

## Parameters

37 Reportable parameters (whole blood): WBC, Lym(#,%), Mon(#,%), Neu(#,%), Bas(#,%), Eos(#,%), IMG(#,%), RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, NRBC(#,%), PLT, MPV, PDW, PCT, P-LCR, P-LCC, RET(#,%), IRF, HFR, MFR, LFR, IPF, RHE

With 2 histograms, 5 scatter grams, 3 3D stereograms

50 Research parameters (whole blood): HPC(#,%), HFC(#,%), RBC-O, PLT-O, PLT-I, WBC-O, WBC-D, TNC-D, IME(#,%), H-NR%, L-NR%, NLR, PLR, WBC-N, TNC-N, InR#, InR%, Micro(#,%), Macro(#,%), MRV, PDW-SD, RPI, H-IPF, IPF#, Neu-X, Neu-Y, Neu-Z, Lym-X, Lym-Y, Lym-Z, Mon-X, Mon-Y, Mon-Z, SRBC, LRBC, SMCV, LMVC, MCH(r), HDW, MPC, MPM, HYPER%, HYPO%, FRC(#,%); With 4 scatter grams

7 Reportable parameters (body fluid): WBC-BF, RBC-BF, TC-BF#, MN(# %), PMN(# %)

11 Research parameters (body fluid): Eos-BF(#,%), Neu-BF(#,%), HF-BF(#,%), RBC-BF\*, LY-BF(#,%), MO-BF(#,%)

Body fluid with RBC histogram and DIFF scatter gram

## Channel and Principle

DIFF/WNR/RET/WPC: Flow Cytometry+Fluorescence Nucleic Acid Staining technology

RBC(PLT): Sheath Impedance

HGB: Colorimetric(The upgraded Cyanide-free reagent)

## Throughput

CBC 110T/H, CD 110T/H, CDR 65T/H

## Reagents

Diluents(DS, DR), lyses(LN, LD, LP, LH), Fluorescent dyes(FR, FN, FD, FP)

## Sampling mode

Pre-diluent 20  $\mu$ L, Whole blood  $\leq 80 \mu$ L, Capillary blood  $\leq 36 \mu$ L, Body fluid  $\leq 85 \mu$ L

## Sampling device

Auto loader with 50 (10\*5 racks) samples storage capacity

## Data storage

Up to 1,500,000 sample results with grams

## Analysis mode

CBC, CD, CDH, CDR, CDRH, CR, RET, CR/PLT-L, CDR/PLT-L

## Linearity

WBC: 0~500  $\times 10^9/L$ , PLT: 0~5000  $\times 10^9/L$

## Display

Integrated 10.4-inch touch screen with PC display (23.8-inch color TFT display)

## HIS & LIS

Support, with HL7 protocol

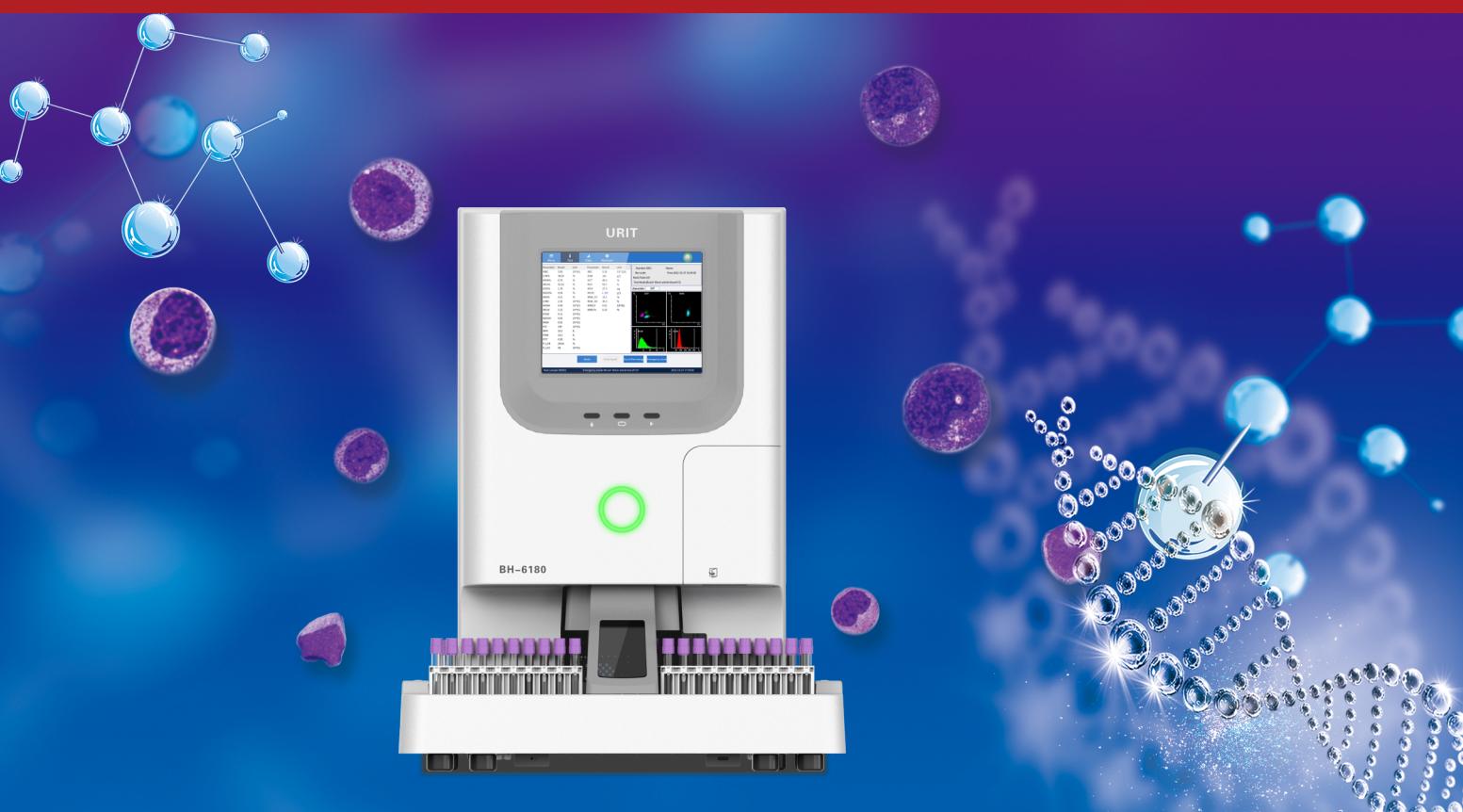
## Power

AC 100~240V, 50/60Hz, 400VA

## Dimension & Weight

570mm(L)  $\times$  775mm(W)  $\times$  725mm(H), 80kg

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# BH-6180

## 6-Part-Diff Hematology Analyzer

Fluorescence Flow Cytometry Technology

One-stop Capillary Blood Testing

44 Reportable Parameters including Body-fluid Analysis

Dual-channel PLT(PLT-I & PLT-O)

Dedicated Channel for HPC(Hematopoietic Progenitor Cell) Alarm



## 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 EJ, 24th Floor, New Baohui Building, Nanhai Road,  
Nanshan District, Shenzhen, P.R. China  
Tel: +86-755-26413721  
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Guilin, China

