

## HEMOGLOBIN TESTING SYSTEM



### QUICK

- Hemoglobin (Hb) and Hematocrit (Hct) results in <15 seconds
- Simply insert strip, apply specimen and read results
- Features auto-calibration for added convenience
- No specimen preparation required
- Low maintenance and quick clean up

### PORTABLE

- Operated by battery or optional AC adapter
- Small and handheld for immediate diagnosis
- Ready to use in any point of care setting
- Dry strips eliminate inconvenience in shipping and storing of liquid reagents

### CONVENIENT

- Can test capillary and venous whole blood
- Minimal training required
- Easy to read large LCD
- Quick data transfer via Mini USB port

### ACCURATE

- Only 10µl capillator venous blood required
- Precise results equivalent to automatic hematology analyzers
- Wide Hb measurement range of 4.5-25.6 g/dL with Hct range of 13-75%
- Stores up to 1,000 results

## SPECIFICATIONS

Methodology	Reflectance Photometry
Detection Principle	Methemoglobin
Time of Results	<15 Seconds
Memory	1,000 test with date/time and ID number
Specimen Volume	10µl
Specimen Type	Capillary and Venous Whole blood
Hb Measurement	4.5-25.6 g/dl
Hct Range	13-75%
Wavelengths	525 nm
PC Interface	Mini USB port
Calibration	Automatic
Hb within Run Precision	≤3%
Hb Total Precision CV	≤3%
Accuracy	Venous Blood: $Y = 0.9582 X + 0.5673$ , $R^2 = 0.992$ ; Capillary Blood: $Y = 1.006 X + 0.026$ , $R^2 = 0.993$
Operating Conditions	10-40°C (50-104°F); ≤90% RH
Meter Storage Conditions	0-50°C (32-122°F); ≤90% RH
Strip Storage Conditions	2-30°C (36-86°F); ≤85% RH
Strip Shelf Life	2 years unopened canister; 3 months opened canister
Power Source	3 pcs. AAA Batteries or AC Adapter
Battery Life	2,700 test or 360 hours
Automatic Shut Off	8 Minutes
Meter Dimensions(LxWxH)	127mm x 58 mm x 25 mm (5.0 x 2.28" x 0.09")
LCD Dimensions	39 mm x 37 mm (1.54" x 1.46")

## HEMOGLOBIN TESTING STRIP



### FEATURES

- 1 pack contains 50 strips
- Quick and easy to use
- Reliable and Portable
- Convenient
- Shelf life: 18 Months
- Sample Type: Blood
- Result Time: 1 minute
- Hb Measurement Range: 4.5-25.6g/dl

