

Hiperion

B-Cell 60 Automated Hematology Analyzer

Results you can trust!



B-Cell 60 Hematology Analyzer



Innovative technology

- Performs rapid and accurate analysis of 22 parameters
- Utilizes same Direct Current detection method as Hiperion high-end systems
- Produces accurate results comparable to other Hiperion hematology analyzers

Compact and fully integrated

- Ideal as back-up for all 5-part differential systems
- Small footprint
- Fits easily on a laboratory bench or table
- Color touch screen monitor

Accurate and reliable

- Hiperion robustness for the best possible up-time
- Sensitive flagging to support diagnosis by the physician
- Quality Assurance Program

Easy operation and maintenance

- Minimal training required
- Simple menus
- Push-button technology
- Windows based
- 100,000 storage data

Safe and secure

- Non-toxic, biodegradable reagents
- Reliable results for clinician's and patient's peace of mind

Network capability via your LIS



With its simplified operations, the **Hiperion B-Cell 60** is ideal for clinic satellite lab or research testing. The **B-Cell 60** hematology analyzer provides **22** reportable parameters including a 3-part WBC differential, plus histograms for RBC, PLT and WBC. It provides a high level of accuracy through the use of automatic floating discriminators. Built on reliable, **Hiperion** technology, it features a simple start-up function, single button selection for sampling and daily maintenance, in a space-saving, compact design **and level sensor**.

B-Cell 60 Specifications

Detection Principles

RBC, PLT Direct Current (DC) detection method
 WBC DC detection method
 HGB Non-cyanide method
 HCT Cumulative pulse height detection method

Parameters

Whole Blood Mode; 22 parameters
 WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%, RBC, HGB, MCHC, MCH, MCV, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR and Histograms for WBC, RBC and PLT

Predilute Mode; 8 parameters
 WBC, RBC, PLT, HGB, HCT, MCV, MCH, MCHC

Histogram Throughput

WBC, RBC, PLT
 60 samples per hour (max.)

Sample Volume

Whole Blood Mode 9.8 µL
 Pre-dilute Mode 20 µL

Data Storage

100.000 complete sample results with histograms

Quality Control

3 QC programs: Levey-Jennings; X-bar file control charts
 + X-R QC, or mean-range QC is special quality control method in Hiperion systems to determine and forecast abnormal function to reflect QC data stability.
 Quality Assurance Program

Whole Blood Linearity

WBC 1.0 – 99.9 x 10³/µL
 RBC 0.30 – 7.00 x 10⁶/µL
 HGB 0.1 – 25.0 g/dL
 HCT 10.0 – 60.0%
 PLT 10 – 999 x 10³/µL

Sample No.

Up to 15 digits

Peripheral Output Options

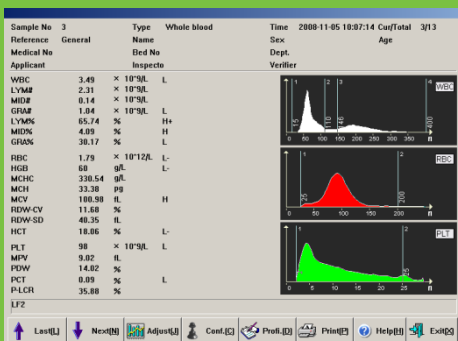
Built-in thermal printer (standard)
 Host computer (RS232)
 Handheld barcode reader (optional)
 Graphic printer (optional)
 + Various print out formats

Multi-Language Software

English, French, German, Spanish, Italian, Portuguese, Japanese, Chinese

Dimensions / Weights

436x363x367 (L.W.H mm) / 18kgs



Your Choice of Print Format

*In some areas, these parameters may be used for research or investigational purposes only.

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نماینده انحصاری : شرکت مهندسی پارسیان آز طب
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