



## **DH36 Auto Hematology Analyzer**



### **Features:**

- ◆ 21 parameters
- ◆ 10.4 inch LCD touch screen
- ◆ Up to 60 samples per hour
- ◆ Excellent repeatability and wider linearity range
- ◆ Powerful capability to flag abnormal cells
- ◆ Large storage capacity: up to 50,000 samples
- ◆ Recommended or customizable decision rules for re-exam abnormal samples
- ◆ Both thermal printer and USB external printer are supported
- ◆ No need flushing fluid

## **Technical Specifications:**

### **Principles**

Impedance method for WBC, RBC, PLT counting

Cyanide-free reagent for Hemoglobin test

### **Parameters**

WBC, Lym%, Lym#, Gran%, Gran#, Neu%, Neu#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, PDW, MPV, PCT, P-LCC, P-LCR

3 histograms

### **Throughput**

Up to 60 samples per hour

### **Sample Volume**

Whole Blood: 9ul

Prediluted: 20ul

### **Test Mode**

Venous whole blood; capillary whole blood; pre-diluted blood

### **Performance**

Carryover	Repeatability	Linearity
WBC ≤ 0.5%	≤ 2.0% ( $4-15 \times 10^9/L$ )	$0.00-300 \times 10^9/L$
RBC ≤ 0.5%	≤ 1.5% ( $3.5-6.0 \times 10^{12}/L$ )	$0.00-8.5 \times 10^{12}/L$
HGB ≤ 0.5%	≤ 1.5% (110-180g/L)	0-250g/L
PLT ≤ 1.0%	≤ 4.0% ( $150-500 \times 10^9/L$ )	$0.00-3000 \times 10^9/L$

### **Data Storage Capacity**

Up to 50,000 results including numeric and graphical information

### **Communication**

LAN port supports HL7 protocol

### **Operating Environment**

Temperature: 15°C-30°C

Humidity: 30-85%

Air Pressure: 70-106 kPa

### **Power Requirement**

A.C. 100-240V, ≤ 300VA, 50/60Hz

### **Dimension and Weight**

364mm(L) × 417mm(W) × 477mm(H)

Weight: 25kg