

Mission[®] Ultra

Hemoglobin Testing System

Direct Measurement of
Hemoglobin (Hb)
and Hematocrit (Hct)



Direct Sampling



Small Sample
Volume



Fast Results



Clinical Accuracy



Portable

Quick

- Hb and Hct results in < 12 seconds
- Simply insert strip, apply specimen and read results

Accurate

- Direct sampling with only 4 µL of capillary or venous blood
- Results equivalent to automatic hematology analyzers
- Wide Hb measurement range of 0-26 g/dL with Hct range of 0-75%
- Both Hb and Hct are measured, not calculated

Convenient

- No specimen preparation required
- Battery operated for portability
- Designed for point of care testing
- Memory stores up to 500 results

Specifications

FEATURE	TECHNICAL SPECIFICATIONS
Detection Principle	Electrochemical
Time to Results	< 12 seconds
Specimen Volume	4 µL
Specimen Type	Capillary or venous blood (EDTA-K2 & EDTA-K3)
Memory	500 tests
Hb Measurement Range	0 - 26 g/dL (0 - 16.1 mmol/L)
Hct Range	0 - 75 %
PC Interface	Audio to RS232
Calibration	Automatic
Hb Total Precision	Hb 0 - 10 g/dL, SD ≤ 0.4 g/dL; Hb 10.1 - 26 g/dL, CV ≤ 4%
Accuracy	Hb 0 - 10 g/dL, ± 0.7g/dL; Hb 10.1-26 g/dL, ± 7%
Operating Conditions	10 - 40 °C (50 - 104 °F) 10 - 90% RH
Meter Storage Conditions	0 - 50 °C (32 - 122 °F) 10 - 90% RH
Strip Storage Conditions	2 - 30 °C (35.6 - 86 °F) 10 - 90% RH
Strip Shelf Life	24 months
Power Source	3V CR2032 Li
Battery Life	≥ 1000 tests
Meter Dimensions (L X W X H)	90 x 58 x 20 mm
LCD Dimensions (L X W)	36 x 41 mm (display)
Weight (without batteries)	64 g
Automatic Shut Off	4 mins



Mission® Ultra
Hemoglobin Meter

Ordering Information

PRODUCT NAME	CATALOG NO.	COMPONENTS
Mission® Ultra Hemoglobin Testing System	C111-6011*	1 Meter 10 Lancets (26G) 1 User Manual 1 Code Chip 1 Warranty Card 10 Test Strips 1 Lancing Device 1 Carrying Case 1 Quick Reference Guide 1 Test Strip Insert 1 Lancing Device Insert 2 3V CR2032 Li Batteries
Mission® Ultra Hemoglobin Test Strip	C131-6011*	50 Test Strips (25/Canister) 100 Test Strips (25/Canister) 1 Code Chip 1 Code Chip 1 Test Strip Insert 1 Test Strip Insert
Mission® Ultra Hemoglobin Control Solution	C121-6011*	1 Bottle of Level - 0 Control Solution (2ml/Bottle) 1 Bottle of Level - 1 Control Solution (2ml/Bottle) 1 Bottle of Level - 2 Control Solution (2ml/Bottle) 1 Package Insert
Mission® Hemoglobin Lancets	C121-3041*	100 Lancets (26G)
Mission® Hemoglobin Lancets Device	C121-3051√	1 Lancing Device 1 Lancing Device Insert

√ CE Marked *CE 0123