



## DX-3

### 3 PART AUTO HEMATOLOGY ANALYZER

- 3 part auto haematology analyzer
- Auto cleaning of sample probe and tubes
- Automatic fault processing function
- Smart Pre-Diagnostic Flagging
- 10.4 inch LCD Display
- 21 reportable parameters with 3 histograms
- 4 USB port, 1 LAN port compatible with LIS system
- Compact in Size

# DX-3

## 3 PART AUTO HEMATOLOGY ANALYZER

### TECHNICAL SPECIFICATIONS

#### Principle

WBC, RBC, PLT : Electrical impedance method  
HB : Colorimetric method ( Cynaide free reagent)

#### Performance

Parameters	Precision	Linear Range	Carryover
WBC( $10^9$ /L)	≤2.0% (3.5-15.0)	0 -100	≤0.5%
RBC( $10^{12}$ /L)	≤1.5% (3.0-6.0)	0.10 -8.00	≤0.5%
HGB (g/L)	≤1.5% (100-180)	0 -250	≤0.6%
MCV (fL)	≤1.0% (70-120)	-	-
PLT( $10^9$ /L)	≤4.0% (150-500)	0 -1000	≤1.0%

#### Parameters

21 reportable parameters: WBC, LYM#, MID#, GRAN#, LYM%, MID%, GRAN%. RBC. HGB. HCT. MCV. MCH. MCHC. RDW-CV RDW-SD. PLT. MPV. PDW. PCT. P-LCR, P-LCC 3 histograms

#### Reagents

DX-30 Lyse  
DX-30 Diluent  
Probe cleaner for maintenance

#### Flag System

Automatic flagging system for abnormal samples

#### Calibration

Manual and Auto Calibration

#### Quality Control

3 Level QC, L-J graph, X-B

#### Sample Volume

Prediluted mode 20  $\mu$ L  
Whole blood mode < 10  $\mu$ L

#### Throughput

Upto 60 samples per hour

#### Display

10.4 inch LCD Display

### PERFORMANCE HEADING

#### Communication

4 USB port (for external printer,software upgrade,barcode reader)  
LAN port (1) support protocol HL7 & compatible with LIS system  
Build-in thermal printer,external laser printer or inkjet printer

#### Dimension and Weight

390mm (W) x 285mm (L) x 390mm (H)  
Weight<16kg

#### Data Capacity

Up to 50,000 results including histograms and patient information.

#### Environment

Working Temperature: 10°C~35°  
Relative humidity: 20%~85%

#### Power Requirement

Working Voltage: AC 100V~240V, 50/60Hz  
Rated Power: 40~60VA

