



# YJ-H6001 Hematology Analyzer



## Features:

- 3-part blood cell counter
- 20 parameters + 3 histograms
- 2 counting channels
- Up to 60 samples/hour
- 10.4" large color LCD
- Built-in printer, USB port
- Stable, durable and economical

## Performance:



## **High Stability & Accuracy**

- Use the most advanced binuclear embedded digital circuit system, to make the analytical ability great and stable
- 2 counting channels of WBC and RBC, to make the test results more accurate and less cross- contamination
- Use CPLD technology in data processing, to avoid the interference of electromagnetic signals

## **Reliable Operation System**

- ARM intelligent micro-processing technology
- Data analysis: intelligent pulse formulation technology
- Classification: floating landmark technology
- Module design, fast maintenance

## **User-friendly System**

- 10.4" large color LCD displays main menu and all parameters & color histograms in one screen
- Brief operation instruction built-in software, easy for user to view
- Separate module design, very simple mechanical structure, easy maintenance
- Self check for hardware, alarm for error
- Reagent depletion alarm for Lyse, Cleanser and Diluent, as optional function

## **Technical Features**



2 counting mode	whole blood, pre-dilution blood
Sample pre-dilution	internal diluter, add 1ml diluent automatically by the needle, no need to add diluent manually to avoid deviation.
Calibration	automated or manual
QC	comprehensive QC program, forming and printing the histogram automatically
Block removal	Real time monitor, high ignition, soak, flush and back flush

10.4" Large Color LCD



Functional Buttons



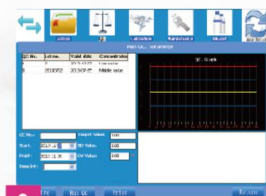
User-friendly Software



1 Full screen info with color histogram



2 Calibration info



3 QC info



4 Maintenance info

### Technical Specifications:



Principle	Electrical impedance for counting and SFT method for hemoglobin
Parameters	WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%,RBC, HGB,HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, and 3 Histograms for WBC, RBC and PLT
Throughput	Up to 60 samples per hour
Sample Volume	Whole blood:9 $\mu$ l;Pre-dilution blood:20 $\mu$ l
Aperture Diameter	WBC:80 $\mu$ m;RBC: 50 $\mu$ m
Alarms	Error messages
Display	10.4" large color LCD
Storage	10,000 sample results including histograms,available to increase storage by expanding memory card
Printout	Built-in thermal printer, various print-out formats; external printer optional
Input	Mouse and keyboard, connected by USB port
Interface	USB x3, RS232 x2
Working Conditions	Temperature:15-35 $^{\circ}$ C;Humidity: $\leq$ 80%;Atmospheric pressure:70Kpa-106Kpa;Power supply:AC220V $\pm$ 22V, 50 $\pm$ 1Hz
Dimension	325x370x545mm(L*W*H)
Weight	16Kg(net), 25Kg(gross)