

# Mission<sup>®</sup> Plus

## Hb Hemoglobin Testing System

*Mission<sup>®</sup> Plus* Hb Hemoglobin Testing System provides Lab-quality accuracy and precision for Hb and Hct testing!

- *Unique and Deluxe Design*
- *Quick*
- *Accurate*
- *Convenient*



# Mission® Plus Hb Hemoglobin Testing System



## Unique and Deluxe Design

- Deluxe handheld system to aid in immediate diagnosis
- Easy to read large LCD and ready to use in any Point of Care setting
- Strip format offers accurate results with affordable pricing
- Device format minimizes contamination and provides sturdy handling

## Quick

- Hemoglobin (Hb) and Hematocrit (Hct) results in < 15 seconds
- Simply insert a test, apply specimen with capillary transfer tube and read results
- Features auto-calibration for added convenience
- No specimen preparation required

## 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%

## Convenient

- Single-use dry strips/device eliminate inconvenient shipping and storage of liquid reagents
- Memory stores up to 1,000 results
- Operated by battery or optional AC adaptor
- 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/Device Storage Conditions	2-30 °C (36-86 °F); ≤85% RH
Strip/Device 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)	137mm × 79 mm × 26 mm (5.4"x 3.11"x 1.02")
LCD Dimensions (L X W)	50 mm × 50 mm (1.97"x 1.97")

## Ordering Information

Product Name	Catalog No.	Components		
Mission® Plus Hb Hemoglobin Testing System	C112-3021 ✓	1 Hb Meter 2 Control Strips 4 AAA Batteries 1 User's Manual 1 Lancing Device Insert	10 Test Strips 10 Lancets (26G) 1 Carrying Case 1 Test Strip Insert 1 Quick Reference Guide	1 Code Chip 1 Lancing Device 1 Control Strip Insert 1 Warranty Card 10 Capillary Transfer Tubes - Plastic
	C112-3031 ✓	1 Hb Meter 2 Control Devices 4 AAA Batteries 1 User's Manual 1 Lancing Device Insert	10 Test Devices 10 Lancets (26G) 1 Carrying Case 1 Test Device Insert 1 Quick Reference Guide	1 Code Chip 1 Lancing Device 1 Control Device Insert 1 Warranty Card 10 Capillary Transfer Tubes - Plastic
Mission® Plus Hb Hemoglobin Test Strips	C132-3011 ✓	50 Test Strips (25/Canister)	1 Code Chip	1 Test Strip Insert
	C132-3031 ✓	50 Test Strips (25/Canister) 50 Capillary Transfer Tubes - Glass/10 µL (25/Canister)	1 Code Chip	1 Test Strip Insert
Mission® Plus Hb Hemoglobin Test Devices	C132-3021 ✓★	50 Test Devices (10/Canister)	1 Code Chip	1 Test Device Insert
Mission® Plus Hb Hemoglobin Control Strips	C122-3011 ✓	2 Control Strips (2/Canister)	1 Control Strip Insert	
Mission® Plus Hb Hemoglobin Control Devices	C122-3021 ✓	2 Control Devices (2/Canister)	1 Control Device Insert	
Mission® Hb Hemoglobin Control Solution	C121-3091 ✓	2 Bottle of Level-0 Control Solutions (1 mL/bottle)		1 Control Solution Insert
		2 Bottle of Level-1 Control Solutions (1 mL/bottle)		
		2 Bottle of Level-2 Control Solutions (1 mL/bottle)		
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® Capillary Transfer Tubes	C121-3081 ✓	50 Capillary Transfer Tubes - Plastic/10 µL		
Mission® Hb Hemoglobin Adaptor Kit	C121-3011 ✓	1 Power Adaptor		

✓ CE ♦ CE 0123 ★ (510k) Cleared

**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

