



Hemo Spark

Hemoglobin Measuring System



Testing time less than
15 seconds

A single drop
10µl of whole blood

High memory
1000 records

For testing hemoglobin &
hematocrit in whole blood



METER SPECIFICATIONS

Feature	Specifications
Methodology	Reflectance Photometry
Test Time	Less Than 15 seconds
Measurement Range	0 - 25.6 g/dL, 0 - 256 g/L, 0 - 15.9 mmol/L
Sample	Whole blood (Capillary, Venous, Arterial)
Sample Volume	10 µL
Power Source	3 AAA batteries (1.5V)
	AC Adapter (Mini USB, 5V dc, 50 mA)
Battery Life	1000 tests
Units of Measure	g/dL, g/L, mmol/L
Memory	1,000 records with date and time
Automatic Shut off	5 minutes after last use
Meter Size	100 mm × 54.5 mm × 25.5 mm
Display Size	38.5 mm × 37.5 mm
Weight	72 g (without batteries)
Meter Storage conditions	0 - 50 °C (32 - 122 °F)
Operating Conditions	2 - 40 °C (35.6 - 104 °F)
Working Humidity	5 - 95% RH
Analyzer Port	USB cable for Data Transfer or Power (optional)
Capabilities	USB Data Transfer to PC and Printer
Strips (Working Environment)	Disposable (working temperature 2 - 40 °C, Working Humidity 5 - 95%)
Strip (Storage Environment)	Stable at 2 - 40 °C and Humidity 5 - 95% Shelf life of the strip : One year
Auto Calibration	Auto/Self Calibrations
Sensitivity	More than 80%
Specificity	More than 80%
Bias (Limits of Agreement)	0.5 g/dL (±1gm/dL)
Accuracy	98%
Reproducibility	CV : < 3%

Manufactured by:

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