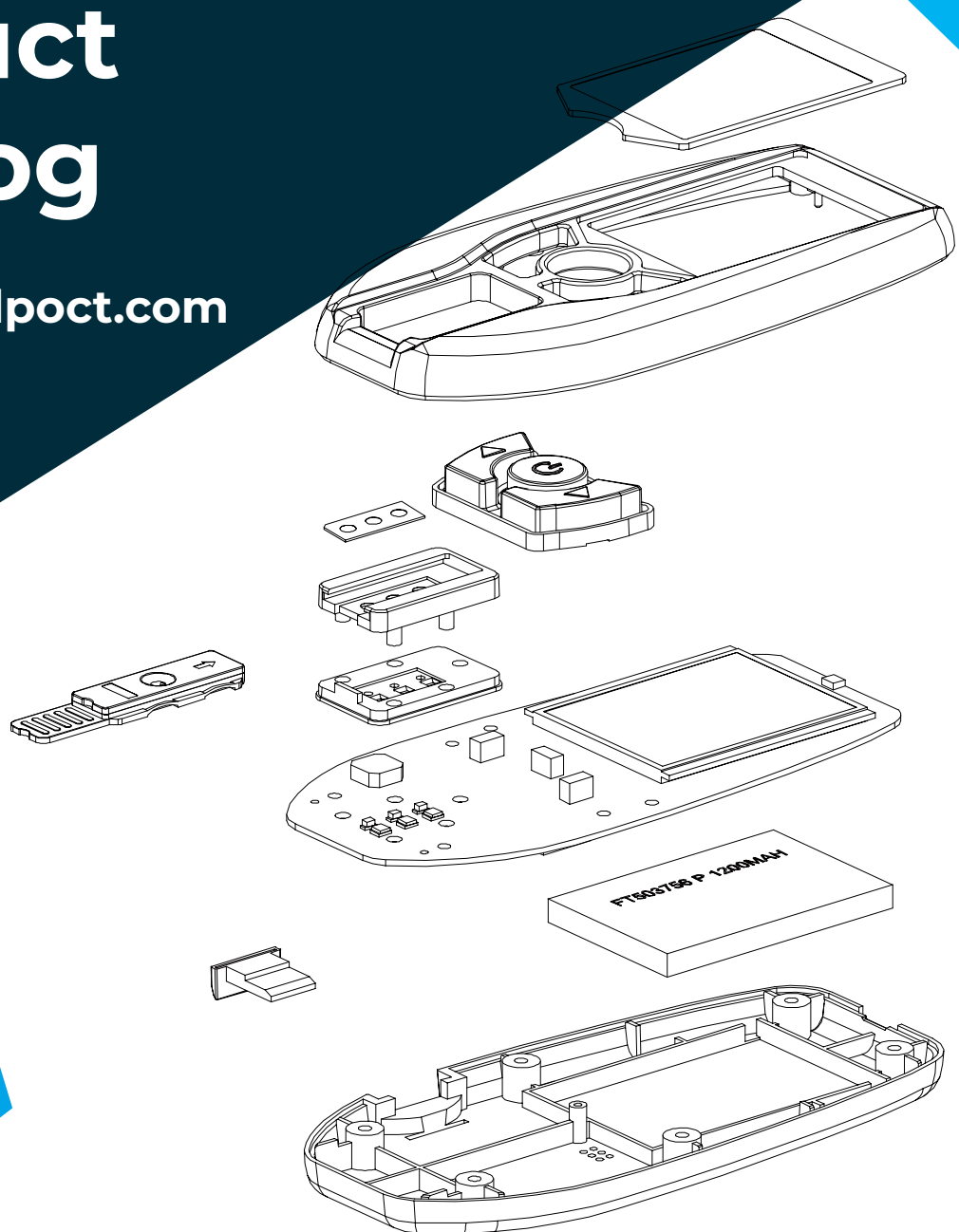




**Joy Goal**  
Medical Technology

# POCT Product Catalog

[www.joygoalpoct.com](http://www.joygoalpoct.com)





## Our Company

Joy Goal Medical Technology, established in 2020 in Hangzhou, Zhejiang, is a high-tech biotechnology enterprise distinguished by its cutting-edge testing facilities and a robust technical team. Our products are extensively utilized across the Point-of-Care Testing (POCT), in vitro diagnostics (IVD), and other industries, and are acclaimed for their broad range, high quality, competitive pricing, and innovative design.

In the POCT domain, we have developed a comprehensive production line that supports quantitative analysis through blood testing. Our offerings include assays for glucose, uric acid, blood lipids, renal function, hemoglobin, and more, providing precise and reliable diagnostic solutions.



## INTRODUCTION

Joy Goal Medical Technology is a leading high-tech biotechnology enterprise equipped with state-of-the-art testing facilities and a robust technical team. Our products are widely utilized in the in vitro diagnostics (IVD) sector and other industries, recognized for their extensive range, superior quality, competitive pricing, and innovative design.

At Joy Goal Medical Technology, we prioritize people and societal contributions by delivering high-quality raw materials and professional technical services. We warmly invite new and returning customers from various sectors to connect with us to foster future business relationships and achieve mutual success.

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# Our Plant










# Multi-function Analyzer

## Analysis Item:

### Blood Lipid Item:

Total Cholesterol	(TC)	Uric Acid	(UA)
High Density Lipoprotein	(HDL)	Glucose	(Glu)
Triglyceride	(TG)	Blood Pressure	(BP)
Calculated Item:		Heart Rate	(HR)
Low density lipoprotein	(LDL)		
CHOL/HDL ratio			

## Feature:

- 
**Multi-function**  
 One meter with 9 Test functions
- 
**Micro Specimen**  
 UA: 3µL; Glu: 0.5µL; Lipid: 35µL;
- 
**Intelligent Chip**  
 High-performance measurement
- 
**BlueTooth Sync**  
 Sync data via bluetooth connection mobile app
- 
**Accurate**  
 Same level of accuracy with Biochemical Analyzer
- 
**Long Endurance**  
 4 AA batteries convenient replacement and support Long-Endurance
- 
**Portable Printer**  
 Contact with customized portable printer get test result



**GULP-101**



Feature	Specifications
Methodology	Reflectance Photometer
Test Time	Total Cholesterol (TC), High Density Lipoprotein Cholesterol (HDL), Triglycerides (TG) ≤2 min; Uric Acid (UA) ≤30 seconds; Glucose (Glu) ≤5 seconds;
Measurement Range	TC: 2.59mmol/L ~ 12.93 mmol/L (100mg/dL ~500 mg/dL) HDL: 0.39mmol/L ~ 2.59 mmol/L (15mg/dL ~ 100 mg/dL) TG: 0.51mmol/L ~ 7.34mmol/L (45mg/dL ~ 650 mg/dL) UA: 179µmol/L ~ 1190µmol/L (3.0mg/dL ~ 20.0mg/dL) Glu: 1.1mmol/L ~ 33.3mmol/L (20mg/dL ~ 600mg/dL) BP: 60mmHg ~ 200mmHg
Specimen	Whole blood(peripheral and venous human whole blood), plasma and serum
Specimen Volume	UA: 3µL; Glu: 0.5µL; Lipid: 35µL;
Power Source	4 AA batteries
Units of Measurement	mg/dL, mmol/L
Memory	Each item 500 sets of records
Automatic Shut Off	Turn off automatically without any operation in 4 minutes
Meter Size	152mm×123mm×48mm
Weight	365g
Meter storage and transportation conditions	0 - 55°C; ≤90% RH
System Operating Conditions	10 - 35°C; ≤80% RH; altitude less than 3048 meters

# Multi-function Analyzer

## Analysis Item:

### Blood Lipid Item:

Total Cholesterol (TC)  
 High Density Lipoprotein (HDL)  
 Triglyceride (TG)

### Calculated Item:

Low density lipoprotein (LDL)  
 CHOL/HDL ratio

### Blood Glucose Item:

Glucose (Glu)

### Kidney Item:

Uric Acid (UA)  
 Urea (UR)  
 Creatinine (CR)

### Hemoglobin Item:

Hemoglobin (Hb)  
 HCT



**GULP-102**

## Feature:



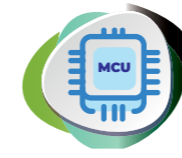
**Multi-function**  
 One meter with 11 Test functions



**Mirco Specimen**  
 Kidney: 35µL; Lipid: 35µL;  
 Hemoglobin: 5µL; Glucose: 1µL;



**Accurate**  
 Same level of accuracy with  
 Biochemical Analyzer



**Intelligent Chip**  
 High-performance measure-  
 ment



**Long Endurance**  
 4 AA batteries convenient re-  
 placement and support Long-  
 Endurance



**BlueTooth Sync**  
 Sync data via bluetooth  
 connection mobile app



**Portable Printer**  
 Contact with customized port-  
 able printer get tests result

Feature	Specifications
Methodology	Reflectance Photometer
Test Time	Total Cholesterol (TC), High Density Lipoprotein Cholesterol (HDL), Triglycerides (TG) ≤2 min; Uric Acid (UA) ≤30 seconds; Glucose (Glu) ≤5 seconds;
Measurement Range	TC: 2.59mmol/L ~ 12.93 mmol/L (100mg/dL ~500 mg/dL) HDL: 0.39mmol/L ~ 2.59 mmol/L (15mg/dL ~ 100 mg/dL) TG: 0.51mmol/L ~ 7.34mmol/L (45mg/dL ~ 650 mg/dL) UA: 0.09mmol/L ~ 1.20mmol/L (1.51mg/dL ~ 20.17mg/dL) CR: 0.044mmol/L ~ 1.320mmol/L (0.5mg/dL ~ 14.93mg/dL) UR: 0.09mmol/L ~ 40.0mmol/L (5.41mg/dL ~ 240.24mg/dL) Glu: 1.1mmol/L ~ 33.3mmol/L (20.0mg/dL ~ 600mg/dL) Hb: 0g/dL ~ 26.0g/dL
Specimen	Whole blood(peripheral and venous human whole blood), plasma and serum
Specimen Volume	Kidney: 35µL; Lipid: 35µL; Hemoglobin: 5µL; Glucose: 1µL;
Power Source	4 AA batteries
Units of Measurement	mg/dL, mmol/L
Memory	Each item 500 sets of records
Automatic Shut Off	Turn off automatically without any operation in 4 minutes
Meter Size	152mm×123mm×48mm
Weight	285g
Meter storage and transportation conditions	0 - 55°C; ≤90% RH
System Operating Conditions	10 - 35°C; ≤80% RH; altitude less than 3048 meters

# Dry Biochemical Analysis Meter

## Analysis Item:

### Blood Lipid Item:

Total Cholesterol (TC)  
 High Density Lipoprotein (HDL)  
 Triglyceride (TG)

### Calculated Item:

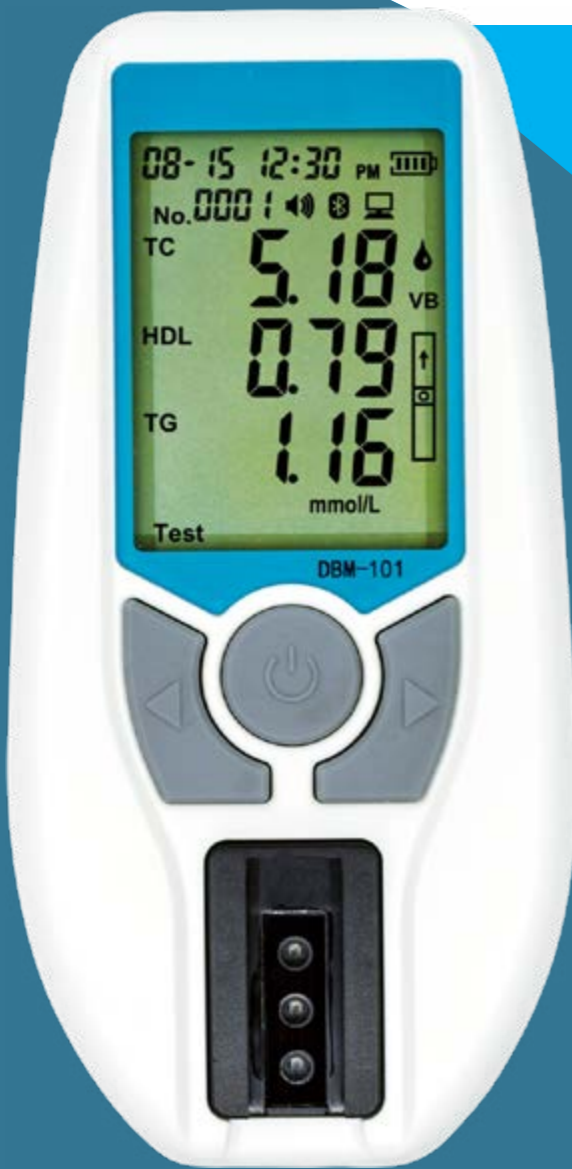
Low density lipoprotein (LDL)  
 CHOL/HDL ratio

### Renal Function Item:

Uric Acid (UA)  
 Creatinine (CR)  
 Urea (UR)

### Other:

Blood Ketone (KET)



**DBM-101**



## Feature:



**Multi-function**  
 One meter with 7 Test functions



**Wide Range**  
 Maximum measurement range in same function POCT meter



**Quality Assurance**  
 Excellent quality and advanced technology



**BlueTooth Sync**  
 Sync data via bluetooth connection mobile app



**Accurate**  
 Same level of accuracy with Biochemical Analyzer



**Rechargeable**  
 Built-in 1200mAh Li-ion battery and support Long-Enduance



**Portable Printer**  
 Contact with customized portable printer get tests result

Feature	Specifications
Methodology	Reflectance Photometer
Test Time	Total Cholesterol (TC), High Density Lipoprotein Cholesterol (HDL), Triglycerides (TG), Uric Acid (UA), Urea (UR), Blood ketone(KET) ≤2 min; Creatinine (CR) ≤5 min
Measurement Range	TC: 2.59mmol/L ~ 12.93 mmol/L (100mg/dL ~500 mg/dL) HDL: 0.39mmol/L ~ 2.59 mmol/L (15mg/dL ~ 100 mg/dL) TG: 0.51mmol/L ~ 7.34mmol/L (45mg/dL ~ 650 mg/dL) UA: 0.090mmol/L ~ 1.200mmol/L (1.51mg/dL ~ 20.17mg/dL) CR: 0.044mmol/L ~ 1.320mmol/L (0.50mg/dL ~ 14.93mg/dL) UR: 0.90mmol/L ~ 40.00mmol/L (5.41mg/dL ~ 240.24mg/dL) KET: 0.02mmol/L ~ 6.00mmol/L (0.21g/dL ~ 62.46mg/dL)
Specimen	Whole blood(peripheral and venous human whole blood), plasma and serum
Specimen Volume	35 µL or 10 µL
Power Source	charging battery; Note: during charging, the meter is not operatable
Units of Measurement	mg/dL, mmol/L
Memory	500 records
Automatic Shut Off	5 minutes after last use
Meter Size	135mm×66mm×19mm
Weight	90g
Meter storage and transportation conditions	0 - 55°C; ≤90% RH
System Operating Conditions	10 - 35°C; ≤80% RH; indoor only

# Blood Lipid Analysis Meter

## Analysis Item:

### Blood Lipid Item:

- Total Cholesterol (TC)
- High Density Lipoprotein (HDL)
- Triglyceride (TG)

### Calculated Item:

- Low density lipoprotein (LDL)
- CHOL/HDL ratio



**LPM-101**



**LPM-102**

## Feature:



**Rapid Test**  
Test result in 120 seconds



**Quality Assurance**  
Excellent quality and advanced technology



**Wide Range**  
Maximum measurement range in same function POCT meter



**BlueTooth Sync**  
Sync data via bluetooth connection mobile app



**Rechargeable**  
Built-in 1200mAh Li-ion battery and support Long-Endurance (\*Only LPM-101)



**Accurate**  
Same level of accuracy with Biochemical Analyzer



**Portable Printer**  
Contact with customized portable printer get test result

Feature	Specifications
Methodology	Reflectance Photometer
Test Time	≤ 2 min
Measurement Range	TC: 2.59~12.93 mmol/L(100-500 mg/dL, 1 mmol/L=38.66 mg/dL); HDL: 0.39~2.59 mmol/L (15-100 mg/dL, 1 mmol/L=38.66 mg/dL); TG: 0.51~7.34mmol/L (45-650 mg/dL, 1 mmol/L=88.6 mg/dL)
Specimen	Whole blood(peripheral and venous human whole blood), plasma and serum
Specimen Volume	35 μL
Power Source	LPM-101: charging battery; Note: during charging, the meter is not operatable; LPM-102: 3*AAA batteries.
Units of Measurement	mg/dL, mmol/L
Memory	500 records
Automatic Shut Off	5 minutes after last use
Meter Size	135mm×66mm×19mm
Weight	90g
Meter storage and transportation conditions	0 - 55°C; ≤90% RH
System Operating Conditions	10 - 35°C; ≤80% RH; indoor only



# Blood Lipid Analysis Meter

## Analysis Item:

### Blood Lipid Item:

Total Cholesterol (TC)  
 High Density Lipoprotein (HDL)  
 Triglyceride (TG)

### Calculated Item:

Low density lipoprotein (LDL)  
 CHOL/HDL ratio

## Feature:



**Rapid Test**  
 Test result in 120 seconds



**Quality Assurance**  
 Excellent quality and advanced technology



**Long Endurance**  
 3\*AAA batteries  
 85 hours or 1000 tests



**Wide Range**  
 Maximum measurement range in same function POCT meter



**Accurate**  
 Same level of accuracy with Biochemical Analyzer



**Bluetooth Sync**  
 Sync data via bluetooth connection mobile app  
 \*only LP-102



**Portable Printer**  
 Contact with customized portable printer get test result



(LP-101/LP-102)



Feature	Specifications
Methodology	Reflectance Photometer
Test Time	≤ 2 min
Measurement Range	TC: 2.59~12.93 mmol/L(100-500 mg/dL) HDL: 0.39~3.10 mmol/L (15-120 mg/dL) TG: 0.51~7.34mmol/L (45-650 mg/dL)
Specimen	Whole blood(peripheral and venous human whole blood), plasma and serum
Specimen Volume	10μL for single test, 25μL for 3 in 1 test
Power Source	3* AAA Batteries
Units of Measurement	mg/dL, mmol/L
Memory	200 records
Automatic Shut Off	5 minutes after last use
Meter Size	142mm×70mm×27mm
Weight	130g
Meter storage and transportation conditions	0 - 50°C; ≤90% RH; Altitude≤2000m
System Operating Conditions	15 - 40°C; ≤90% RH; Altitudes≤2000m

# Renal Function Analysis Meter

## Analysis Item: Renal Function Item:

Uric Acid (UA)  
Creatinine (CR)  
Urea (UR)










**RFM-101**



**RFM-202**

## Feature:

-  **Rapid Test**  
Test result in 5 minutes
-  **Quality Assurance**  
Excellent quality and advanced technology
-  **Rechargeable**  
Built-in 1200mAh Li-ion battery and support Long-Enduance (\*Only RFM-101)
-  **Wide Range**  
Maximum measurement range in same function POCT meter
-  **Accurate**  
Same level of accuracy with Biochemical Analyzer
-  **BlueTooth Sync**  
Sync data via bluetooth connection mobile app (\*Only RFM-101)
-  **Portable Printer**  
Contact with customized portable printer get tests result

Feature	Specifications
Methodology	Reflectance Photometer
Test Time	Uric Acid (UA), Urea (UR) ≤2 min; Creatinine (CR) ≤5 min
Measurement Range	UA: 0.090mmol/L~1.200mmol/L (1.51mg/dL~20.17mg/dL) CR: 0.044mmol/L~1.320mmol/L (0.50mg/dL~14.93mg/dL) UR: 0.90mmol/L~40.00mmol/L (5.41mg/dL~240.2mg/dL)
Specimen	Whole blood(peripheral and venous human whole blood), plasma and serum
Specimen Volume	RFS-101 & CRS-102: 35 μL; UAS-101, URS-101, CRS-101: 10 μL;
Power Source	RFM-101:charging battery; Note: during charging, the meter is not operatable; RFM-202: 3*AAA batteries;
Units of Measurement	mg/dL, mmol/L
Memory	500 records
Automatic Shut Off	5 minutes after last use
Meter Size	135mm×66mm×19mm
Weight	90g
Meter storage and transportation conditions	0 - 55°C; ≤90% RH
System Operating Conditions	10 - 35°C; ≤80% RH; indoor only








# Hemoglobin Analysis Meter

Analysis Item:  
Hemoglobin  
HCT



**BHM-202**

## Feature:

-  **Rechargeable**  
3\*AAA battery for long-Enduance
-  **Quality Assurance**  
Excellent quality and advanced technology
-  **Rapid Test**  
Test result in 5 seconds
-  **Mirco Specimen**  
Only need 5 $\mu$ L whole blood
-  **Accurate**  
Same level of accuracy with Biochemical Analyzer
-  **Siphon Method**  
Automatic siphon sampling (Patented design)
-  **Wide Range**  
Maximum measurement range in same function POCT meter

Feature	Specifications
Methodology	Reflectance Photometer
Test Time	$\leq$ 5 seconds
Measurement Range	0-25.6 g/dL; 0-256 g/L; 0-16.1 mmol/L
Hct Range	0-76%
Specimen	Fresh capillary or venous whole blood
Specimen Volume	5 $\mu$ L
Power Source	3*AAA Batteries
Units of Measurement	g/dL, g/L, mmol/L
Memory	1000 records
Automatic Shut Off	5 minutes after last use
Meter Size	135mm $\times$ 65mm $\times$ 25mm
Weight	95g (exclude battery)
Meter storage and transportation conditions	0 - 55°C; $\leq$ 90% RH
System Operating Conditions	10 - 40°C; $\leq$ 90% RH

# Hemoglobin Analysis Meter

Analysis Item:  
Hemoglobin  
HCT




(BHM-101)





(BHM-102)

## Feature:


- 


**Rechargeable**  
Built-in 1200mAh Li-ion battery (BHM-101)  
3\*AAA battery for long-Enduance (BHM-102)




**Rapid Test**  
Test result in 15 seconds
- 


**Quality Assurance**  
Excellent quality and advanced technology



**Wide Range**  
Maximum measurement range in same function POCT meter
- 

**BlueTooth Sync**  
Sync data via bluetooth connection mobile app  
\*only BHM-101



**Accurate**  
Same level of accuracy with Biochemical Analyzer
- 

**Portable Printer**  
Contact with customized portable printer get tets result

Feature	Specifications
Methodology	Reflectance Photometer
Test Time	≤ 15 seconds
Measurement Range	4.5-25.6 g/dL; 45-256 g/L; 2.8-15.9 mmol/L
Specimen	Whole blood(peripheral and venous human whole blood), plasma and serum
Specimen Volume	10 μL
Power Source	charging battery(BHM-101); Note: during charging, the meter is not operatable
Units of Measurement	g/dL, g/L, mmol/L
Memory	800 records
Automatic Shut Off	5 minutes after last use
Meter Size	135mm×65mm×25mm
Weight	90g
Meter storage and transportation conditions	0 - 55°C; ≤90% RH
System Operating Conditions	10 - 35°C; ≤80% RH; indoor only

# Hemoglobin Analysis Meter








Analysis Item:  
Hemoglobin  
HCT



(BC-101/BC-102)



## Feature:

- 
**Rechargeable**  
3\*AAA battery for long-Enduance  
100 hours or 1000 tests
- 
**Quality Assurance**  
Excellent quality and advanced  
technology
- 
**Wide Range**  
Maximum measurement range  
in same function POCT meter
- 
**Rapid Test**  
Test result in 15 seconds
- 
**Accurate**  
Same level of accuracy with  
Biochemical Analyzer
- 
**BlueTooth Sync**  
Sync data via bluetooth  
connection mobile app  
\*only BC-102
- 
**Portable Printer**  
Contact with customized port-  
able printer get tets result

Feature	Specifications
Methodology	Reflectance Photometer
Test Time	≤ 15 seconds
Measurement Range	3.0-25.6 g/dL; 30-256 g/L; 1.86-15.9 mmol/L
Specimen	Whole blood(peripheral and venous human whole blood), plasma and serum
Specimen Volume	10 μL
Power Source	3*AAA Batteries
Units of Measurement	g/dL, g/L, mmol/L
Memory	1000 records
Automatic Shut Off	8 minutes after last use
Meter Size	142mm×70mm×27mm
Weight	130g (without batteries)
Meter storage and transportation conditions	0 - 50°C; ≤90% RH; Altitude≤2000m
System Operating Conditions	2 - 40°C; ≤90% RH; Altitude≤2000m

# Blood Glucose Meter

Analysis Item:  
Glucose



Contactless Eject Strip



(BGM-101)



(BGM-102)

## Feature:



**Long-Endurance**  
1 battery for 1000 tests



**Quality Assurance**  
Excellent quality and advanced technology



**Rapid Test**  
Test result in 5 seconds



**Intelligent Data**  
Average values of records from the last 7, 14 or 28 days



**Micro Specimen**  
Only need 1  $\mu$ L fresh capillary or venous whole blood

Feature	Specifications
Methodology	Electrochemistry Method
Test Time	$\leq$ 5 seconds
Measurement Range	20~600mg/dL (1.1-33.3mmol/L)
Specimen	Fresh capillary or venous whole blood
Specimen Volume	1 $\mu$ L
Power Source	One 3V CR2032 lithium battery
Units of Measurement	mg/dL, mmol/L
Memory	200 records
Automatic Shut Off	1 minutes after displaying results
Meter Size	84.7*52*18mm
Weight	50g
Meter storage and transportation conditions	10~30°C; $\leq$ 90%RH
System Operating Conditions	8~37°C, indoor only;

# Blood Glucose Meter

Analysis Item:  
Glucose



(BGM-103/103N)



(BGM-103B)

## Feature:



**Long-Endurance**  
2\*AA batteries for 3000 tests



**BlueTooth Sync (BGM-103B)**  
Sync data via bluetooth connection mobile app



**Quality Assurance**  
Excellent quality and advanced technology



**Rapid Test**  
Test result in 5 seconds



**Large Memory Data**  
Test result 400 records



**Mirco Specimen**  
Only need 1  $\mu$ L fresh capillary or verous whole blood

Feature	Specifications
Methodology	Electrochemistry Method
Test Time	$\leq$ 5 seconds
Measurement Range	20~600mg/dL (1.1-33.3mmol/L)
Specimen	Fresh capillary or venous whole blood
Specimen Volume	1 $\mu$ L
Power Source	One 3V CR2032 lithium battery
Units of Measurement	mg/dL, mmol/L
Memory	200 records
Automatic Shut Off	1 minutes after displaying results
Meter Size	84.7*52*18mm
Weight	50g
Meter storage and transportation conditions	10~30°C; $\leq$ 90%RH
System Operating Conditions	8~37°C, indoor only;

# Multifunction Analysis Meter

Analysis Item:  
Uric Acid  
Glucose



**GUM-101**

## Feature:



### Micro Specimen

UA: 3  $\mu$ L; Glu: 1  $\mu$ L fresh capillary or venous whole blood



### Rapid Test

Glucose: 5 seconds  
Uric acid: 30 seconds



### Quality Assurance

Excellent quality and advanced technology



### Intelligent Data

Average values of records from the last 7, 14 or 28 days



### Long-Endurance

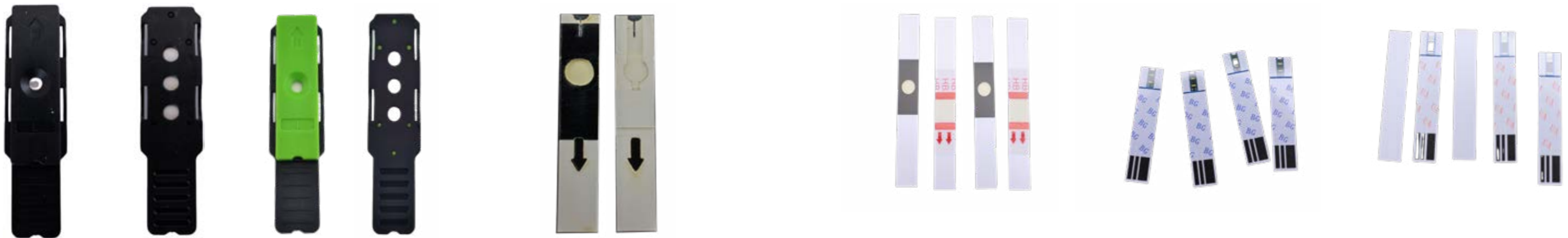
1 battery for 1000 tests

Feature	Specifications
Methodology	Electrochemistry Method
Test Time	Glucose: 5 seconds Uric acid: 30 seconds
Measurement Range	Glucose: 20~600mg/dL (1.1-33.3mmol/L) Uric acid: 179—1190 $\mu$ mol/L (3-20mg/dL)
Specimen	Fresh capillary or venous whole blood
Specimen Volume	1 $\mu$ L (Glucose); 3 $\mu$ L (Uric Acid)
Power Source	One 3V CR2032 lithium battery
Units of Measurement	mmol/L or mg/dL
Memory	Glucose: 50 records Uric acid: 50 records
Automatic Shut Off	1 minutes after displaying results
Meter Size	84.7*52*18mm
Weight	50g
Meter storage and transportation conditions	10~30°C; $\leq$ 90%RH
System Operating Conditions	8~37°C, indoor only;



# Strip for POCT Device

Strip Device	LPS-101	LS-101	RFS-101	TCS-101	HLS-101	TGS-101	UAS-101		CRS-101	CRS-102	URS-101	BHS-101	BHS-201	BS-101	EGS-101	EUS-101
GULP-101	✓														✓	✓
GULP-102	✓		✓	✓	✓	✓							✓		✓	
DBM-101	✓		✓	✓	✓	✓	✓		✓	✓	✓					
LPM-101	✓			✓	✓	✓										
LPM-102	✓			✓	✓	✓										
LP-101		✓														
LP-102		✓														
RFM-101			✓				✓		✓	✓	✓					
RFM-202									✓	✓						
BHM-202													✓			
BHM-101												✓				
BHM-102												✓				
BC-101														✓		
BC-102														✓		
BGM-101															✓	
BGM-102															✓	
BGM-103/N															✓	
BGM-103B															✓	
GUM-101															✓	✓



# Plant Certificate



## CE Certificate

## ISO Certificate





## Get in Touch

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