

Parameters
<p>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</p> <p>With 2 histograms, 5 scatter grams, 3 3D stereograms</p> <p>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, LMCV, MCH(r), HDW, MPC, MPM, HYPER%, HYPO%, FRC(#,%); With 4 scatter grams</p> <p>7 Reportable parameters (body fluid): WBC–BF, RBC–BF, TC–BF#, MN(#,%), PMN(#,%)</p> <p>11 Research parameters (body fluid): Eos–BF(#,%), Neu–BF(#,%), HF–BF(#,%), RBC–BF*, LY–BF(#,%), MO–BF(#,%)</p> <p>Body fluid with RBC histogram and DIFF scatter gram</p>
Channel and Principle
DIFF/WNR/RET/WPC: Flow Cytometry+Fluorescence Nucleic Acid Staining technology
RBC(PLT): Sheath Impedance
HGB: Colorimetric(The upgrated 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 μL, Whole blood ≤80 μL, Capillary blood ≤36 μL, Body fluid ≤85 μL
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: 0~500×10 ⁹ /L , PLT: 0~5000×10 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) × 775mm(W) × 725mm(H), 80kg



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URIT *Since 1984*
Global Diagnostics Supplier

PLUVIA
diagnostics

BH–6180

5–Part–Diff Hematology Analyzer

- Flow Cytometry+Nucleic Acid Fluorescence Staining technology
- One–stop capillary blood testing
- Outperforming '6–Part–Diff' hematology analyzer
- 44 reportable parameters and 61 research parameters
- New PLT–L solution ensure the accuracy of low PLT count

Guilin, China



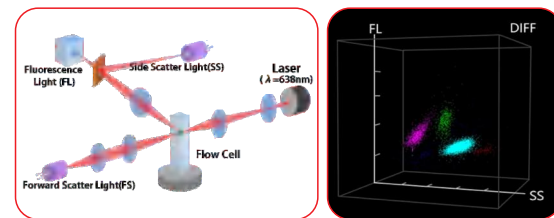
BH-6180

5-Part-Diff Hematology Analyzer

GO FURTHER IN ACCURACY AND CONVENIENT

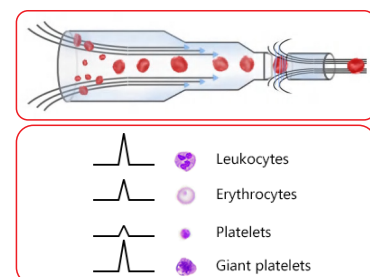
Superior Nucleic Acid Fluorescence Staining Technology

Nucleic acid content vary from different cells, target dyeing cell nucleic acid with fluorescent dyes, and get scattered light information at two angles and fluorescent signals to accurately identify different cells. The abnormal cells can be accurately and quantitatively detected thanks to the high nucleic acid fluorescent signals. It provides important clinical information for early detection of malignant diseases.



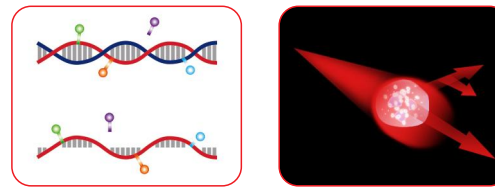
Reliable PLT Results

- **Sheath Impedance(PLT-I)**
Effectively avoiding cell overlap, more accurate PLT results
The wrapped cells passed without touching the ruby aperture, low maintenance rate
- **Fluorescent Nucleic Acid Staining(PLT-O)**
Free from interference of platelet clumps, large platelets, small RBC, fragmented RBCs etc.
- **PLT-L**
Extending counting time to ensure the accuracy of low PLT count samples

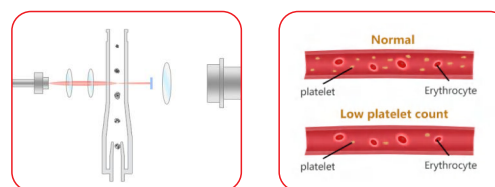


Accurate

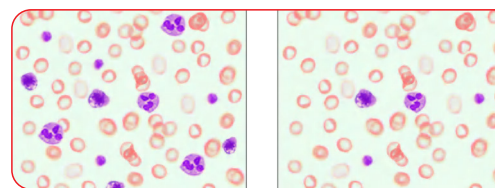
- Targeted nucleic acid fluorescence staining to accurately identify different cells



- The combination of PLT-I, PLT-O and PLT-L, accurately report platelets

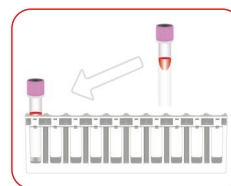


- Accurate and Automatic detection of low leukocytes count samples

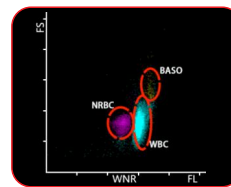


Convenient

- Capillary blood auto loading, mixing and sampling
> Higher detection efficiency
> Avoid uneven mixing and release workload
> Friendly to pediatric patients and emergency patients



- NRBC obtain in CBC test, avoid WBC counting false positive and decrease re-detection rate



- The CS module support abnormal sample auto rerun & reflex check



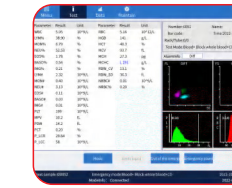
- 360° rotating code scanning



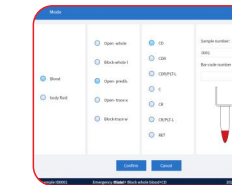
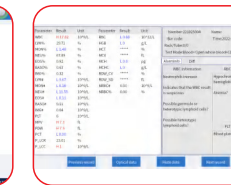
Comprehensive



- Total 44 reportable parameters including whole blood and body fluid parameters



- Total 7 analysis modes for pre-diluent samples
- Various sensitive alarm information



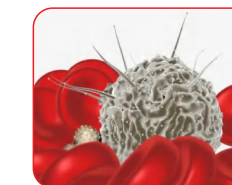
- Compatible with multiple types of sample tubes (Whole blood vacuum tube, capillary blood inner sleeve, sarstedt tube etc.)



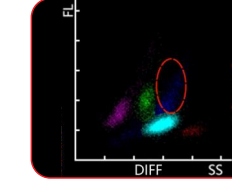
Valuable Parameters



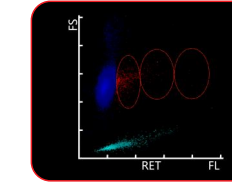
- HPC(#, %) information for early screening organ transplant rejection or determine HPC optimal transplantation time



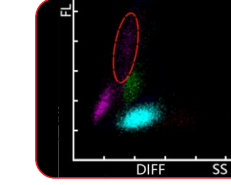
- IMG(#, %) provide valuable help about leukemia or leukemic reaction diagnosis



- RET(#, %), IRF, RHE information for better monitoring of anemia



- HFC(#, %) represent blasts and atypical lymphocytes alarm information



- InR(#, %) prompting infected by plasmodium, related to malaria.

