

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 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
- 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 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	≤ 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 x 79 mm x 26 mm (5.4" x 3.11" x 1.02")
LCD Dimensions (L X W)	50 mm x 50 mm (1.97" x 1.97")



Mission® Plus
Hb Hemoglobin Meter

Ordering Information

PRODUCT NAME	CATALOG NO.	COMPONENTS
<i>Mission® Plus</i> 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
<i>Mission® Plus</i> 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
<i>Mission® Plus</i> Hb Hemoglobin Test Devices	C132-3021√♦	50 Test Devices (10/Canister) 1 Code Chip 1 Test Device Insert
<i>Mission® Plus</i> Hb Hemoglobin Control Strips	C122-3011√	2 Control Strips (2/Canister) 1 Control Strip Insert
<i>Mission® Plus</i> Hb Hemoglobin Control Devices	C122-3021√	2 Control Devices (2/Canister) 1 Control Device Insert
<i>Mission®</i> Hb Hemoglobin Control Solution	C121-3091√	2 Bottles of Level-0 Control Solutions (1 mL/bottle) 2 Bottles of Level-1 Control Solutions (1 mL/bottle) 2 Bottles of Level-2 Control Solutions (1 mL/bottle) 1 Control Solution Insert
<i>Mission®</i> Lancets	C121-3041*	100 Lancets (26G)(25/Bag)
<i>Mission®</i> Lancing Device	C121-3051√	1 Lancing Device 1 Lancing Device Insert
<i>Mission®</i> Safety Lancets I	C121-3061*	25 Safety Lancets (21G/2.8 mm); 100 Safety Lancets (28G/1.8 mm)
<i>Mission®</i> Capillary Transfer Tubes	C121-3081√	50 Capillary Transfer Tubes - Plastic/10 µL
<i>Mission®</i> Hb Hemoglobin Adaptor Kit	C121-3011√	1 Power Adaptor

√ CE Marked *CE 0123 ♦(510k) Cleared



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