

BF-6800

Automatic Hematology Analyzer



Specifications

Test Items	WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, NEU%, LYM%, MON%, EOS%, BAS%, NEU#, LYM#, MON#, EOS#, BAS#, RDW-SD, RDW-CV, PDW, MPV, PCT, P-LCR
Research Parameter	BLAST#, IMM#, LEFT#, BLAST#, IMM#, LEFT%, ABNLYM#, NRBC#, ABNLYM%, NRBC%
Test Principle	Semiconductor laser flow cytometry combined with cytochemical staining, impedance, environmental friendly cyanide-free colorimetry
Throughput	CBC mode: 60 samples/h CBC+DIFF mode: 60 samples/h
Analysis Mode	CBC mode CBC+DIFF mode
Sample Type	whole blood, pre-diluted blood
Sampling Device	Automatic sampling coupled with emergency access position (4 types tube are accessible)
Data Storage	With a storage capacity of 100,000 patients' results.
Display	External computer
Report Form	A variety of print formats can be pre-programmed. User-defined format is also available.
Expansion Function	USB port, internet port, support U-Disk, printer, mouse and keyboard, etc.
Working Condition	Temperature 18-30°C, humidity ≤75%
Power	100-240VAC 50 Hz/60Hz



BF-6800

Automatic Hematology Analyzer



Certified to
ISO 9001:2008 and ISO 13485:2003

DIRUI INDUSTRIAL CO., LTD.

3333 Yijiu Street, New & High Tech, Development Zone
Changshu, Jilin 150103, P.R. China
Tel: +86(431)81935329 85100409
Fax: +86(431)85172581 85083741
E-mail: dirui@dirui.com.cn Http://www.dirui.com.cn
- Specifications subject to change without notice.

20160713

DIRUI

DIRUI

BF-6800

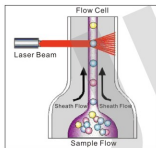
Automatic Hematology Analyzer

DIRUI



Semiconductor laser flow cytometry combined with cytochemical staining

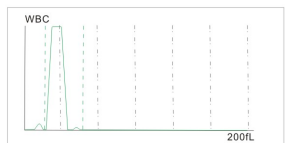
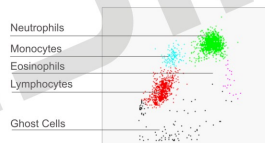
BF-6800 Automatic Hematology Analyzer adopting high stability, long life and economical semiconductor laser as light source of flow cell analysis system. Multi-angle laser scattering to accurately test cell size, cell nucleus, cell contents granular and complexity information, and combine with cytochemical staining technique to conduct differential to WBCs. At the same time, screening out the abnormal cells, greatly enhance the screening ratio of abnormal sample.



Dual-channel WBCs 5-diff

DIFF channel: Lyse dissolve RBCs and hemoglobin, conduct specific staining to eosinophils. Through the detection of semiconductor laser flow scattering technique, lymphocytes, monocytes, neutrophils and eosinophils will be distinguished in the DIFF channel.

BASO channel: Dedicated lyse agent keeps basophils maintain their original form, other cells dissolve or contract. Basophil number and the number of WBCs can be accurately tested by electronic impedance.



- Minimum sample aspiration volume: only 10μL
- Individual BAS channel is dependable
- Only 20μL whole blood ensures precise 5-DIFF results
- 10 research parameters report is second to none

Accurate & Reliable Results

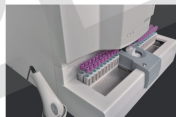
● **Advanced Test Principle**
Adopting the main stream 5-part differential technology, semiconductor laser combined with cytochemical staining. Cyanide-free hemoglobin reagents shall be safe & environmental-friendly.

Flexible & Intelligent Screening

- Numerous reference ranges and alarm limits are available for end-user to define.
- Multiple research parameters enhance the screening ratio of abnormal samples.

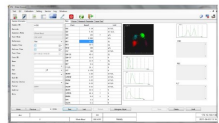
High Efficient & Automatic Test

- Throughput of 60 samples per hour.
- Multiple test modes as user needs.
- Auto loading capacity is 5 racks totally 50 tubes.
- STAT loading is available for emergency sample & pre-diluted sample.



Simple & Friendly Design

Classical & economic instrument design.
Simple application interface with graphic buttons
STAT loader also used for QC & calibration
Handy maintenance program
Reduce carry-over ratio through auto-rinsing setting
Whole blood or pre-diluted blood mode



Economic Using

Only 20 μL whole blood ensures the reliable results.
Only 4 reagents on line.
Impedance method for special BAS channel provides the accurate results of basophils.

