

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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