



# 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 ≤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
<b>Methodology</b>	Reflectance Photometry
Detection Principle	Methemoglobin
<b>Time to Results</b>	< 15 seconds
<b>Memory</b>	1,000 tests with date/time and ID number
<b>Specimen Volume</b>	10 µL
<b>Specimen Type</b>	Capillary and Venous whole blood
<b>Hb Measurement Range</b>	4.5-25.6 g/dL (2.8-15.9 mmol/L)
<b>Hct Range</b>	13-75%
Wavelengths	525 nm
<b>PC Interface</b>	Mini USB Port
<b>Calibration</b>	Automatic
Hb Within Run Precision CV	≤ 3%
Hb Total Precision CV	≤ 3%
Accuracy	Venous Blood: Y=0.9582X+0.5673, R <sup>2</sup> =0.992; Capillary Blood: Y=1.006X+0.026, R <sup>2</sup> =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
<b>Strip Shelf Life</b>	2 years unopened canister; 3 months opened canister
<b>Control Solution Shelf Life</b>	6 months unopened bottle; 30 days opened bottle
<b>Power Source</b>	3 AAA (Alkaline or Rechargeable) Batteries or AC Adaptor
<b>Battery Life</b>	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
<b>Mission® Hb Hemoglobin Testing System</b>	<b>C111-3021√</b>	1 Meter, 1 Warranty Card, 1 Quick Reference Guide, 2 Control Strips, 10 Lancets (26G), 10 Test Strips, 1 Lancing Device Insert, 1 Control Strip Insert, 3 AAA Batteries, 1 Lancing Device, 1 Test Strip Insert, 10 Capillary Transfer Tubes - Plastic, 1 Users Manual, 1 Carrying Case, 1 Code Chip
<b>Mission® Hb Hemoglobin Test Strips</b>	<b>C131-3011√</b>	25 Test Strips, 1 Code Chip, 1 Test Strip Insert
	<b>C131-3011√</b>	50 Test Strips (25/Canister), 1 Code Chip, 1 Test Strip Insert
	<b>C131-3021√</b>	100 Test Strips (25/Canister), 1 Code Chip, 1 Test Strip Insert
<b>Mission® Hb Hemoglobin Control Strips</b>	<b>C121-3031√</b>	50 Test Strips (25/Canister), 1 Code Chip, 1 Test Strip Insert
<b>Mission® Hb Hemoglobin Control Solution</b>	<b>C121-3091√</b>	2 Control Strips (2/Canister), 1 Control Strip Insert
		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
<b>Mission® Capillary Transfer Tubes</b>	<b>C121-3081√</b>	50 Capillary Transfer Tubes - Plastic/10 µL
<b>Mission® Lancets</b>	<b>C121-3041*</b>	100 Lancets (26G)(25/Bag)
<b>Mission® Lancing Device</b>	<b>C121-3051√</b>	1 Lancing Device, 1 Lancing Device Insert
<b>Mission® Safety Lancets I</b>	<b>C121-3061*</b>	25 Safety Lancets (21G/2.8 mm); 100 Safety Lancets (28G/1.8 mm)
<b>Mission® Hb Hemoglobin Adaptor Kit</b>	<b>C121-3011√</b>	1 Power Adaptor

√ CE Marked \*CE 0123



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