

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 13µL, pre-diluted 20µL
Aperture diameter
WBC/RBC/PLT 80µm
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 × 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) × 305mm (W) × 395mm (H), about 18kg



## URIT Medical Electronic Co., Ltd.

**Head Office**  
 Add.: No. D-07 Information Industry  
 District, High-tech Zone, Guilin, Guangxi, 541004, P.R. China  
 Tel: +86-773-2288586 Fax: +86-773-2288560  
 E-mail: export@uritest.com service@uritest.com  
<http://www.urit.com>

**Shenzhen Office**  
 Add.: Room E1, 24th Floor, New Baohui Building, Nanhui Road,  
 Nanshan District, Shenzhen, P.R. China  
 Tel: +86-755-26413721  
Rev.: 202003-1(20200314)



# BH-40P

## 3-Part-Diff Hematology Analyzer

**Never Compromise Thirst for Speed, Faster than Ever**

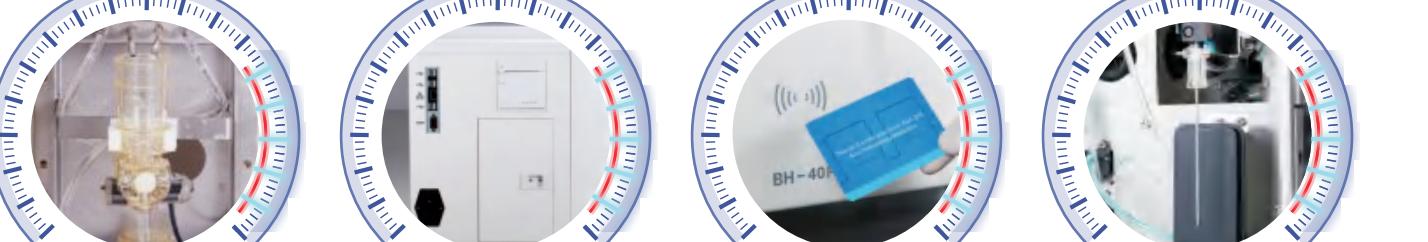
**42** samples/hour of single chamber

**Compact** and minimized size

**2** reagents system (Diluent & Lyse)

**RFID** reagent close system optional

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 13 $\mu$ L for whole blood mode and 20 $\mu$ L 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  $\mu$ m 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



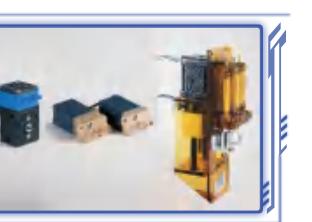
### Nearly Perfect Software Function

- 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

