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	WBC, RBC, PLT
Throughput	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 $1.0 - 99.9 \times 10^3/\mu L$ RBC $0.30 - 7.00 \times 10^6/\mu L$ HGB $0.1 - 25.0$ g/dL HCT $10.0 - 60.0\%$ PLT $10 - 999 \times 10^3/\mu L$
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

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**.