

Cholesterol Monitoring System (ACA401/ACA401r)

Technical Specifications

Methodology:	Reflectance Photometer
Test Time:	≤120s
Measurement Range:	CHOL:2.59-12.93mmol/L (100-500mg/dL) HDL:0.39-2.59mmol/L (15-100mg/dL) TRIG:0.51-7.34mmol/L (45-650mg/dL)
Specimen:	Whole blood/Serum/Plasma
Sample Volume:	35μL (3 in 1 test strip), 10μL(single test strip)
Power Source:	4AAA Batteries
Units of Measure:	mg/dL or mmol/L
Units of Time:	12 H or 24 H
Memory:	999 results
Automatic Shut Off:	5 minutes after the last action
Meter Dimension:	135.3mm*73.7mm*27mm
Display Size:	50mm*45mm
Weight (without Batteries):	Approx. 122g
Meter Connectors:	USB cable for Data Transfer or Power(optional)
Testable Items:	Cholesterol (CHOL), High density Lipoprotein (HDL), Low Density Lipoprotein (LDL), Triglyceride (TRIG) and Rate of Cholesterol and high density lipoprotein (CHOL/HDL).



HB Hemoglobin Monitoring System (AHR-ACO100/AHR-ACO100ST)

Technical Specifications

Methodology:	Reflectance Photometer
Test Time:	< 15 Seconds
Measurement Range:	4.5~25.6 g/dL ,45~256 g/L, 0.03~0.16 mmol/L
Specimen:	Whole Blood
Specimen Volume:	10 μL
Power Source:	3 AAA batteries
Battery Life:	360 hours or 2700 tests
Units of Measure:	g/dL, g/L, mmol/L
Memory:	1000 Records
Automatic Shut Off:	6 Minutes after last action
Meter Dimension:	120*71*26 mm
Display Size:	47*41 mm
Weight (without Batteries):	83 g (Approx.)
Storage and Transport Condition:	-10-50°C, RH≤90%, 86-106kPa
Working Condition:	10-40°C, RH≤80%, 86-106kPa
Meter Connectors:	USB Cable for Data Transfer or Power (Optional)



Blood Glucose Meter I (ACA404H/ACA404Hr)

Technical Specifications

Methodology:	Electrochemistry
Test Time:	5 Seconds
Measurement Range:	1.1~33.3 mmol/L (20~600mg/dL)
Specimen:	Whole Blood (Capillary Whole Blood and Venous blood)
Specimen Volume:	1.5 μ L
Power Source:	1 CR2032 3.0V Coin Cell Battery
Battery Life:	Supports approximately 500 tests
Memory:	Up to 1000 records with time and date
Mean Value:	Calculate the average values of records from the last 7, 14, 28 days
Meal Markers:	Before or After Meal Symbol
Automatic Shut Off:	2 minutes after the last action
Meter Dimension:	56 mm×90 mm×18 mm
Display Size:	32 mm×42 mm
Weight (without battery):	50 g



Blood Glucose Meter II (ACA405/ACA405r)

Technical Specifications

Methodology:	Electrochemistry
Test Time:	5 Seconds
Measurement Range:	1.1~33.3 mmol/L (20~600mg/dL)
Specimen:	Whole Blood (Capillary Whole Blood and Venous blood)
Specimen Volume:	0.8 μ L
Hematocrit Range:	20%~70%
Power Source:	1 CR2032 3.0V Coin Cell Battery
Battery Life:	Supports approximately 500 tests
Memory:	Up to 1000 records with time and date
Mean Value:	Calculate the average values of records from the last 7, 14, 28 days
Meal Markers:	Before or After Meal Symbol
Automatic Shut Off:	2 minutes after the last action
Meter Dimension:	62 mm×83 mm×18 mm
Display Size:	30 mm×35 mm
Weight (without battery):	43 g (Approx.)



Blood Glucose Meter II Plus (ACA405H/ACA405Hr)

Technical Specifications

Methodology:	Electrochemistry
Test Time:	5 Seconds
Measurement Range:	1.1~33.3 mmol/L (20~600mg/dL)
Specimen:	Whole Blood (Capillary Whole Blood and Venous blood)
Specimen Volume:	0.8 μ L
Hematocrit Range:	20%~70%
Power Source:	2 AAA Batteries
Battery Life:	Supports approximately 500 tests
Memory:	Up to 1000 records with time and date
Mean Value:	Calculate the average values of records from the last 7, 14, 28 days
Meal Markers:	Before or After Meal Symbol
Tricolor Backlight:	Yellow, Green, Red
Voice Broadcast:	Prompts for test operation and test results broadcast
Automatic Shut Off:	2 minutes after the last action
Meter Dimension:	62 mm×101 mm×30 mm
Display Size:	36 mm×46 mm
Weight (without battery):	77 g (Approx)



Blood Glucose/Ketone/Uric Acid/Cholesterol Monitoring System I (ACA402/ACA402r/ACA402H/ACA402Hr)

Technical Specifications

Methodology:	Electrochemistry
Test Time:	Blood Glucose: 5 Seconds, Blood Ketone: 8 Seconds Uric Acid: 15 Seconds, Total Cholesterol: 20 Seconds
Measurement Range:	Blood Glucose: 1.1~33.3 mmol/L (20~600mg/dL) Blood Ketone: 0.0~8.0 mmol/L, Uric Acid: 179~1200 μ mol/L Total Cholesterol: 2.6~10.4 mmol/L (100~400mg/dL)
Specimen:	Whole Blood (Capillary blood)
Sample Volume:	Blood Glucose: 1.5 μ L, Blood Ketone: 1.2 μ L Uric Acid: 2.5 μ L, Total Cholesterol: 4 μ L
Power Source:	2 AAA Batteries
Battery Life:	Supports approximately 500 tests
Memory:	Up to 1000 records with time and date. Blood Glucose Records: 500; Blood Ketone Records: 100; Uric Acid Records: 300; Total Cholesterol Records: 100
Mean Value:	Calculate the average values of records from the last 7, 14, 28 days
Meal Markers:	Before or After Meal Symbol
Automatic Shut Off:	2 minutes after the last action
Meter Dimension:	62mm×101mm×32mm
Display Size:	36 mm×46 mm
Weight (without battery):	68g



Blood Glucose/Ketone/Uric Acid/Cholesterol Monitoring System II (ACA403/ACA403r/ACA403H/ACA403Hr)

Technical Specifications

Methodology:	Electrochemistry
Test Time:	Blood Glucose: 5 Seconds, Blood Ketone: 8 Seconds Uric Acid: 15 Seconds, Total Cholesterol: 20 Seconds
Measurement Range:	Blood Glucose: 1.1~33.3 mmol/L (20~600mg/dL) Blood Ketone: 0.0~8.0 mmol/L, Uric Acid: 179~1200 μ mol/L Total Cholesterol: 2.6~10.4 mmol/L (100~400mg/dL)
Specimen:	Whole Blood (Venous blood, Capillary blood)
Hematocrit Range:	20% ~ 70%
Sample Volume:	Blood Glucose: 0.8 μ L, Blood Ketone: 1.2 μ L Uric Acid: 2.5 μ L, Total Cholesterol: 4 μ L
Power Source:	2 AAA Batteries
Battery Life:	Supports approximately 500 tests
Memory:	Up to 1000 records with time and date. Blood Glucose Records: 500; Blood Ketone Records: 100; Uric Acid Records: 300; Total Cholesterol Records: 100
Mean Value:	Calculate the average values of records from the last 7, 14, 28 days
Meal Markers:	Before or After Meal Symbol
Automatic Shut Off:	2 minutes after the last action
Meter Dimension:	62mm×101mm×32mm
Display Size:	36 mm×46 mm
Weight (without battery):	68g



Uric Acid Meter (ACA406/ACA406r)

Technical Specifications

Methodology	Electrochemistry
Test time	15 Seconds
Measurement Range	179~1200 μ mol/L (3 mg/dL~20 mg/dL)
Specimen	Whole Blood (Capillary and Venous Whole Blood)
Specimen Volume	2.5 μ L
Power Source	One CR2032 3.0 V Coin Cell Battery
Battery Life	Approx. 500 tests
Test Units	μ mol/L and mg/dL
Memory	Up to 1000 records with time and date
Automatic Shut Off	2 minutes after the last action
Meter Dimension	62 mm×83 mm× 18 mm
Display Size	30 mm ×35mm
Weight (without battery)	43 g (approx.)

