

# Blood Glucose Monitor

Healthcare Products

## Redefining Health

Transforming Lives with Innovative Solutions



### AHG-2285

Lifetime International  
Warranty



No coding



8 electrodes



1000 results



HCT 20-70%



Strip ejector



5 seconds  
test time



0.5 µL  
blood sample



Test range  
10-600 mg/dL



37mm x 47mm  
larger screen

## Luxury Packaging



# Blood Glucose Monitor

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## Meter Specifications

- Sample: Fresh capillary whole blood
- Test Measured: Glucose in fingertip capillary whole blood
- Enzyme: GOD/Glucose Oxidase
- Sample Volume: 0.5  $\mu$ L
- Test Time: 5 seconds
- Test Averaging: 7, 14, and 30-day average
- Memory: Up to 1000 records with date and time
- Measurement Range: 10 to 600 mg/dL
- Battery Type: Two AAA LR03 1.5V batteries
- Automatic Shutoff: 2 minutes after the last action
- Dimensions: 93.5mm x 60.5mm x 20mm
- Display Size: 37mm x 47mm
- Weight: 86.2g (including battery)
- Operating Temperature: 41-113°F / 5-45°C
- Operating Relative Humidity: R.H.  $\leq$  10-90%



### Simple

No coding, no connection required, making the testing process quicker and easier.



No coding

### Test Strip Ejector

Strip ejector helps in maintaining hygiene and reducing contamination risks by avoid to touch used strips.



Strip ejector

### Wide HCT Range

20-70%, Suitable for everyone.



HCT 20-70%

### Large Memory

Large memory for the comprehensive data tracking and analysis.



1000 results

In a recent independent clinical study, every result from the AHG-2285 demonstrated advanced accuracy, with a remarkable 100% falling within  $\pm 15\%$  of YSI plasma results. The HCT of neonatal (less than 3 weeks old) is usually up to 65%, which means that neonatal samples can be tested.

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## Test Strip Specifications

- Carbon silver structure electrode design
- 8 electrodes technology
- Enzyme: GOD/Glucose Oxidase
- Highly accurate & precise results
- Code calibration (auto-coding)
- For self-testing and in-vitro diagnostic use only
- Storage temperature: 36-86°F / 2-30°C
- Open shelf life: 6 months



GOD



High accuracy



Single use



Shelf life



Humidity  
10-90%



36-86°F  
2-30°C



The technological leadership of the AHG-2285 lies in its test strip a carbon silver structure with 8-electrode on a single layer for enhancing the accuracy and reliability of the blood glucose readings.

## Detailed functions of those electrodes include:

### Code Calibration (Auto-Coding):

Detects and eliminates coding errors.

### Eliminate Hematocrit Interference:

Corrects interference within  $\pm 10\%$ .

### Eliminate Temperature Interference:

Compensates within  $\pm 5\%$  for temperature effects.

### Check Humidity Exposure:

Prevents erratic results due to humidity.

### Check Sample Sufficiency:

Ensures correct blood amount for accurate readings.

### Recognize Control Solution:

Identifies blood samples for precise testing.

### Check Test Strip Damage:

Prompts use of a new strip if damage is detected.

### Check Test Strip Compatibility:

Checks strip-meter compatibility for accurate results.

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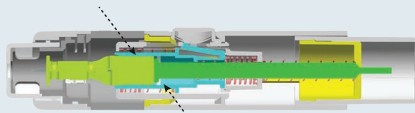
American  
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## Innovative Comfort, Zero Pain Guarantee

Experience utmost comfort with our lancing device, integrating advanced minimally invasive technology.

### Forward Spring Technology:

- Minimizes pain and vibration during use.

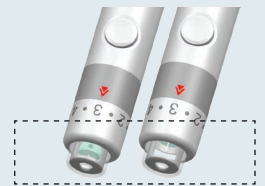


### Independent Lancet Holder

- Ensures precise, painless lancet insertion.

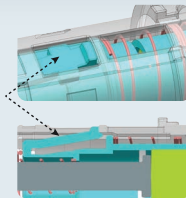
### Ready for Use or Not:

- Warning lancet stored or not.



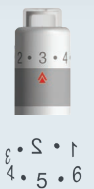
### Elastic Rail System:

- Promotes smoother, less painful lancet penetration.



### 11 Depth Settings:

- Customizable settings for user comfort and needs.



### 2-in-1 Button & Lancet Ejector:

- Streamlined design for easy cleaning, with a safety feature preventing lancet ejection without proper cap twisting.



**AHG-2285**

Lancing Device



# Blood Glucose Monitor

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## Experience the Difference

American Health Gate's exclusive blood glucose monitor packing, setting a new standard with a unique blend of luxury and quality.

## Luxury Kit

AHG-2285

Contents:

- Blood Glucose Meter
- 1 Lancing Device
- 25 Blood Glucose Test Strips
- 25 Lancets
- 2 AAA Batteries
- User Manual
- Luxury Travel Bag

