



Hb Hemoglobin Testing System

Accurately Measures Hb and Hct Levels



Unique Deluxe Design



Fast Results



Portable



Accurate



Small Sample



Sample Type:
Capillary and Venous blood

Quick

- Hemoglobin (Hb) and Hematocrit (Hct) results in < 15 seconds
- Simply insert strip, apply specimen and read results
- Low maintenance and quick clean up

Accurate

- Precise results equivalent to automatic hematology analyzers
- Wide Hb measurement range of 4.5-25.6 g/dL with Hct range of 13-75%
- Hb total precision CV $\leq 3\%$

Convenient

- Only 10 μL capillary or venous blood required
- Minimal training required, no specimen preparation
- 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 (2.8-15.9 mmol/L)
Hct Range	13-75%
Wavelengths	525 nm
PC Interface	Mini USB Port
Calibration	Automatic
Hb Within Run Precision CV	$\leq 3\%$
Hb Total Precision CV	$\leq 3\%$
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); $\leq 90\%$ RH
Meter Storage Conditions	0-50°C (32-122°F); $\leq 90\%$ RH
Strip Storage Conditions	2-30°C (36-86°F); $\leq 85\%$ 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 x 58 mm x 25 mm (5.0" x 2.28" x 0.09")
LCD Dimensions (L X W)	39 mm x 37 mm (1.54" x 1.46")



Mission®

Hb Hemoglobin Meter

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 50 Test Strips (25/Canister) 100 Test Strips (25/Canister)
		1 Code Chip 1 Code Chip 1 Code Chip
		1 Test Strip Insert 1 Test Strip Insert 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 Bottles of Level-0 Control Solution (1 mL/bottle)
		2 Bottles of Level-1 Control Solution (1 mL/bottle)
		2 Bottles of Level-2 Control Solution (1 mL/bottle) 1 Control Solution Insert
Mission® Capillary Transfer Tubes	C121-3081√	50 Capillary Transfer Tubes - Plastic/10 μL
Mission® Lancets	C121-3041*	100 Lancets (26G)(25/Bag)
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 Marked *CE 0123



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