

Dry Biochemistry

Urine Analyzer

Urine Analyzer (ACA304)

Technical Specifications

Principle :	Photoelectric Colorimetry
Testing Speed :	600 tests/hour
Data Memory :	9999 Results
Strip Incubation Time :	1 minute
Light Wavelength :	460nm, 550nm, 620nm
Display :	7" LCD touch screen
Printer :	Built-in thermal printer
Connectivity :	LAN port, 2 USB ports, Type-C port, COM port, External WIFI (Optional)
Compatibility :	LIS
Working Condition :	10-30°C, RH< 85%, 86-106kPa
Operating Voltage :	AC100-240V, 50/60Hz
Weight :	6.5Kg
Dimensions(L/W/H) :	380mm * 330mm *170mm



ACA304

Urine Analyzer (ACA305)

Technical Specifications

Testing Principle :	Through reflection photometer to evaluate the color change of urinalysis strip, then calculate the concentration of related items and output semi-quantitative results.
Testing Wave Length :	460nm, 550nm, 620nm
Testing Speed :	1 minute for each test
Repeatability :	Coefficient of variation CV ≤1%
Stability :	During 8 hours of operation, Coefficient of variation CV ≤1%
Output Options :	Built-in 57mm thermal printer
LCD Screen :	5 inches
Report Storage :	Stores up to 10000 sets of results.
External Ports :	Type-c x1; USB x2
Charging voltage :	AC 100-240 V 50/60 Hz
Dimension :	211mm*100mm*51mm(L*W*H)
Power Supply :	Lithium battery pack: 3.7V 3000mAh 11.1Wh;
	Input: AC 100-240V 50/60Hz 0.5A;
	Output: DC 5V/3A
Weight :	560g

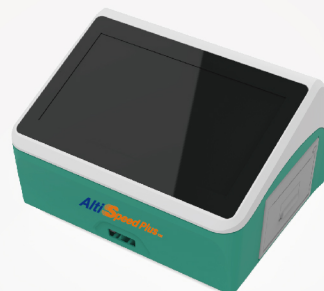


ACA305

Urine Analyzer ACA306

Technical Specifications

Parameter	Descriptions
Testing Principle	Reflection photometer
Testing Wave Length	460nm, 550nm, 620nm
Testing Speed	1 minute for each test
Repeatability	Coefficient of variation CV ≤1%
Stability	During 8 hours of operation, Coefficient of variation CV ≤1%
Output Options	Built-in 57mm thermal printer
LCD Screen	7 inches
Report Storage	Stores up to 10,000 sets of results.
External Ports	Type-c x1; USB x2; LAN x1
Adapter Input	AC100-240V 50/60Hz
Power Supply	DC 18V 2 A
Dimension	190·mm*169·mm*120·mm
Weight	<1kg



ACA306

Cholesterol Monitoring System (ACA401/ACA401r)

Technical Specifications

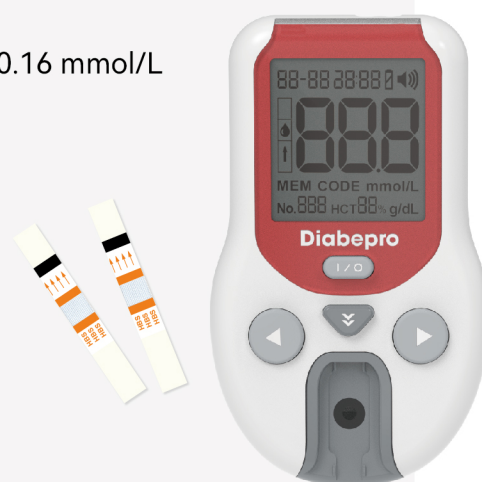
Methodology:	Reflectance Photometer
Test Time:	≤120s
Measurement Range:	CHOL:2.59-12.93mmol/L (100-500mg/dL) HDL:0.39-2.59mmol/L (15-100mg/dL) TRIG:0.51-7.34mmol/L (45-650mg/dL)
Specimen:	Whole blood/Serum/Plasma
Sample Volume:	35μL (3 in 1 test strip), 10μL(single test strip)
Power Source:	4AAA Batteries
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 Calculate the average values of records from the last 7, 14, 28 days
Mean Value:	Before or After Meal Symbol
Meal Markers:	2 minutes after the last action
Automatic Shut Off:	62mm $\times$ 101mm $\times$ 32mm
Meter Dimension:	36 mm $\times$ 46 mm
Display Size:	68g
Weight (without battery):	



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 Calculate the average values of records from the last 7, 14, 28 days
Mean Value:	Before or After Meal Symbol
Meal Markers:	2 minutes after the last action
Automatic Shut Off:	62mm $\times$ 101mm $\times$ 32mm
Meter Dimension:	36 mm $\times$ 46 mm
Display Size:	68g
Weight (without battery):	



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 $\times$ 83 mm $\times$ 18 mm
Display Size	30 mm $\times$ 35mm
Weight (without battery)	43 g (approx.)

