

BD Ultra Hb
Hemoglobin Meter

Bioline
DIAGNOSTICS
Your safety. Our commitment.

Hemoglobin Testing System



Direct Measurement of
Hemoglobin (Hb)
and Hematocrit (Hct)



Direct Sampling



Small Sample
Volume



First Results



Clinical Accuracy



Portable



First Results

- Hb and Hct results in < 12 seconds
- Simply insert strip, apply specimen and read results



Clinical Accuracy

- Direct sampling with only 4 µL of capillary or venous blood
- Results equivalent to automatic hematology analyzers
- Wide Hb measurement range of 0-26 g/dL with Hct range of 0-75%
- Both Hb and Hct are measured, not calculated



Portable

- No specimen preparation required Battery operated for portability
- Designed for point of care testing Memory stores up to 500 results



SPECIFICATIONS

Detection Principle	Electrochemical
Time to Results	< 12 seconds
Specimen Volume	4 µL
Specimen Type	Capillary or venous blood (EDTA-K2 & EDTA-K3)
Memory	500 tests
Hb Measurement Range	0-26 g/dL (0 - 16.1 mmol/L) ¹
Hct Range	0 - 75 %
PC Interface	Audio to Rs232
Calibration	Automatic
Hb Total Precision	Hb 0-10 g/dL, SD ^ 0.4 g/dL; Hb 10.1 -26 g/dL, CV<4%
Accuracy	Hb 0 -10 g/dL, ± 0.7g/dL; Hb 10.1-26 g/dL, ±7%
Operating Conditions	10 - 40 °C (50 - 104 °F) 10 - 90% RH
Meter Storage Conditions	0 - 50 °C (32 - 122 °F) 10 - 90% RH
Strip Storage Conditions	2 - 30 °C (35.6 - 86 °F) 10 - 90% RH
Strip Shelf Life	24 months
Power Source	3V CR2032 Li
Battery Life	> 1000 tests
Meter Dimensions	(L X W X H)90 x 58 x 20 mm
LCD Dimensions	(L X W)36 x 41 mm (display)
Weight (without batteries)	64 g
Automatic Shut Off	4 mins



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