

## Parameters

WBC, LYM#, MID#, GRAN#, LYM%, MID%,  
GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV,  
RDW-SD, PLT, MPV, PDW-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 13 $\mu$ L, pre-diluted 20 $\mu$ L

## Aperture diameter

WBC/RBC/PLT 80 $\mu$ m

## Throughput

42 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, X-B 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

**URIT** Since 1984  
Global Diagnostics Supplier



# BH-40P

## 3-Part-Diff Hematology Analyzer

Never Compromise Thirst for Speed, Faster than Ever

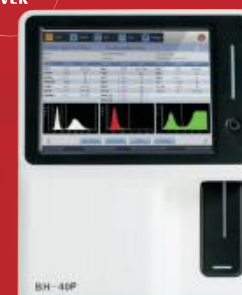
42 samples/hour of single chamber

Compact and minimized size

2 reagents system (Diluent & Lyse)

RFID reagent close system optional

FASTER  
THAN  
EVER



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Guilin, China



- 22 parameters with P-LCC, P-LCR and RBC, WBC, PLT histograms
- Throughput up to 42 samples per hour with single chamber design
- Impedance method for WBC, RBC and PLT
- Photoelectric colorimetry method for HGB with cyanide free reagent
- Micro sample volume at 13µL for whole blood mode and 20µL 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

- Proven impedance measurement technology
- Auto internal & external cleaning for aspiration probe
- High precision syringes
- Internal preheating for diluent for every test
- 80 µm ruby aperture



### Easy to Use

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



### Cost-effective

- Tidy fluid system with low reagent consumption
- Only 2 reagents for sample testing
- Flexible reagent packaging from original manufacturer
- 30+ reagent joint venture manufacturers worldwide



### 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



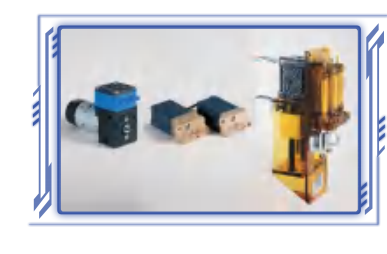
### Nearly Perfect Software Function

- 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



### 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



### International Standard Certificate and Registration Documents

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



### 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

