



**Guangzhou Happycare Electronics Co.,LTD**

**HongKong Happycare Electronics Limited**

Address :11/F,West Tower of Xinghui International Building,NO.8 Jinsui road,Tianhe District,Guangzhou,China.

Mob:+86-15820241249

Skype:helen.yang32

Email: sale001@happycaregroup.com

## HC-B001 Auto hematology analyzer

*3 part differentiation of WBC, 20 parameters + 3 histograms*



### Specifications

Test principle: electrical resistance for counting and SFT method for HGB

Test flow: fully auto and the blood don't need dilute or other process

Quantity technology: ultra sound quantity method, resistance from disturb

Clot clear: high voltage burn and high pressure flush

Parameter: 3 part differentiation of WBC, 20 parameters + 3 histograms

Sample volume: 9.8 $\mu$ l peripheral blood or venous blood

Throughput: 35 samples/hour

Language: English

QC mode:  $\bar{X}$ 、 $\bar{X}$ -R、 $X$ -B、L-J, auto draw and print QC figure

Calibration mode: auto mode and manual mode are selectable, provide original calibrator and control

Reference range type: newborn、children、male、female and universal

Reagent: provide original reagent



## Guangzhou Happycare Electronics Co.,LTD

### HongKong Happycare Electronics Limited

Address :11/F,West Tower of Xinghui International Building,NO.8 Jinsui road,Tianhe District,Guangzhou,China.  
Mob:+86-15820241249 Skype:helen.yang32  
Email: sale001@happycaregroup.com

Memory: save more than 30000 sample' s detail results including histograms

Display: Large colour LCD, show all parameters and histograms at same screen

Input and output: keyboard、 mouse、 Parallel Port、 RS232 serial port, can be connected to computer

Printer: Inner thermal printer, can be connected to external computer and printer

Working Environment: Temperature: 18°C~35°C ; Humidity: 40%RH-80%RH

Voltage: AC 175 V~265V, Auto adapt according to the input voltage

Dimension: 300 mm×400 mm×440mm (L×W×H)

Net weight: 17Kg

## Performance

Item	Precision, CV
WBC	≤2.0%
RBC	≤1.9%
HGB	≤1.9%
MCV	≤0.4%
PLT	≤4.0%
Carry over	WBC≤2%, RBC≤1%, HGB≤2%, PLT≤2%

## Technical parameter

Sample volume: normal mode: 9.8μl, dilution mode: 20μl

Aperture diameter: 70μ m

Quantity technology: ultra sound quantity method, resistance from disturb

Throughput: 35 samples/hour

Clot clear: high voltage burn and high pressure flush

Calibration mode: auto mode and manual mode are selectable, provide original calibrator and control

QC mode:  $\bar{X}$ 、 $\bar{X}$ -R、 $\bar{X}$ -B、L-J, auto draw and print QC figure

Display: Large colour LCD, show all parameters and histograms at same screen

Memory: save more than 30000 sample' s detail results including histograms

Input and output: keyboard、 mouse、 Parallel Port、 RS232 serial port, can be connected to computer

Printer: Inner thermal printer, can be connected to external computer and printer



**Guangzhou Happycare Electronics Co.,LTD**

**HongKong Happycare Electronics Limited**

Address :11/F,West Tower of Xinghui International Building,NO.8 Jinsui road,Tianhe District,Guangzhou,China.

Mob:+86-15820241249

Skype:helen.yang32

Email: sale001@happycaregroup.com

---

## Test parameter

WBC

Lymph#

Mid#

Gran#

Lymph%

Mid%

Gran%

RBC

HGB

HCT

MCV

MCH

MCHC

RDW-SD

RDW-CV

PLT

MPV

PDW

PCT

P-LCR

WBC Histogram

RBC Histogram

PLT Histogram