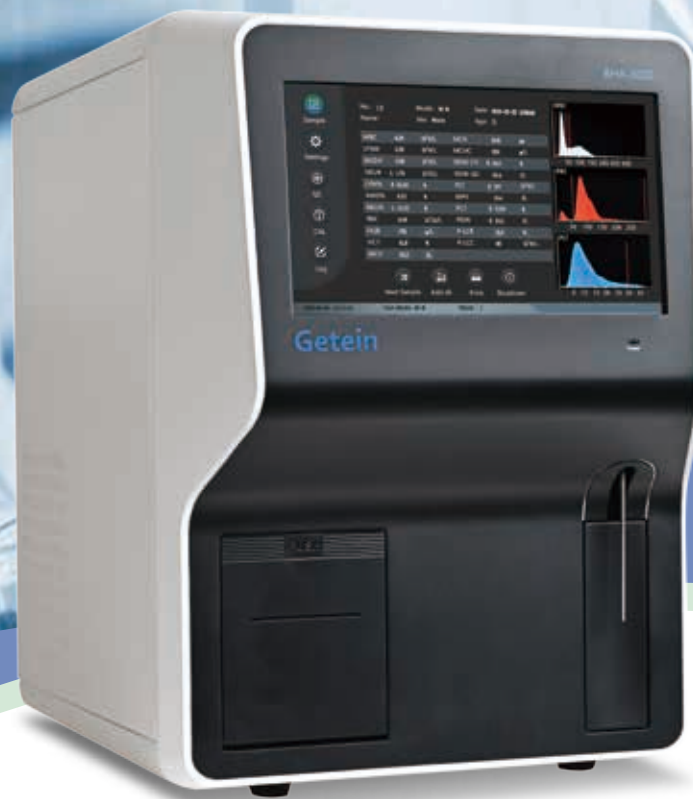


Innovation
Makes Excellence



BHA-3000 HEMATOLOGY ANALYZER

3-part Differential Automated

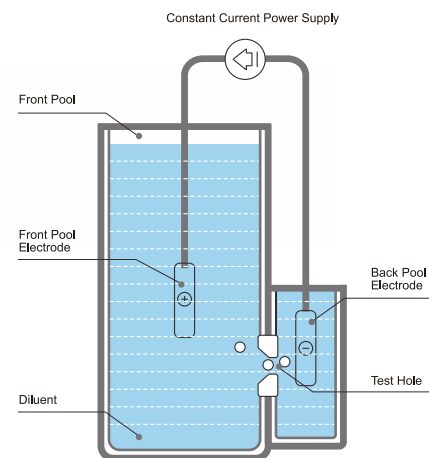
- Double-channel Test, 60 T/h
- Two Modes: Whole Blood (Venous/Capillary Blood) & Pre-dilution
- Only 6 μ L Sample for Each Test

BHA-3000 Hematology Analyzer

- Double-channel test, up to 60 samples/hour.
- Automatic cleaning & maintenance of the liquid system at regular intervals.
- Report gives 3 histograms, 21 test parameters and abnormal sample alarm.
- Large LCD touch screen, high-definition color monitor, no need external computer, easy and convenient operation.
- In-built printer, automatically print test result.

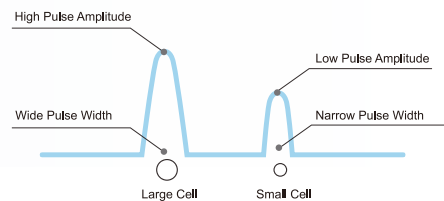
Classic Electrical Impedance Method

Loading a constant current power supply at both ends of the small hole, so when blood cell passes through the hole, a voltage pulse will appear at both ends of the hole. The pulse height is proportional to the cell size, and the number of pulses equals to the number of cells passing through. Accordingly, blood cells are counted and classified.

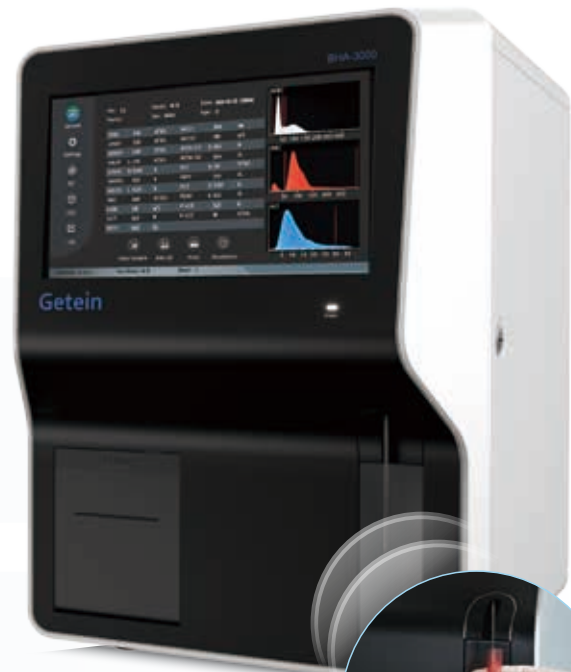


Mature Photoelectric Colorimetry

520 nm green light and high-sensitivity photodiode.



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Optimized Liquid System

Limited Failure Rate & Excellent Maintainability.

Floating Threshold

Accurate Classification & Reliable Result.

Linear Fitting

Break the Limit of Platelet Volume 2 fL Detection.

No Reagent Residue

No Residue of Diluent or Hemolytic Agent, Much Cost Effective.

6 μ L Blood Sample

Venous Blood/Capillary Blood/Pre-diluted Samples.

Test Items

White Blood Cell	WBC	Mean Corpuscular Hemoglobin Concentration	MCHC
Neutrophil#	NEU#	Mean Corpuscular Hemoglobin	MCH
Intermediate Cell#	MXD#	Red Cell Volume Distribution Width-Standard Deviation	RDW-SD
Lymphocyte#	LYM#	Red Blood Cell Specific Volume	HCT
Neutrophil%	NEU%	Platelet	PLT
Intermediate Cell%	MXD%	Mean Platelet Volume	MPV
Lymphocyte%	LYM%	Platelet Distribution Width	PDW
Red Blood Cell	RBC	Plateletcrit	PCT
Hemoglobin(Concentration)	HGB	Platelet-Large Cell Ratio	P-LCR
Mean Cell Volume	MCV	Platelet-Large Cell Count	P-LCC
Red Cell Volume Distribution Width-Coefficient of Variation			RDW-CV

Technical Specifications

Parameters

3-part WBC Differential
 21 Reportable Parameters
 3 Histograms
 Abnormal Sample Alarm

Sample Mode

Whole Blood (Venous/Capillary), Pre-dilution

QC Methods

L-J QC, X-B QC

Power Supply

100-240 V~ 50/60 Hz

Weight

16 kg

Dimension

328 mm x 425 mm x 446 mm (L x W x H)

Data Storage

10000

Screen Type

10.4 inch Resistive Screen

Operating Conditions

18~30°C, ≤80% Relative Humidity, 75 kPa~106 kPa

Reagent Type

Two Reagents: 1 Diluent, 1 Lyse



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FSC NMPA

