

# HEMATOLOGY ANALYZER



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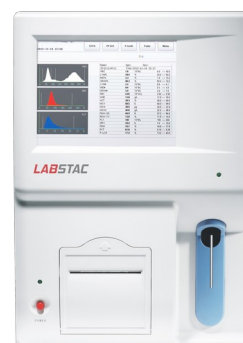
Blood Analyzer is used to determine components in blood. It is used by hospitals, medical labs, forensic labs and used to test for many things, such as blood cell counts, therapeutic drug monitoring, illegal drug use, blood typing, protein analysis, checking thyroid function, checking for the presence of antibodies.

Used in Forensic Lab, Protein Analysis, Hospitals, Medical, Laboratory, Research, Industry, Pharmaceutical.

Also known as Laboratory Blood Analyzer, Laboratory Hematology Analyzer.

## NH11 SERIES HEMATOLOGY ANALYZER

- High Efficiency and convenience: (1) 60 samples per hour, minimize your workload. (2) 1 click for analysis with 20 parameters+3 histograms.
- Complete diagnostic solution: (1) Two reagents only(500mL LYSE, 20 L DILUENT), cost-effective. (2) International brand control and calibrator provided, high quality.
- Powerful data management: (1) Store 100,000 results, large memory. (2) Easy to check history results, humanized design. (3) Support LIS, easy data transmission.
- Intelligent design: (1) Intelligent software menu for hardware diagnosis. (2) Advanced high voltage and flush to remove blockage automatically.



## SPECIFICATIONS

Model	NH111	NH112
Interface	Keyboard, mouse, RS232 serial port	USB port, RS232
Test Principle	Impedance for cell counting and cyanide-free method for HGB	
Test Flow	1 click to finish test automatically, 10μL blood is needed	-
Clog Clear	High voltage and high pressure flush	
Parameter	3 part differentiation of WBC, 20 parameters	WBC, Neu#, Lym#, Mid#, Neu%,Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR
Histograms	WBC, RBC, PLT	
Sample mode	Venous, Capillary and prediluted blood	Venous mode: 10pL, venous blood Capillary mode: 10pL, capillary blood Prediluted mode: 20pL capillary blood
Test Channel	2	-
Throughput	60 samples/hour	-
Language	English, Spanish, Portuguese, etc.	English, Spanish, Portuguese, Italian, etc.
QC Mode	3 level QC, L-J graph	

Calibration Mode	Auto mode and Manual mode	
Reference Range Type	Newborn, children, male, female and general	-
Reagent	2(Lyse and Diluent)	Lyse(500ml) and Diluent(20L) Reagent required for single test: Diluent: 26mL, Lyse: 0.35mL
Memory	100,000 sample results	
Display	Touch screen LCD	
Printer	Thermal printer, supports external printer	
Dimension	410x435x472 mm	514x594x645 mm
Weight	21 kg	24.7 kg
Power Supply	100~240 AC, 50/60 Hz	100~240 AC, 50/60±1 Hz
Temperature	-	18°C-35°C

## PERFORMANCE - NH111

Parameters	Precision(CV)	Measurement Range
WBC	≤2.0% (7.0-15.0x10 <sup>9</sup> ) / L	(0-99.9x10 <sup>9</sup> ) / L
RBC	≤1.9% (3.5-6.0x10 <sup>12</sup> ) / L	(0-99.9x10 <sup>12</sup> ) / L
HGB	≤1.9% (110.0-180.0)g / L	(0-300.0)g / L
MCV	≤0.4% (80.0-110.0) fL	
PLT	≤0.4% (100.0-500.0x10 <sup>9</sup> ) / L	(0-999x10 <sup>9</sup> ) / L

## PERFORMANCE - NH112

Parameters	Precision(CV)	Measurement Range	Carry-over rate
WBC	≤2.0% (4.0-15.0x10 <sup>9</sup> ) / L	(0-99.9x10 <sup>9</sup> ) / L	≤1.0%
RBC	≤1.5% (3.5-6.0x10 <sup>12</sup> ) / L	(0-99.9x10 <sup>12</sup> ) / L	≤1.0%
HGB	≤1.5% (110.0-180.0)g / L	(0-300.0)g / L	≤1.0%
MCV	≤0.4% (80.0-110.0) fL		
PLT	≤4.0% (100.0-500.0x10 <sup>9</sup> ) / L	(0-999x10 <sup>9</sup> ) / L	≤1.5%

## ACCESSORIES

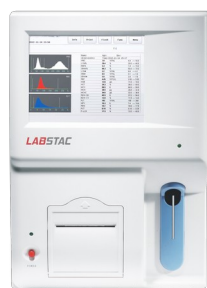
Accessory Code	Name	Unit	Quantity
AX5001	Power Cable (1.8 m)	pc	1
AX5002	Ground Cable	pc	1
AX5003	Serial Port Cable	pc	1
AX5004	Mouse	pc	1
AX5005	Keyboard	pc	1
AX5006	Touch Pen	pc	1
AX5007	Side Door Key	pc	1
AX5008	Hex Wrench (Φ 2.5)	set	1
AX5009	Service Pack	set	1
AX5010	Thermal Printer Paper (Width: 80 mm)	roll	1

AX5011	Diluent (20 L)	bottle	1
AX5012	Lyse Solution (500 mL)	bottle	1
AX5013	PB Cleanser (50 mL)	bottle	1
AX5014	E-Z Cleanser (50 mL)	bottle	1
AX5015	Diluent Cap Component	set	1
AX5016	Lyse Solution Cap Component	set	1
AX5017	Waste Bottle Cap Component	set	1
AX5018	Waste Bottle	pc	1

## OPTIONAL ACCESSORIES

Accessory Code	Name	Unit
AX5019	Barcode Scanner Assembly	pc
AX5020	Thermal Printer Paper (Width: 80 mm)	roll
AX5021	Service Manual	pc
AX5022	Diluent (20 L)	bottle
AX5023	Lyse solution (500 mL)	bottle
AX5024	Lyse solution (1 L)	bottle

Accessory Code	Name	Unit
AX5025	PB Cleanser (50 mL)	bottle
AX5026	E-Z Cleanser (50 mL)	bottle
AX5027	CBC-3D Blood QC High Level (3.0 mL) (R&D)	tube
AX5028	CBC-3D Blood QC Normal Level (3.0 mL) (R&D)	tube
AX5029	CBC-3D Blood QC Low Level (3.0 mL) (R&D)	tube
AX5030	CBC-CAL PLUS Calibrator (3.0 mL) (R&D)	tube



NH111



NH112

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