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## sinocare SafeAccu50

# Sinocare Safe-Accu Blood Glucose Monitoring System User Manual

Model: SafeAccu50

## 1. INTRODUCTION

This user manual provides detailed instructions for the proper use and care of the Sinocare Safe-Accu Blood Glucose Monitoring System. This system is designed for self-testing of blood glucose levels by individuals with diabetes mellitus. Please read this manual thoroughly before using the device to ensure safe and accurate results.

## 2. IMPORTANT SAFETY INFORMATION

### WARNING:

- This device is for in vitro diagnostic use only. Do not use for diagnosis or screening of diabetes.
- Only use Sinocare Safe-Accu blood glucose test strips with this meter. Using other brands may lead to inaccurate results.
- Keep the device and all components out of reach of children.
- Do not store lancets in the lancing device. Always remove the lancet after use and dispose of it properly.
- Consult your healthcare professional for interpretation of results and for any medical concerns.

The lancet tip is guaranteed sterile while the protective disk is sealed to the base. Do not use if the seal has been damaged or broken.

## 3. PACKAGE CONTENTS

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

- Sinocare Safe-Accu Blood Glucose Monitor
- Sinocare Safe-Accu Blood Glucose Test Strips (50 count)
- Sinodraw Soft Twist Lancets (50 count)
- Pain-free Lancing Device
- Carrying Case
- User Manual (this document)



Image: The complete Sinocare Safe-Accu Blood Glucose Monitoring System kit, including the white blood glucose meter, a lancing device, vials of test strips, boxes of lancets, and a black carrying case.

## 4. PRODUCT OVERVIEW

### 4.1. Sinocare Safe-Accu Blood Glucose Monitor

The monitor features a large display showing time, date, and blood glucose readings. It has control buttons for navigation and memory access.

### 4.2. Lancing Device

The lancing device is used to obtain a blood sample. It allows for adjustable penetration depth to minimize discomfort.

### 4.3. Test Strips

Sinocare Safe-Accu test strips are code-free, simplifying the testing process. Each strip is designed for single use.

## 4.4. Lancets

Sterile lancets are used with the lancing device to prick the fingertip for a blood sample. They are single-use only.

## 5. SETUP

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1. **Insert Batteries:** Open the battery compartment on the back of the meter and insert two AAA batteries (not included), ensuring correct polarity.
2. **Set Date and Time:** When the meter is first turned on or after battery replacement, the date and time settings may need to be adjusted. Refer to the 'Setting Up Your Meter' section in the full manual for detailed instructions.
3. **Prepare Lancing Device:**
  - Unscrew the lancing device cap.
  - Insert a new sterile lancet firmly into the lancet holder.
  - Twist off the protective disk from the lancet.
  - Replace the lancing device cap.
  - Adjust the penetration depth by rotating the cap (e.g., 2-3 for average skin).
  - Pull back the cocking control until it clicks, indicating it is ready to use.

## 6. OPERATING INSTRUCTIONS (PERFORMING A BLOOD GLUCOSE TEST)

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1. **Wash Hands:** Wash your hands thoroughly with soap and warm water. Dry them completely.
2. **Insert Test Strip:** Remove a test strip from its vial and immediately close the vial cap tightly. Insert the test strip into the meter's test strip port. The meter will turn on automatically and display a blood drop symbol.
3. **Obtain Blood Sample:** Place the prepared lancing device firmly against the side of your fingertip. Press the release button to prick your finger. Gently milk your finger from the base towards the tip to form a small drop of blood (approximately 0.6 microliters).
4. **Apply Blood Sample:** Touch the tip of the test strip to the blood drop. The blood will be drawn into the strip automatically. Do not apply blood to the top of the strip.
5. **Read Results:** The meter will begin a countdown (10 seconds). After the countdown, your blood glucose reading will appear on the display.
6. **Dispose of Used Materials:** Carefully remove the used test strip and lancet. Dispose of them in a puncture-resistant container (sharps container) according to local regulations.

## 7. MAINTENANCE

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### 7.1. Cleaning the Meter

Wipe the meter's exterior with a soft, damp cloth. Use a mild detergent if necessary. Do not immerse the meter in water or use harsh cleaning agents.

### 7.2. Storage

- Store the meter and test strips in a cool, dry place, away from direct sunlight and heat.
- Keep test strips in their original vial with the cap tightly closed.
- Do not store test strips in extreme temperatures (recommended test temperature: 10°C-35°C).

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Meter does not turn on	Dead or incorrectly inserted batteries.	Replace batteries or ensure they are inserted correctly.
Error message on display	Used or damaged test strip, insufficient blood sample, or temperature outside range.	Use a new test strip, re-test with adequate blood, or ensure testing environment is within specified temperature. Refer to full manual for specific error codes.
Inaccurate results	Expired test strips, improper storage, or contamination.	Check strip expiry date, ensure proper storage, and re-test with a new strip. Perform a control solution test if available.

## 9. SPECIFICATIONS

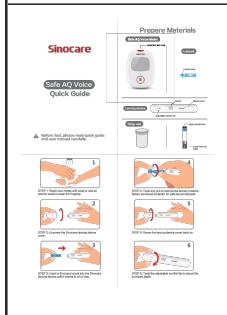
Feature	Detail
Model Number	SafeAccu50
Blood Sample Volume	0.6 microliters
Test Time	10 seconds
Memory Capacity	200 test results (with 7, 14, and 28-day averages)
Measurement Unit	mmol/L (UK standard)
Operating Temperature	10°C - 35°C
Power Source	Batteries (not included)
Dimensions	18.5 x 6 x 16.5 cm (approximate kit dimensions)
Weight	200 g (approximate kit weight)

## 10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the contact details provided with your product packaging or visit the official Sinocare website. Keep your purchase receipt as proof of purchase for warranty claims.

**Manufacturer:** Changsha Sinocare Inc.

**Importer (India):** Pts Diagnostics India Pvt. Ltd

	<p><b><a href="#">Sinocare Safe-Accu 2 Blood Glucose Test Strips: User Guide and Specifications</a></b></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><b><a href="#">Safe-Accu Blood Glucose Monitoring System User Manual</a></b></p> <p>User manual for the Sinocare Safe-Accu Blood Glucose Monitoring System, providing instructions on setup, testing, maintenance, and troubleshooting.</p>
	<p><b><a href="#">Sinocare Safe AQ Voice Quick Guide: Easy Blood Glucose Monitoring</a></b></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><b><a href="#">Sinocare Safe AQ Pro Series Blood Glucose Monitoring System User Manual</a></b></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>
	<p><b><a href="#">Safe-Accu 2 Blood Glucose Meter User Manual - Sinocare</a></b></p> <p>Comprehensive user manual for the Sinocare Safe-Accu 2 Blood Glucose Monitoring System. Learn how to set up, test, and maintain your device for effective diabetes management.</p>
	<p><b><a href="#">Sinocare Safe AQ UG Blood Glucose Test Strips User Manual</a></b></p> <p>User manual for Sinocare Safe AQ UG Blood Glucose Test Strips, detailing intended use, compatibility with the Safe AQ UG monitor, storage, handling, and testing procedures for accurate blood glucose monitoring.</p>