

Mission[®] Plus



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 a test, apply specimen and read results
- Features auto-calibration
- No specimen preparation required

Accurate

- Precise results equivalent to automatic hematology analyzers
- Wide Hb measurement range of 5.6-23.5 g/dL with Hct range of 13-75%
- Hct estimation for normal hemoglobin values from 12.3 to 17.5 g/dL
- Hb total precision CV $\leq 3\%$

Convenient

- Only 10 μ L capillary or venous blood required
- Single-use dry strips allow for convenient shipping and storage
- Memory stores up to 1,000 results
- 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 μ L
Specimen Type	Capillary and Venous whole blood
Hb Measurement Range	5.6-23.5 g/dL
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: $Y=1.0367X+0.5607$, $R^2=0.985444$ Capillary Blood: $Y=1.9513X+0.5936$, $R^2=0.974115$
Operating Conditions	59-86 °F; $\leq 90\%$ RH
Meter Storage Conditions	32-122°F; $\leq 90\%$ RH
Test Cartridge Storage Conditions	36-86°F; $\leq 85\%$ RH
Test Cartridge Shelf Life	2 years unopened canister; 3 months opened canister
Control Solution Shelf Life	6 months unopened bottle; 30 days opened bottle
Power Source	4*AAA (1.5 V) or AC adaptor (Mini USB, 5 V dc, 50 mA)
Battery Life	2,700 tests or 360 hours
Automatic Shut Off	8 minutes
Meter Dimensions (L X W X H)	5.4" x 3.11" x 1.02" (137mm x 79 mm x 26 mm)
LCD Dimensions (L X W)	1.97 x 1.97" (50 mm x 50 mm)



Mission® Plus
Hb Hemoglobin Meter

Ordering Information

Product Name	Catalog No.	Components		
Mission® Plus Hemoglobin (Hb) Testing System - Starter Kit 1	C112-3051	1 Hb meter 120 Capillary Transfer Tubes 1 Carrying Case 1 Warranty Card 1 Optical Verifier Package Insert	100 Test Cartridges 2 Code Chips 2 Test Results Recording Pads 1 Quick Reference Guide 2 Capillary Transfer Tube Package Inserts	2 Optical Verifiers (2 pcs/canister) 4 AAA batteries 1 User's Manual 2 Test Cartridges Package Inserts
Mission® Plus Hemoglobin (Hb) Testing System - Starter Kit 2	C112-3061	1 Hb meter 240 Capillary Transfer Tubes 1 Carrying Case 1 Warranty Card 1 Optical Verifier Package Insert	200 Test Cartridges 4 Code Chips 4 Test Results Recording Pads 1 Quick Reference Guide 4 Capillary Transfer Tube Package Inserts	2 Optical Verifiers (2 pcs/canister) 4 AAA batteries 1 User's Manual 4 Test Cartridges Package Inserts
Mission® Plus Hemoglobin (Hb) Meter	C112-3041	1 Hb meter 1 User's Manual	4 AAA batteries 1 Quick Reference Guide 1 Warranty Card	1 Carrying Case 1 Optical Verifier Product Insert 2 Optical Verifiers (2 pcs/canister)
Mission® Plus Hemoglobin (Hb) Test Cartridges with Capillary Transfer Tubes	C132-3041	50 Test Cartridges 1 Test Cartridges Package Insert	60 Capillary Transfer Tubes 1 Capillary Transfer Tube Package Inserts	1 Code Chip 1 Test Results Recording Pad
Mission® Plus Hemoglobin (Hb) Test Cartridges	C132-3021	50 Test Cartridges	1 Code Chip	1 Test Cartridges Package Insert
Mission® Capillary Transfer Tubes	C121-3081	50 Capillary Transfer Tubes	1 Capillary Transfer Tube Package Insert	
Mission® Plus Hemoglobin (Hb) Optical Verifiers	C122-3021	2 Optical Verifiers (2 pcs/canister)	1 Optical Verifier Package Insert	
Mission® Plus Hemoglobin (Hb) Control Solution	C122-3041	1x12 mL Dropper Bottle of Control Solution 0 1x12 mL Dropper Bottle of Control Solution 1 1x12 mL Dropper Bottle of Control Solution 2 1 Control Solution Package Insert		
Mission® Safety Lancets I	C121-3061	25 Safety lancets - 21G		
Mission® Adaptor Kit	C121-3011	1 AC Adaptor		

FDA 510(k) Cleared, CLIA Waived
CPT Codes*:
85018QW - Hemoglobin (Hgb)
*CPT codes are supplied for information purposes only.



aconlabs.com

ACON Laboratories, Inc.
San Diego, CA 92121, U.S.A.
Tel: 1.858.875.8000
Fax: 1.858.200.0729
Email: info@aconlabs.com