



Cholesterol Monitoring System

Lipid panel testing for
professional and self-test use

Mission[®]

Cholesterol
Monitoring
System

We also offer other rapid diagnostic and medical products for:

Blood Glucose, Lateral flow, POCT Products, Immunoassay, Molecular Diagnostics and more.
Contact us for worldwide distribution and custom manufacturing (OEM) opportunities

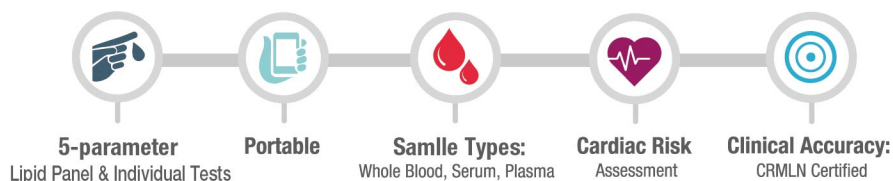
CE Marked for sale in the European Community.



Mission® Cholesterol Monitoring System



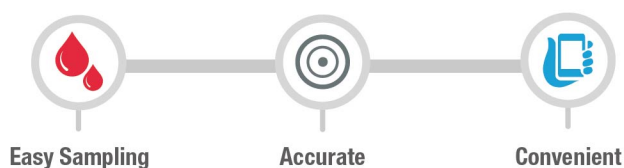
- Large, easy-to-read display
- Fast, reliable lipid test results
- Compact, ergonomic design



Mission® Ultra Cholesterol Monitoring System



- Compact, handheld design
- Fast Biosensor Total Cholesterol (CHOL) results in 15-70 seconds
- Strip ejector avoids contact with used test strips



Mission® Printer



- Print results immediately after each test or from memory
- Simply connect to the *Mission®* Cholesterol Meter via mini USB-RS232 port
- Portable printer with a small and unique design for easier storage

Specifications



Lipid Panel Test Device

- Measures: Total Cholesterol, HDL Cholesterol & Triglycerides
- Calculates: LDL, CHOL/HDL Ratio
- Cardiac Risk Assessment (CHD)

Single Analyte Test Device

- Total Cholesterol Test Device
- HDL Cholesterol Test Device
- Triglycerides Test Device



Biosensor Total Cholesterol (CHOL) Test strip

- Direct sampling, only 4µL of capillary whole blood
- 2-year shelf life for test strips
- High quality and reliable

FEATURE	MISSION® CHOLESTEROL SPECIFICATIONS	MISSION® ULTRA CHOLESTEROL SPECIFICATIONS
Detection Principle	Reflectance Photometry	Biosensor
Tests	Total Cholesterol (CHOL), High-density Lipoprotein (HDL), Triglycerides (TRIG), Calculated Low-density Lipoprotein (LDL), CHOL/HDL ratio, Cardiac Risk Assessment	Total Cholesterol (CHOL)
Time to Results	≤2 Minutes	15-70 seconds
Memory	200 results with Date/Time	200 results with Date/Time
Specimen Volume	10 µL (Individual Tests) or 35 µL (3-in-1 Lipid Panel Test)	4 µL
Specimen Type	Capillary or Venous Whole Blood, Serum or Plasma	Capillary Whole Blood
Measurement Units	mg/dL or mmol/L	mg/dL or mmol/L
Measurement Range	CHOL: 100-500 mg/dL (2.6-12.93 mmol/L) HDL: 15-100 mg/dL (0.39-2.59 mmol/L) TRIG: 45-650 mg/dL (0.51-7.34 mmol/L)	CHOL: 100-450 mg/dL (2.6-11.7 mmol/L)
HCT	30-50%	30-60%
Within-run Precision (CV%)	CHOL: 100-500 mg/dL(2.6-12.9 mmol/L) (≤5.0%) HDL: 30-100 mg/dL (0.8-2.6 mmol/L) (≤5.0%) TRIG: 100-650 mg/dL (1.1-7.3 mmol/L) (≤5.0%)	200 mg/dL (5.2 mmol/L), 4.9%; 240 mg/dL (6.2 mmol/L), 4.7%
Accuracy	CHOL: Y=0.9805X+5.449, R ² =0.9391 HDL: Y=1.0041X+0.3506, R ² =0.9489 TRIG: Y=1.012X+2.2851, R ² =0.9852	Y=1.016X+0.001, R=0.990
PC Interface	Mini USB Port	Mini USB Port
Calibration	Code Chip	Code Chip
Operating Conditions	15-40°C (59-104°F); RH≤90%	15-40°C (59-104°F); RH 20-90%
Storage Conditions	Meter: 0-50°C (32-122°F); Device: 2-30°C (36-86°F)	Meter: 2-45°C (36-113°F); Strip: 2-30°C (36-86°F)
Test Device/Strip Shelf Life	Unopened pouch: 18 months	Opened canister: 3 months Unopened canister and pouch: 2 years
Power Source	4 AAA Batteries or AC Adaptor	3 AAA or AC Adaptor (Mini USB, 5V DC, 50 mA)
Battery Life	≥ 1,000 tests	≥ 1,000 tests
Meter Dimensions (L x W x H)	137 mm × 79 mm × 26 mm (5.4" × 3.1" × 1.0")	55 mm × 106 mm × 20 mm (2.2" × 4.2" × 0.8")
Display Dimensions (L x W)	50 mm × 50 mm (2.0" × 2.0")	32.5 mm × 34.8 mm (1.3" × 1.4")
Weight without Batteries	145 g (5.11 oz)	65g (2.3 oz)

Ordering Information

PRODUCT NAME	CATALOG NO.	COMPONENTS		
MISSION® CHOLESTEROL ORDERING INFORMATION				
<i>Mission®</i> Cholesterol Meter	C111-2021★	1 Meter 1 Manual 2 Control Devices (2/canister) 1 Carrying Case	1 Control Device Insert 1 Quick Reference Guide 1 Warranty Card 4 Batteries	
	C111-2041*	1 Meter 1 Manual 2 Control Devices (2/canister) 1 Carrying Case 5 Safety Lancets	1 Control Device Insert 1 Quick Reference Guide 1 Warranty Card 4 Batteries	
<i>Mission®</i> Cholesterol Test Device-3-in-1 Lipid Panel (with Safety Lancets)	C131-2051★	5 Test Devices (Individual Pouch) 5 Capillary Transfer Tubes	5 Safety Lancets 1 Package Insert	1 Code Chip
<i>Mission®</i> Cholesterol Test Device-3-in-1 Lipid Panel	C131-2041★		Package 1:	Package 2:
<i>Mission®</i> Cholesterol Test Device-CHOL Total Cholesterol	C131-2011*	5 Test Devices (Individual Pouch) 5 Capillary Transfer Tubes	25 Test Devices (Individual Pouch) 25 Capillary Transfer Tubes	
<i>Mission®</i> Cholesterol Test Device-HDL High Density Lipoprotein	C131-2031*	1 Code Chip 1 Device Insert	1 Code Chip 1 Device Insert	
<i>Mission®</i> Cholesterol Test Device-TRIG Triglyceride	C131-2021*	1 Tube Insert	1 Tube Insert	
<i>Mission®</i> Cholesterol CTRL Control Devices	C121-2021*	2 Control Devices (2/canister)	1 Package Insert	
<i>Mission®</i> Cholesterol Control Solution	C121-2011*	For 3-in-1 Lipid Panel 1 CHOL Control Solution 1(Normal level, 2 mL/bottle) 1 CHOL Control Solution 2(High level, 2 mL/bottle) 1 HDL/TRIG Control Solution 1(Normal level, 2 mL/bottle) 1 HDL/TRIG Control Solution 2(High level, 2 mL/bottle) 1 Package Insert		
<i>Mission®</i> Capillary Transfer Tubes	C121-3081	50 Capillary Transfer Tubes(10 µL and 35 µL)	1 Package Insert	
MISSION® ULTRA CHOLESTEROL ORDERING INFORMATION				
<i>Mission® Ultra</i> Cholesterol Monitoring System	C111-5011*	1 Meter 1 Manual 1 Lancing Device Insert 5 Test Strips (Individual Pouch)	1 Carrying Case 3 Batteries 5 Lancets (26G) 1 Code Chip	1 QRG 1 Warranty Card 1 Lancing Device 1 Strip Insert
<i>Mission® Ultra</i> Cholesterol Meter	C111-5031*	1 Meter 1 Manual	1 Carrying Case 1 QRG	3 Batteries 1 Warranty Card
<i>Mission® Ultra</i> CHOL Total Cholesterol Test Strips	C131-5011*	5 Test Strips (1/Pouch) 1 Code Chip 1 Package Insert	25 Test Strips (25/canister) 1 Code Chip 1 Package Insert	
		10 Test Strips (1/Pouch) 1 Code Chip 1 Package Insert	50 Test Strips (25/canister x 2) 1 Code Chip 1 Package Insert	
<i>Mission® Ultra</i> Cholesterol Control Solution	C121-5011*	1 Level-1 Control Solution (2 mL/bottle) 1 Level-2 Control Solution (2 mL/bottle)	1 Package Insert	
ACCESSORIES				
<i>Mission®</i> Lancets	C121-3041*	100 Lancets (26G)	1 Package Insert	
<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/2.8mm)		
<i>Mission®</i> Safety Lancets III	C121-3101*	50 Safety Lancets (21G/2.2mm)		
<i>Mission®</i> Adaptor Kit	C121-3011√	1 Power Adaptor	1 Plug	
<i>Mission®</i> Printer	C121-1021√	1 Printer 1 Paper Roll 1 Package Insert	1 Cable 1 Adapter 1 Warranty Card	

√ CE Marked * CE0123 ★US 510 (k) cleared



www.aconlabs.com

ACON Laboratories, Inc.

5850 Oberlin Drive, #340, San Diego, CA 92121, USA

Tel: 1-858-875-8000

Fax: 1-858-200-0729

E-mail : info@aconlabs.com