

BLOOD GLUCOSE MONITORING SYSTEM

AHG-427B

Lifetime International Warranty

All-in-One Monitoring System

Discover the AHG-427B, engineered for precision and convenience in diabetes management. With advanced 8-electrode strip technology, Bluetooth connectivity, and hygienic strip ejector, it empowers you to take control of your glucose levels every day.



Complete Testing Solution in One Box

With the AHG-427B, you're getting a complete monitoring system:



8-Electrode Test Strip:

For unmatched accuracy and minimal interference.



Results in Under 5 Seconds:

Provides quick feedback for timely decisions.



One-Button Operation:

Simple, intuitive, and easy for everyone to use.



Large Backlit Display:

Bright, clear, and easy to read. Perfect for older users.



No Coding Required:

Auto-coding simplifies the testing process.



0.7 µL Blood Sample:

Just a small drop for fast, accurate results.



Bluetooth Transmission:

Syncs with smartphones for intelligent data analysis and tracking.



500-Test Memory:

Store and review your progress over time.



Auto Strip Ejection:

Eject used strips without contact for added hygiene.

Enhanced Wellness Solution

With the AHG-427B, you're not just buying a glucose meter, you're investing in peace of mind, clinical precision, and next-level convenience. Whether you're managing diabetes or monitoring wellness, this is the device that adapts to your lifestyle, not the other way around.



Meter Specifications

Feature	Specification
Blood Sample Type	Fresh capillary whole blood
Blood Sample Size	0.7 µL
Testing Time	≤ 5 seconds
Measurement Range	20–600 mg/dL (1.1–33.3 mmol/L)
Units	Switchable (mg/dL ↔ mmol/L)
Memory	500 results with date/time, averages for 7, 14, 21, 30, 60, 90 days
Power Supply	DC 3V (2 × AAA alkaline batteries)
Battery Life	Up to 500 tests
Operating Conditions	10°C–40°C, RH ≤ 80%
Storage Conditions	-20°C–55°C, RH ≤ 93%
Dimensions	90 mm × 54 mm × 13 mm
Weight	48g (excluding batteries)

Advanced 8-Electrode Test Strip That Wins Trust

The AHG-427B features an innovative 8-electrode test strip, engineered to deliver highly accurate, fast, and stable glucose readings, even in challenging conditions.

Key Benefits:

Interference Resistance: Designed to reduce errors from environmental factors like humidity and temperature, ensuring reliable performance.

Code Calibration: Features an 8-electrode system with automatic calibration, for accurate and reliable readings.

Test Strip Specifications

- Enzyme: GDH (Glucose Dehydrogenase)
- Calibration: Auto-Coding (pair once and connect automatically thereafter)
- Storage Conditions:
 - Temperature: 4–30°C (39.2–86°F)
 - Relative Humidity: ≤80%
- Shelf Life After Opening: Up to 6 months



Important Note:

Use only AHG-427BS Test Strips. Other test strips may lead to inaccurate readings.

Now with AHG-IIA Disposable Safety Lancet

No separate lancing device needed! The AHG-427B package includes AHG-IIA Sterile Disposable Safety Lancets for safe, comfortable blood sampling:



Easy to Use: Pre-loaded, twist and press operation.



Minimized Discomfort: 28G ultra-thin needle with dual spring mechanism.



Hygienic & Sterile: γ -ray sterilized for 100% safety.



Safety First: Auto-retract needle prevents injuries.



Ergonomic. Hygienic. Reliable.

Every AHG Safety Lancet is designed with both the user and the healthcare provider in mind, combining performance, safety, and simplicity in one compact tool.

Safety Lancet Specifications

Feature	Specification
Application	Fresh capillary whole blood
Gauge	28G
Needle Diameter	0.36mm
Penetration Depth	1.8mm
Sterilization	Gamma irradiation
Suitability	Point-of-care testing
Safety Mechanism	Needle automatically retracts after use
Quantity	30 pieces sterile lancets per box



Upgrade Your Testing Experience

The AHG-427B + AHG-IIA combination offers the complete solution for safe, accurate, and user-friendly blood glucose testing, without the need for a separate lancing device. Designed for ease and convenience at home or on the go, this all-in-one system empowers users with fast results, and advanced safety features for better diabetes management.

What's Inside the AHG-427B Kit?

Everything you need for safe, fast, and accurate blood glucose testing — all in one premium package.

Content:

- 1 AHG-427B Blood Glucose Monitor
- 30 AHG-IIA Disposable Safety Lancets
- 25 AHG 427BS Blood Glucose Test Strips
- 25 Alcohol Pads
- 2 AAA Alkaline Batteries
- 1 AHG Glucose Control Solution
- Instruction Manual
- Luxury Travel Bag

