

NANO-3001

3-Part Auto Hematology Analyzer

- 21 Parameters + 3 Histograms
- 60 sample/hour
- 10.4 LCD touch
- LED and receiver tube fully integrated: Improve the stability of HGB
- User-Friendly
- Sheath Flow Impedance Method/Colorimetric Method
- Internal Thermal Printer
- Cyanide-free reagents



Smart Auto Hematology
Analyzer Designed for Clinic

Specifications

3-Part Auto Hematology Analyzer

Principles & Technologies	WBC: ImpedanceMethod RBC, PLT: Sheath Flow ImpedanceMethod HGB: Colorimetric Method
Parameters	21 Parameters + 3 Histograms Whole Blood (WB) and Pre-Dilute (PD) WBC; LYM#; MXD#; NEUT#; LYM%; MXD%; NEUT%; RBC; HGB; HCT; MCV MCH; MCHC;RDW-CV; RDW-SD; PLT; MPV; PDW; PCT; P-LCR; P-LCC;
Histogram	WBC(3-PartDifferential),RBC, PLT
Throughput	Whole Blood Mode: 60 samples/hour Pre-Dilute Mode: 60 samples/hour
Sample Volume	WB Mode: 9ul PD Mode: 320ul
Data Storage	60,000 complete sample results with histograms
Screen Type	10.4 inch LCD color touch screen
Peripheral Options	Internal Thermal Printer (include) Optional External Printer (not include) LAN (TCP/IP) 4 USB Ports
Power Source	(100~240 V) AC; 50 Hz/60 Hz
Store and Shipping Conditions	-10°C ~40°C; 10%~90% Relative Humidity; 50 kPa~106 kPa
Operating Conditions	Temperature 10°C to 30°C;relative humidity≤70%
Dimensions	460(L)* 280(W)* 400(H)
Weight	18 kg

Performance

Display Range

Parameter	Display Range
WBC	0.00X10 ⁹ /L~999.99x10 ⁹ /L
RBC	0.00X10 ¹² /L~18.00x10 ¹² /L
HGB	0g/L~300g/L
PLT	0X10 ⁹ /L~9999x10 ⁹ /L
HCT	0%~80%

Blank Range

Parameter	Blank Counting Requirement
WBC	≤0.20X10 ⁹ /L
RBC	≤0.02X10 ¹² /L
HGB	≤1g/L
PLT	≤10X10 ⁹ /L
HCT	≤0.5%

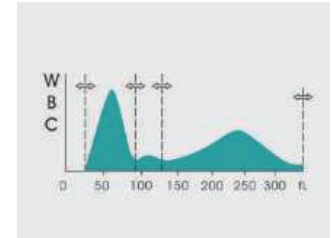
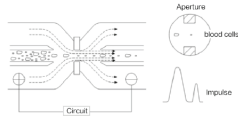
Carry Over

Parameter	Carry Over Rate
WBC	≤0.5%
RBC	≤0.5%
HGB	≤0.6%
PLT	≤1.0%



Innovative Technology

- Performs rapid and accurate analysis of 21 parameters
- Dual-Channel for counting
- LED and receiver tube fully integrated: Improve the stability of HGB



The Sheath Flow Impedance Method for RBCs/PLTs counting



High Accuracy and Reliability

- Proven technology for accuracy of results
- Linearity to support clinical diagnostics and monitoring



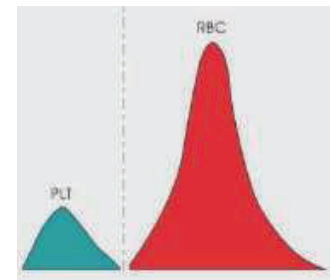
Easy Operation and Maintenance

- Intuitive software menus
- Comprehensive QC information
- RFID card reagent management
- Eliminate the fault automatically
- Daily maintenance time reminder: Convenient for daily work

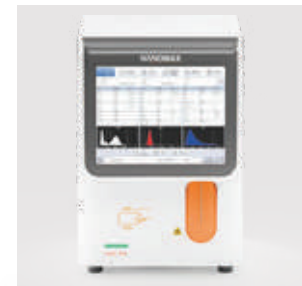


Safe and Secure

- Non-toxic, biodegradable reagent system
- Two basic reagents (diluent and lyse) for complete results



3-Part Differential WBC



Sample Analysis

Packing List

Description	Packages (ctn)	Quantity (unit)	Packing	Net Weight(kg)	Gross Weight(kg)	Measurements(cm)		
						L	W	H
NANO-3001 hematology analyzer	1	1	Carton box	25.000	33.000	63	57	59
LYE-1 Lyse (500ml/bottle)	4	4	Carton box	0.960	1.480	28	24	24
CLE-P Cleanser (50ml/bottle)		4	Carton box	0.240				
DIL-E Diluent(20L/bottle)	4			80.000	86.000	30	30	30
Total	9	4	Carton box	106.20	120.48		0.38	CBM