI, *RDWI, *NLR, *PLR, *ALY#, *ALY%, *NRBC%, *PLT-C%, *LIC#			
Performance	Item	Linearity Range	Carry Over	CV(Whole blood)
	WBC	0~100.00*10⁹/L	≤0.5%	≤2.0% (Open-Whole Blood Mode) ≤3.0% (Auto-Whole Blood Mode)
	RBC	0~8.00*10¹²/L	≤0.5%	≤1.5%
	HGB	0~250g/L	≤0.6%	≤1.5%
	PLT	0~1000*10⁹/L	≤1.0%	≤6.0%(100~149*10⁹/L); ≤4.0%(150~500*10⁹/L)
Storage	50,000 results including histogram, scattergram and patient information			
Interface	1 Ethernet port, 4 USB ports, Supports bidirectional LIS systems and HL7 protocol. Wi-Fi connection (optional). Built-in RFID scanner (optional).			
Screen	10.4-inch LCD touch screen			
Print	Built-in printer, supports external printer.			
Loading Position	50 sample positions			
Power Supply	AC100~240V, 50/60Hz, 250VA			
Package Size(W*D*H)	775*720*710mm			
Gross Weight	74kg			
Reagent Package Size(W*D*H)	330*330*330mm; 330*230*230mm; 330*230*230mm			
Reagent Gross Weight	22kg, 2kg, 1kg			

E-mail:info@biobase.com
www.biobase.com