

C'est un analyseur d'hématologie en 5 populations sanguines.

- 1) Test unitaire des réticulocytes : RETIC_ABS (Le nombre absolu de réticulocytes), RETIC% (Pourcentage de réticulocytes), IRF (Fraction de réticulocytes immatures).
- 2) 34 paramètres, 2 histogrammes, 2 scatters grammes.
- 3) Conception compacte en 5 parties.
- 4) 60T/Heure.
- 5) La combinaison de WIC et WOC pour le comptage des globules blancs.
- 6) Capacité de stockage à bord de 200 000 échantillons avec tous les grammes.
- 7) Possibilité de connecté une variété d'imprimantes couleur/ noir et blanc externes.
- 8) LIS et HIS disponibles avec le protocole HL7.
- 9) sans passeur.
- 10) résistance RBC mode.



34 parameters

WBC, LYM%, MON%, NEU%, EOS%, BAS%, LYM#, MON#, NEU#, EOS#, BAS#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW_CV, RDW_SD, PLT, MPV, PDW, PCT, P_LCR, P_LCC, RETIC%, RETIC_ABS, IRF
6 research parameters: ALY#, ALY%, LIC#, LIC%, NRBC#, NRBC%
2 histograms for RBC and PLT
2 scatter grams: 5-part differential scatter gram
Eosinophils and Neutrophils scatter gram

Principles of operation

WBC/DIFF: flow cytometry, semi-conductor laser light multi-dimensional cell classification
WBC analysis: optical and impedance measurements
RBC/PLT analysis: impedance method
HGB test: cyanide-free reagent colorimetry

Reagent

Diluent, detergent, lyse, sheath

Sampling modes & aspiration volume

Whole blood: 20 μ L, pre-diluent: 20 μ L

Aperture diameter

WBC 100 μ m, RBC/PLT 68 μ m

Throughput

Whole blood: up to 60 samples per hour, pre-diluent: up to 60 samples per hour

Data storage

Up to 200,000 sample results with grams

Alarms

Error messages & pathological flagging

Display

10.4-inch color touch screen

Input/output

Build-in thermal printer. Support serial port, LAN port, USB port

Power

AC 100-240V, 50/60Hz, 250VA

Dimension & weight

530mm (L) \times 270mm (W) \times 412mm (H), about 26.5kg

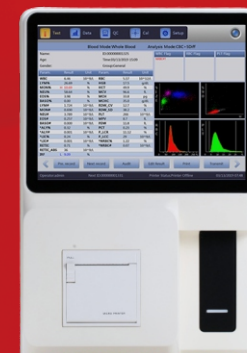
URIT *Since 1984*
Global Diagnostics Supplier



BH-5100

5-Part-Diff Hematology Analyzer

34 Parameters including RETIC_ABS, RETIC%, IRF
Flow Cytometry (FCM) + Multi Angle Scatter Separation (MASS)
Hourly throughput up to **60** samples
Resistant RBC mode
Multi-language software available (Tailor-Made)



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- Reticulocyte test: RETIC_ABS, RETIC%, IRF
- 34 parameters, 2 histograms, 2 scatter grams
- Hourly throughput up to 60 samples
- Compact design of 5-part
- The combination of WIC and WOC for WBC counting
- Impedance method for RBC and PLT counting
- Cyanide free reagent for hemoglobin counting
- On board storage capacity of 200,000 samples with all grams
- Support variety of external color printers
- LIS and HIS available with HL7 protocol



Laser Scatter

- Multi-angle scatter separation (MASS)
- Original cell morphology signal
- Stable and long-lasting



Sheath Flow Regulation

- Chemical dye free technology
- Only sheath reagent for WBC 5-diff



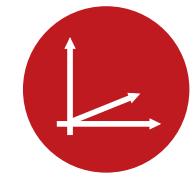
Diluting Unit

- Separation system for motors and syringes
- Ceramic syringes
- High precision motors



Electronic and Mechanical Components

- Individual quality control management
- Military level
- 20 years field-proven



2D Grams

- Two 2D histograms: RBC and PLT
- Two 2D scattergrams: 5-part differential Eosinophil and Neutrophil



Data Management

- On board storage capacity of 200,000 sample results
- Professional data statistics query system



Operation Interface

- Simple touch operation with user friendly illustrated icons
- Handy tool tips
- Unique URIT operation interface like all URIT hematology series



Quality Control Solution

- URIT original QC reagent with multi-method as L-J, X, X-R, X-B, etc.
- Third party QC solution available