

## **sinocare Blood Glucose Test Kit - 50**

# **Sinocare Safe Accu Blood Glucose Monitoring System User Manual**

Model: Blood Glucose Test Kit - 50

## **1. INTRODUCTION**

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The Sinocare Safe Accu Blood Glucose Monitoring System is designed for the quantitative measurement of glucose in fresh capillary whole blood samples. This system is intended for self-testing by people with diabetes at home and by healthcare professionals in clinical settings as an aid in managing diabetes. It provides fast, accurate, and convenient blood glucose testing.

## **2. IMPORTANT SAFETY INFORMATION**

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- For *in vitro* diagnostic use only. Do not use for the diagnosis or screening of diabetes.
- Read the entire user manual carefully before using this system.
- Keep the test strips and lancing devices out of reach of children.
- Dispose of used test strips and lancets properly in a sharps container to prevent injury and infection.
- Consult your healthcare professional before making any medical decisions based on your test results.

## **3. PACKAGE CONTENTS**

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The Sinocare Safe Accu Blood Glucose Monitoring System kit includes the following components:

- 1 x Sinocare Safe Accu Blood Glucose Meter
- 50 x Sinocare Safe Accu Test Strips
- 50 x Sterile Lancing Devices
- 1 x Painfree Lancing Device
- 1 x Carrying Case
- 1 x User Manual
- 2 x AAA Batteries (included)



Image: Complete Sinocare Safe Accu Blood Glucose Monitoring System kit with all included components.

## 4. PRODUCT OVERVIEW

The Sinocare Safe Accu meter is designed for ease of use and accuracy. It features a large display, simple button controls, and a strip ejection button for hygienic disposal.



Image: Key features of the Sinocare Safe Accu meter, including its accuracy, speed, and portability.

#### 4.1 Meter Components

- **Display Screen:** Shows test results, time, date, and error messages.
- **M Button:** Used to access memory and set up the meter.
- **C/D Buttons:** Used for navigation and adjusting settings.
- **Test Strip Port:** Where the test strip is inserted.
- **Strip Ejection Button:** For safe and hygienic removal of used test strips.

#### 4.2 Test Strip Design

The Safe Accu test strips are designed with a FAD-GDH system for high accuracy. They feature a blood sucking segment and a test strip socket section for proper sample collection.

**With FAD-GDH system and medical grade standard to guarantee high Accuracy for all diabetics. Can be used with confidence.**



**please use the test strip within the valid time  
(Six months after opening).**

Image: Detailed view of the test strip design and proper blood sample application.

## 5. SETUP

### 5.1 Installing Batteries

1. Open the battery compartment cover on the back of the meter.
2. Insert two AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover.

### 5.2 Setting Date and Time

1. With the meter off, press and hold the 'M' button until the setup screen appears.
2. Use the 'C' and 'D' buttons to adjust the year, month, day, hour, and minute.
3. Press the 'M' button to confirm each setting and move to the next.
4. Once all settings are confirmed, the meter will return to standby mode.

### 5.3 Preparing the Lancing Device

1. Unscrew the lancing device cap.
2. Insert a new sterile lancet firmly into the lancet holder.
3. Twist off the protective cap from the lancet.
4. Replace the lancing device cap.
5. Adjust the penetration depth by rotating the cap (start with a lower setting and adjust as needed).
6. Pull back the cocking barrel until it clicks, indicating it is ready to use.

## 6. OPERATING INSTRUCTIONS: PERFORMING A BLOOD GLUCOSE TEST

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Follow these steps for accurate blood glucose measurement:

1. **Prepare:** Wash your hands thoroughly with soap and warm water. Dry them completely.
2. **Insert Test Strip:** Insert a new Sinocare Safe Accu test strip into the meter's test strip port. The meter will automatically turn on and display a blood drop symbol.
3. **Obtain Blood Sample:** Use the prepared lancing device to prick the side of your fingertip. Gently squeeze your finger to form a small drop of blood.
4. **Apply Blood Sample:** Touch the tip of the test strip to the blood drop. The strip will draw the blood into the reaction area. Do not apply blood to the top of the strip.
5. **Read Result:** The meter will count down for 10 seconds, then display your blood glucose result in mmol/L.
6. **Eject Strip:** Press the strip ejection button to safely dispose of the used test strip into a sharps container.



# INSTRUCTION



1. Insert sinocare accu test strip.



2. Collect micro 0.6ul blood sample.



3. Test result in 10 seconds.



4. Test strip ejection.

## NOTICE:

Please complete the operation of measuring blood sugar within 3 minutes to make sure the test results more accurate.

Image: Visual guide for the blood glucose testing process.

**Important Notice:** Complete the operation of measuring blood sugar within 3 minutes to ensure the test results are more accurate.

## 7. MEMORY FUNCTION

The Sinocare Safe Accu meter has a memory capacity of 200 test results, including date and time. This allows you to track your blood glucose levels over time and view averages.

### 7.1 Accessing Stored Results

1. With the meter off, press the 'M' button briefly to enter memory mode.
2. Use the 'C' and 'D' buttons to scroll through individual test results.
3. The meter can also display 7-day, 14-day, and 28-day average blood glucose values.

200 Memories

# LARGE MEMORIES

200 memory capacity with time stamp help you better to understand the blood glucose changes.



6.2  
mmol/L

7 days  
average

6.1  
mmol/L

14 days  
average

5.7  
mmol/L

28days  
average

Image: Overview of the meter's large memory capacity and average calculation features.



Image: Example of how the meter helps monitor and track blood glucose results over time.

## 8. MAINTENANCE

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### 8.1 Cleaning the Meter

- Wipe the meter exterior with a soft, damp cloth.
- Do not immerse the meter in water or any other liquid.
- Do not use harsh cleaning agents or solvents.

### 8.2 Storage

- Store the meter and test strips in their original carrying case in a cool, dry place.
- Keep away from direct sunlight and extreme temperatures.
- Ensure the test strip vial cap is tightly closed after removing a strip to prevent moisture exposure.
- Test strips are valid for six months after opening the vial. Note the opening date on the vial.

### 8.3 Battery Replacement

When the low battery symbol appears on the display, replace the batteries promptly to ensure accurate readings. Refer to section 5.1 for battery installation instructions.

## 9. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Meter does not turn on	Dead or incorrectly installed batteries.	Check battery polarity or replace batteries.



Problem	Possible Cause	Solution
Error message (e.g., E-1, E-2)	Insufficient blood sample, used/damaged strip, temperature out of range.	Repeat test with a new strip and sufficient blood. Ensure proper operating temperature.
Inaccurate results	Expired test strips, improper storage, incorrect testing procedure.	Check strip expiry date. Store strips correctly. Review testing steps. Perform a control solution test.
Blood sample not drawn into strip	Insufficient blood, strip not touching blood correctly.	Ensure a sufficient blood drop. Touch the tip of the strip to the blood drop.

If problems persist, contact Sinocare customer support.

## 10. SPECIFICATIONS

- **Measurement Unit:** mmol/L
- **Blood Sample Volume:** 0.6 microliters (µL)
- **Test Time:** 10 seconds
- **Memory Capacity:** 200 test results with date and time
- **Power Source:** 2 x AAA batteries
- **Battery Life:** Approximately 1000 tests
- **Operating Temperature:** 10°C - 40°C (50°F - 104°F)
- **Operating Humidity:** ≤ 85% RH
- **Hematocrit Range:** 30% - 55%
- **Dimensions:** 17.6 x 16.7 x 5.2 cm (Package)
- **Weight:** 300 g (Item Weight)

## 11. WARRANTY AND SUPPORT

Sinocare provides a warranty for its blood glucose monitoring systems. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Sinocare website.

### 11.1 Customer Support

If you encounter any issues with your Sinocare Safe Accu Blood Glucose Monitoring System or have questions regarding its use, please contact Sinocare customer support. Contact information can typically be found on the product packaging, the official Sinocare website, or through your point of purchase.

For more information and resources, you may visit the [Sinocare Official Store on Amazon](#).

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 <p>The image shows the cover of a quick guide for the Sinocare Safe AQ Voice blood glucose meter. It features the Sinocare logo, the product name, and several small illustrations demonstrating the steps for preparing materials, performing the test, and interpreting results.</p>	<p><a href="#">Sinocare Safe AQ Voice Quick Guide: Easy Blood Glucose Monitoring</a></p> <p>A concise guide to using the Sinocare Safe AQ Voice blood glucose meter for quick and accurate blood sugar testing. Learn how to prepare materials, perform the test, and interpret results.</p>
 <p>The image shows the cover of the user manual for the Sinocare Safe-Accu Blood Glucose Monitoring System. It includes the Sinocare logo and a small illustration of the monitoring system components.</p>	<p><a href="#">Safe-Accu Blood Glucose Monitoring System User Manual</a></p> <p>User manual for the Sinocare Safe-Accu Blood Glucose Monitoring System, providing instructions on setup, testing, maintenance, and troubleshooting.</p>
 <p>The image shows the cover of the operation manual for the Sinocare Safe AQ Smart blood glucose meter. It features the Sinocare logo and a small illustration of the meter.</p>	<p><a href="#">Sinocare Safe AQ Smart Blood Glucose Meter - Operation Manual</a></p> <p>Concise operation manual for the Sinocare Safe AQ Smart blood glucose meter, detailing preparation, usage steps, and important notes for accurate blood sugar testing.</p>
 <p>The image shows the cover of the user manual for the Sinocare Safe AQ Smart, Safe AQ Voice, and Safe AQ Air blood glucose monitoring systems. It includes the Sinocare logo and a small illustration of the monitoring systems.</p>	<p><a href="#">Safe AQ Smart, Safe AQ Voice, Safe AQ Air Blood Glucose Meter User Manual</a></p> <p>Comprehensive user manual for the Sinocare Safe AQ Smart, Safe AQ Voice, and Safe AQ Air blood glucose monitoring systems. Learn about intended use, safety information, test principles, operation, troubleshooting, and maintenance.</p>
 <p>The image shows the cover of the user guide and specifications for Sinocare Safe-Accu 2 Blood Glucose Test Strips. It features the Sinocare logo and a small illustration of the test strips.</p>	<p><a href="#">Sinocare Safe-Accu 2 Blood Glucose Test Strips: User Guide and Specifications</a></p> <p>Comprehensive package insert for Sinocare Safe-Accu 2 Blood Glucose Test Strips, covering intended use, test principles, performance, and important warnings for self-testing.</p>
	<p><a href="#">Sinocare Safe AQ Pro Series Blood Glucose Monitoring System User Manual</a></p> <p>This user manual provides comprehensive instructions for the Sinocare Safe AQ Pro Series Blood Glucose Monitoring System, covering setup, operation, maintenance, troubleshooting, and important safety information for accurate blood glucose level monitoring.</p>