

American  
Health  
Gate

# Blood Glucose Monitor

Healthcare Products

## Redefining Health

Transforming Lives with Innovative Solutions



Auto sync



8 electrodes



HCT 20-70%



500 results



Bluetooth  
integrated



Test range  
10-600mg/dL



0.5 µL blood  
sample



5 seconds  
test time



Rechargeable  
battery



Backlight &  
strip port light



## Luxury Kit

AHG-2022

Lifetime International  
Warranty



# Blood Glucose Monitor

Healthcare Products

## 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
- Memory: Up to 500 records with date and time
- Measurement Range: 10 to 600 mg/dL
- Battery Type: Rechargeable, non-serviceable, 250mAh, 3.7 Volt DC nominal, Lithium polymer battery (5V input charge voltage)
- Automatic Shutoff: 2 minutes after the last action
- Dimensions: 83mm x 52mm x 18.7mm
- Display Size: 32mm x 32mm
- Weight: Approximately 53g
- Operating Temperature: 41-113°F / 5-45°C
- Operating Relative humidity: 10-90% (non-condensing)
- Data Port: Micro USB



**Wide HCT range**  
20-70%



**Auto-sync results**  
No Pairing Required



**Rechargeable battery**  
More portable



**Auto coding**  
Easy and accurate



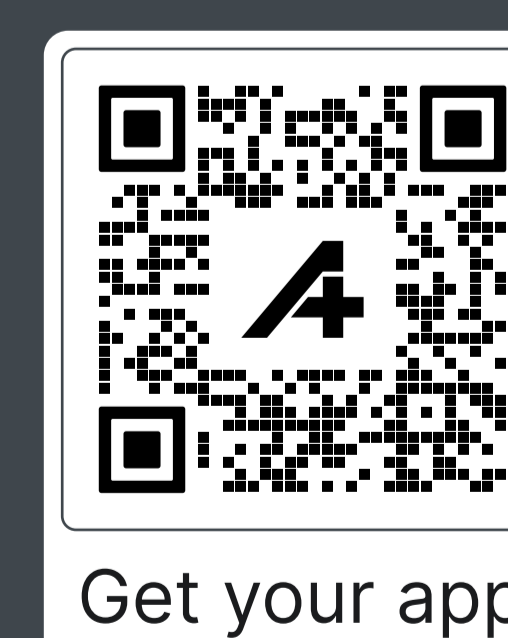
In a recent independent clinical study, every result from the AHG-2022 demonstrated advanced accuracy, with a remarkable 100% falling within  $\pm 15\%$  of YSI plasma results. The HCT of neonatal (less than 3 weeks old) is usually up to 65%, which means that neonatal samples can be tested.

## AHG-2022 Diabetes Management App

Take control of your health with effective blood glucose management.

SHARE YOUR HEALTH DATA WITH YOUR DOCTOR

Track and analyze your glucose levels to optimize diabetes management. Our app empowers you to elevate your check-up experience by easily sharing a comprehensive health journal with your healthcare professionals.



Get your app

# Blood Glucose Monitor

Healthcare Products

## Test Strip Specifications

- 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



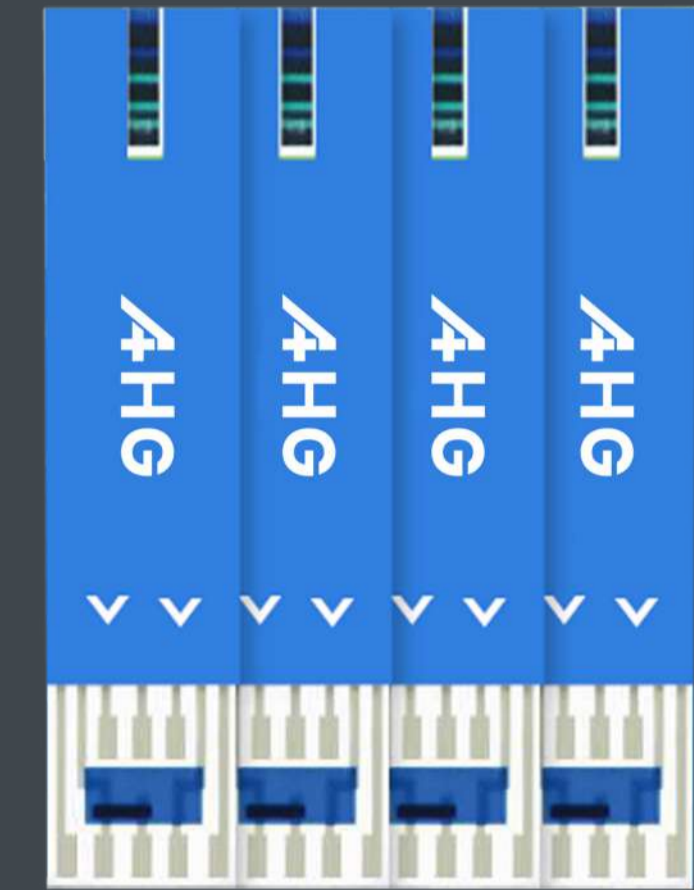
Shelf life



Humidity  
10-90%



36-86°F  
2-30°C



The technological leadership of the AHG-2022 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.

# Blood Glucose Monitor

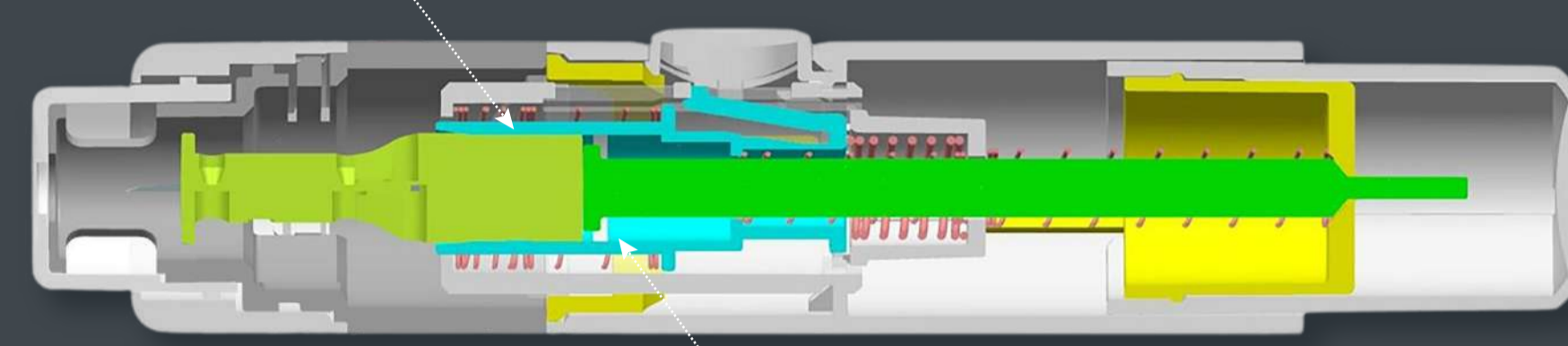
Healthcare Products

## 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.

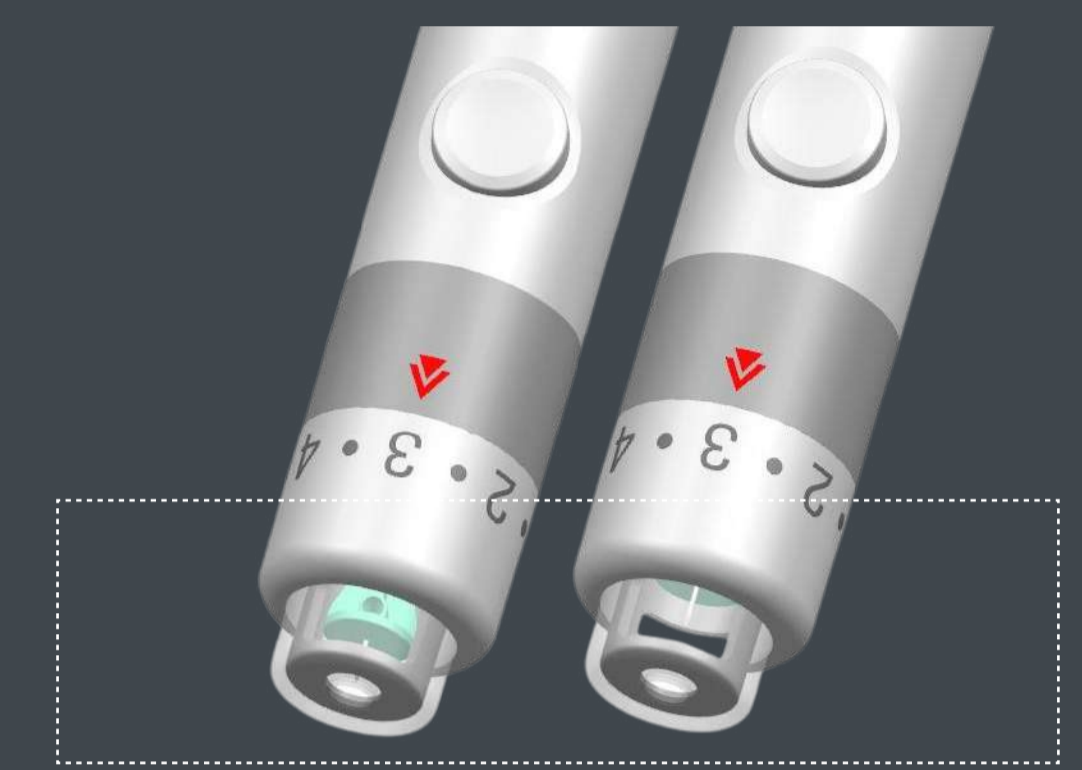


### Independent Lancet Holder

- Ensures precise, painless lancet insertion.

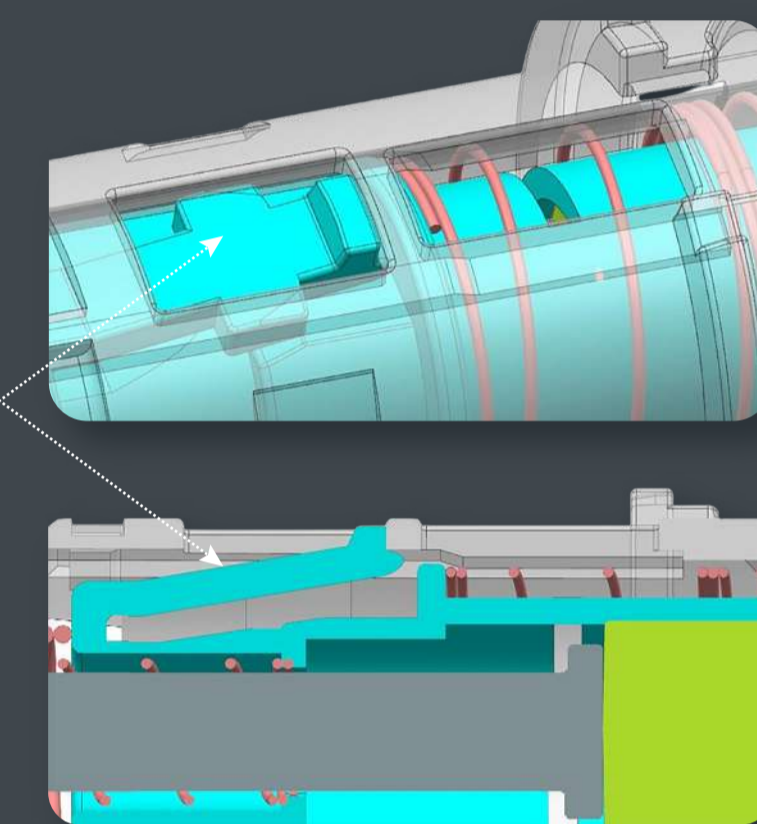
### Ready for use or not:

- warning lancet stored or not



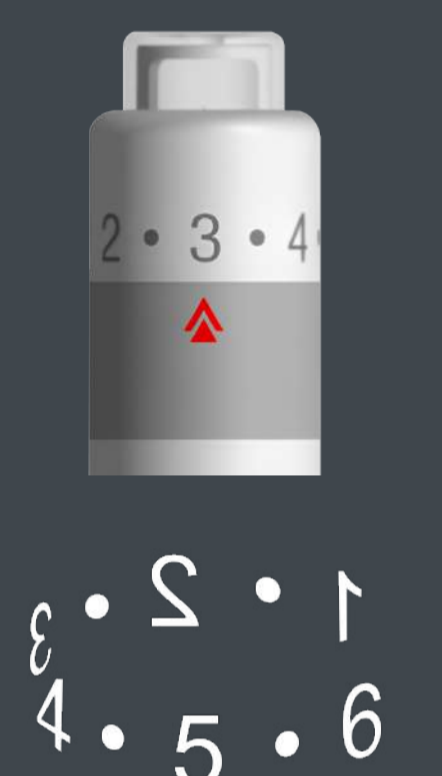
### Elastic Rail System:

- 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-2022

Lancing Device



# Blood Glucose Monitor

Healthcare Products

## 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-2022

Contents:

- Blood Glucose Meter
- 1 Lancing Device
- 25 Blood Glucose Test Strips
- 25 Lancets
- Micro USB Cable
- User Manual
- Luxury travel bag

