

Hb Hemoglobin Testing System



Accurately detect Hb and Hct levels with the *Mission*[®] Hb Hemoglobin Testing System!

- Quick
- Reliable
- Portable
- Convenient



® Hb 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

Accurate

- Only 10 µL capillary or 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

Portable

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

Specifications

Feature	Technical Specification
Methodology	Reflectance Photometry
Detection Principle	Methemoglobin
Time to Results	< 15 seconds
Memory	1,000 tests with date/time and ID number
Specimen Volume	10 µL
Specimen Type	Capillary and Venous whole blood
Hb Measurement Range	4.5-25.6 g/dL (2.8-15.9mmol/L)
Hct Range	13-75%
Wavelengths	525 nm
PC Interface	Mini USB Port
Calibration	Automatic
Hb Within Run Precision CV	≤ 3%
Hb Total Precision CV	≤ 3%
Accuracy	Venous Blood: $Y=0.9582X+0.5673$, $R^2=0.992$; Capillary Blood: $Y=1.006X+0.026$, $R^2=0.993$.
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
Control Solution Shelf Life	6 months unopened bottle; 30 days opened bottle
Power Source	3 AAA Batteries or AC Adaptor
Battery Life	2,700 tests or 360 hours
Automatic Shut Off	8 minutes
Meter Dimensions (L X W X H)	127 mm × 58 mm × 25 mm (5.0" × 2.28" × 0.09")
LCD Dimensions (L X W)	39 mm × 37 mm (1.54" × 1.46")

Ordering Information

Product Name	Catalog No.	Components			
Mission® Hb Hemoglobin Testing System	C111-3021 [✓]	1 Meter 10 Lancets (26G) 3 AAA Batteries 1 Users Manual	1 Warranty Card 10 Test Strips 1 Lancing Device 1 Carrying Case	1 Quick Reference Guide 1 Lancing Device Insert 1 Test Strip Insert 1 Code Chip	2 Control Strips 1 Control Strip Insert 10 Capillary Transfer Tubes - Plastic
Mission® Hb Hemoglobin Test Strips	C131-3011 [✓]	25 Test Strips		1 Code Chip	1 Test Strip Insert
		50 Test Strips (25/Canister)		1 Code Chip	1 Test Strip Insert
		100 Test Strips (25/Canister)		1 Code Chip	1 Test Strip Insert
	C131-3021 [✓]	50 Test Strips (25/Canister) 50 Capillary Transfer Tubes - Glass/10 µL (25/Canister)		1 Code Chip	1 Test Strip Insert
Mission® Hb Hemoglobin Control Strips	C121-3031 [✓]	2 Control Strips (2/Canister)			1 Control Strip Insert
Mission® Hb Hemoglobin Control Solution	C121-3091 [✓]	2 Bottle of Level-0 Control Solution (1 mL/bottle)			1 Control Solution Insert
		2 Bottle of Level-1 Control Solution (1 mL/bottle)			
		2 Bottle of Level-2 Control Solution (1 mL/bottle)			
Mission® Capillary Transfer Tubes	C121-3081 [✓]	50 Capillary Transfer Tubes - Plastic/10 µL			
Mission® Lancets	C121-3041 [♦]	100 Lancets (26G)			
Mission® Lancing Device	C121-3051 [✓]	1 Lancing Device		1 Lancing Device Insert	
Mission® Safety Lancets I	C121-3061 [♦]	25 Safety Lancets (21G/2.8 mm); 100 Safety Lancets (28G/1.8 mm)			
Mission® Hb Hemoglobin Adaptor Kit	C121-3011 [✓]	1 Power Adaptor			

✓ CE ♦ CE 0123

**We also offer other rapid diagnostic and medical products:
Blood Glucose Monitoring Systems, Clinical Chemistry including Urinalysis, Immunoassay EIA/ELISA and more
CE Marked for sale in the European Community**