

# **NANO-3001**

## *3-Part-Diff Hematology Analyzer*



*User Friendly*



*Low and Easy Maintenance*



*Accurate and Precise Results*



*Reliable Spare Quality*



## **NANO-3001**

3-Part-Diff Hematology Analyzer

**NANOMAX**<sup>®</sup>  
LAB TECHNOLOGY

## **Specification**

- 22 parameters with P-LCC, P-LCR and RBC. WBC, PLT histograms
- Throughput up to 72 samples per hour with double chamber design
- Impedance method for WBC, RBC and PLT
- Photoelectric colorimetry method for HGB with cyanide free reagent
- Micro sample volume at 13pL for whole blood mode and 20pL for pre-dilute mode
- On board storage capacity of 100,000 samples results
- RFID reagent close system optional
- Four kinds of QC modes: L-J. X, X-R and X-B
- Support USB data backup & system upgrade
- Build-in thermal printer
- LIS and HIS available with HL7 protocol



***Accurate and Precise Results***

***Nearly Perfect Software Function***

***International Standard Certificate  
and Registration Documents***

***Cost-effective***

***Nearly Perfect Software Function***

## **NANO-3001**

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### **Accurate and Precise Results**

- Proven impedance measurement technology
- Auto internal & external cleaning for aspiration probe
- High precision syringes
- Internal preheating for diluent for every test
- 68 and 100 ruby apertures

### **Cost-effective**

- Tidy fluid system with low reagent consumption
- Only 2 reagents for sample testing



### **Reliable Spare Parts Quality**

- Well-known global spare parts suppliers
- High performance PCB board from fully automatic assembly line
- Individual quality control management for each single component

### **Easy to Use**

- Large color LCD with high resolution
- Working status indicator light
- Mouse and keyboard connection by USB
- Internal storage of lyse

### **Low and Easy Maintenance**

- Special self-checking function during initialization
- Auto clog removing by aperture cauterizing and flushing
- Error messages
- Openable front panel and side door

### **Nearly Perfect Software Function**

- Friendly interface and illustrate icons
- On board storage up to 100,000
- L-J, X, X-R and X-B QC methods
- Support LIS and HIS
- Tailor-made multi-language operation system

### **Professional Technical Support**

- 24 x 7 around-the-clock response
- Entire life cycle service solution
- Door-to-door service for complicated problems
- Provide qualification certificate to skilled engineer

### **International Standard Certificate and Registration Documents**

- ISO9001 & ISO13485
- CE, FSC, clinical test report, risk analysis report
- Others



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## Parameters

WBC, LYMN, MID#, GRAN#, LYM%, MID%,  
GRAN%, BBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV,  
ROW-SD, PLT, MPV, POW-SD, PDW-CV, PCT, P-LCR, P-LCC  
3—part differentiation Of WBC. 22 parameters and 3 histograms

## Principles of operation

WBC/RBC/PLT: electrical impedance  
HGB: photoelectric colorimetry

## Aspiration volume

Whole blood 13pL, pre-diluted 20pL

## Aperture diameter

WBC 100pm, RBC/PLT 68pm

## Throughput

72 samples per hour

## Data storage

Up to 100,000 sample results with histograms

## Alarms

Error messages

## Dilution ratio

	Whole blood	Capillary blood
WBC/HGB	1:232	1:400
RBC/PLT	1:40000	1:45000

## Display

10.4—inch color LCD, resolution 800 x 600, touch screen

## Control and calibration

L—J, X, X—R, four control modes, manual and auto—calibration

## Input/output

Support RS232, 6 USB (mouse, keyboard, HP printer, barcode reader and flash disk), Internal 57mm thermal printer

## Power

AC 100–240V, 50/60Hz, 180VA

## Dimension & weight

415mm (L) x 305mm (W) x 395mm (H), about 18kg



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