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sinocare pro 50 kit

Sinocare Safe AQ Pro I Blood Glucose Meter User Manual

Model: pro 50 kit | Brand: sinocare

1. INTRODUCTION

The Sinocare Safe AQ Pro I Blood Glucose Meter is a state-of-the-art device designed for rapid and accurate measurement of blood glucose levels. This kit provides a comprehensive solution for personal blood glucose monitoring, featuring advanced technology for reliable results and ease of use. It is intended for in vitro diagnostic use by people with diabetes at home and by healthcare professionals in a clinical setting as an aid in monitoring the effectiveness of diabetes control.

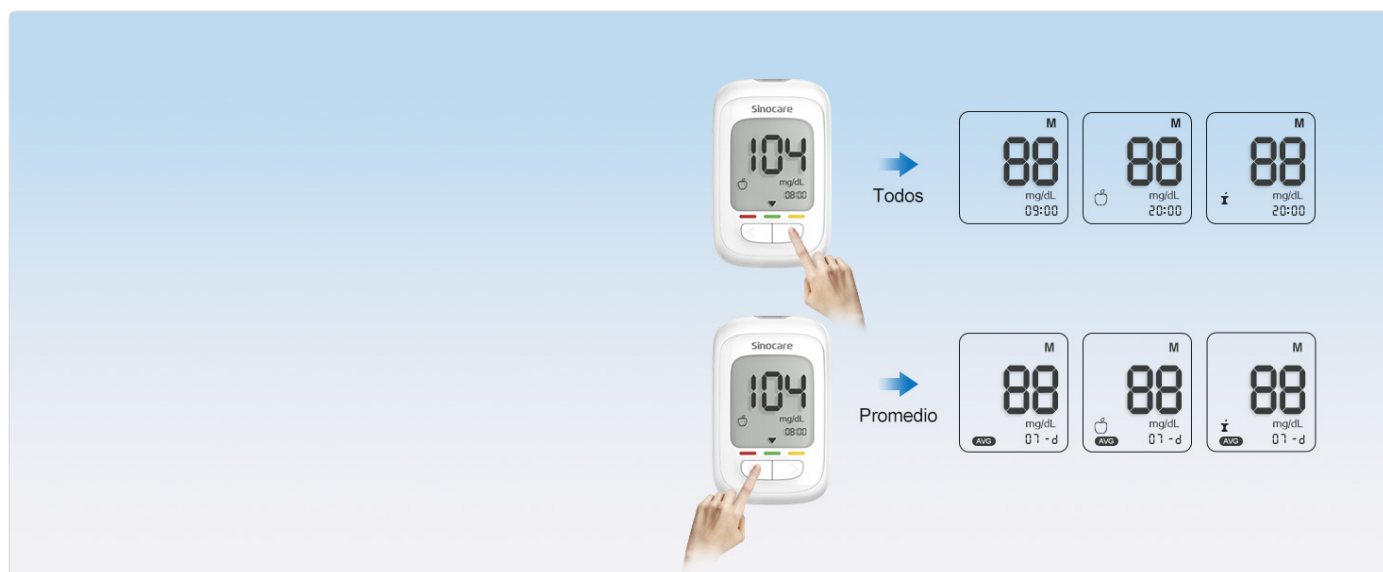


Image: The Sinocare Safe AQ Pro I Blood Glucose Meter kit, including the meter, test strips, lancing device, and carrying case.

2. PRODUCT COMPONENTS

The Sinocare Safe AQ Pro I kit typically includes the following components:

- Sinocare Safe AQ Pro I Blood Glucose Meter
- Sinocare Safe AQ Pro I Test Strips (50 count)
- Lancing Device
- Lancets (50 count)
- Carrying Case

- User Manual (this document)



Image: A complete view of the Sinocare Safe AQ Pro I kit contents, including the meter, test strips, lancing device, lancets, and carrying pouch.

Meter Overview



Image: Diagram showing the key components of the Sinocare Safe AQ Pro I meter, including the test strip port, strip eject button, battery cover, and large LCD screen.

The meter features a large LCD screen for clear display of results, a test strip port for easy insertion, and a strip eject button for hygienic disposal. The battery compartment is located on the back.

3. SETUP AND PREPARATION

3.1. Inserting Batteries

Open the battery cover on the back of the meter. Insert the required batteries (e.g., AAA batteries, as indicated by the meter's specifications) ensuring correct polarity. Close the battery cover securely.

3.2. Setting Up the Lancing Device

The lancing device is designed for comfortable and almost painless blood sampling. It offers 10 depth settings to suit different skin types.

1. Unscrew the cap of the lancing device.

2. Insert a new sterile lancet firmly into the lancet holder.
3. Twist off the protective cap of the lancet.
4. Replace the lancing device cap.
5. Adjust the penetration depth by rotating the cap. Start with a lower setting (e.g., 2-3) and adjust as needed to obtain a sufficient blood sample.
6. Pull back the cocking control until it clicks, indicating it is ready to use.



Image: Illustration of the lancing device showing adjustable depth settings from 1 to 5, allowing users to choose the appropriate depth for their skin type.

3.3. Preparing Test Strips

Ensure you are using Sinocare Safe AQ Pro I test strips, as the meter is specifically calibrated for them. The meter features automatic coding, eliminating the need for manual code entry.

Solo apto para AQ PRO I



Image: A Sinocare Safe AQ Pro I test strip being inserted into the meter's test strip port.

4. OPERATING INSTRUCTIONS: PERFORMING A BLOOD GLUCOSE TEST

Follow these steps to perform a blood glucose test:

1. **Wash and Dry Hands:** Thoroughly wash your hands with soap and warm water, then dry them completely.
2. **Insert Test Strip:** Insert a new test strip into the meter's test strip port. The meter will automatically turn on and display a blood drop symbol, indicating it is ready for a blood sample.
3. **Obtain Blood Sample:** Use the lancing device to prick the side of your fingertip. Gently squeeze your finger to obtain a small drop of blood.
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 display the blood glucose result in approximately 5 seconds.

Instrucción



1. Inserte la tira de prueba sinocare safe aq plus I.



2. Recoja la muestra de sangre mediante un dispositivo de punción indoloro.



3. Tome una muestra de sangre de la parte superior de la tira reactiva sinocare safe aq plus I.



4. Resultado de la prueba en 5 segundos.

Aviso (para que los resultados de la prueba sean más precisos)

1. La operación de medir el azúcar en la sangre se completa mejor en 3 minutos.
2. Después de abrir el frasco de tiras reactivas, las tiras reactivas del interior deben agotarse en un plazo de 6 meses.

Image: A four-step visual guide demonstrating the process of inserting a test strip, obtaining a blood sample, applying the sample to the strip, and viewing the result on the meter.

4.1. Understanding Your Results

The Sinocare Safe AQ Pro I meter provides intelligent glucose detection with color-coded indicators for easy interpretation of results:

- **Red Indication:** Blood glucose value is above 250 mg/dL or below 70 mg/dL, indicating a potential risk.
- **Green Indication:** Blood glucose value is between 70 mg/dL and 126 mg/dL, indicating a normal range.
- **Yellow Indication:** Blood glucose value is between 126 mg/dL and 250 mg/dL, indicating a higher than normal but not critically high range.



Image: The meter display showing color-coded indicators (red, green, yellow) corresponding to different blood glucose ranges for easy interpretation.

4.2. Advanced Features

- **500 Memory Slots:** The meter stores up to 500 test results, with average readings for 7, 14, 30, 60, and 90 days.
- **Automatic Coding:** No manual coding required, ensuring accuracy and ease of use.
- **5-Second Results:** Provides quick and efficient readings.
- **3 Test Modes:** Choose from random, pre-meal, or post-meal modes for better tracking.
- **FAD-GDH Technology:** This technology ensures that the meter only reacts to glucose, minimizing interference from other sugars like xylose or maltose, oxygen levels, or light intensity, leading to more reliable results.
- **Hematocrit Correction:** The meter incorporates hematocrit correction technology, expanding the hematocrit range to 10%-70%, making it suitable for a wider range of users.



Image: Visual representation of the meter's features, including 500 memory slots, automatic coding, 5-second results, and 3 test modes.

5. MAINTENANCE AND STORAGE

5.1. Cleaning the Meter

Clean the meter regularly with a soft, damp cloth. Do not immerse the meter in water or use harsh cleaning agents. Ensure the test strip port is free of debris.

5.2. Storing Test Strips

Store test strips in their original vial with the cap tightly closed. Keep them in a cool, dry place away from direct sunlight and heat. Test strips are sensitive to moisture and light. Once opened, use the test strips within 6 months or by the expiration date printed on the vial, whichever comes first.

5.3. General Storage

Store the meter and all components in the provided carrying case when not in use. Keep out of reach of children.

6. TROUBLESHOOTING

If you encounter issues with your Sinocare Safe AQ Pro I meter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Meter does not turn on.	Dead or incorrectly inserted batteries.	Replace batteries or ensure they are inserted correctly.
Error message displayed.	Incorrect test strip, insufficient blood sample, or strip damage.	Ensure correct strip type, retest with a new strip and sufficient blood, check strip for damage. Refer to the full manual for specific error codes.
Inconsistent or inaccurate results.	Expired or improperly stored test strips, insufficient blood sample, or environmental factors.	Check test strip expiration date and storage conditions. Ensure adequate blood sample. Perform a control solution test if available. Consult a healthcare professional if concerns persist.
Blood sample not drawn into strip.	Insufficient blood, incorrect application, or damaged strip.	Ensure a sufficient blood drop. Touch the tip of the strip to the blood drop, do not apply on top. Use a new strip.

For more detailed troubleshooting, please refer to the comprehensive user manual included with your kit or visit the Sinocare official website.

7. SPECIFICATIONS

- **Model Name:** Safe AQ Pro I
- **Product Model Number:** pro 50 kit
- **Dimensions:** 17.5 x 16.4 x 5.4 cm; 350 g (Package dimensions)
- **Manufacturer:** sinocare Inc.
- **Country of Origin:** China
- **Battery Cell Composition:** Zinc
- **Included Components:** Blood glucose meter, test strips, lancets, lancing device.
- **Measurement Time:** Approximately 5 seconds
- **Memory Capacity:** 500 test results with average calculations
- **Hematocrit Range:** 10% - 70%
- **Technology:** FAD-GDH
- **Standard Compliance:** ISO 15197 2013 (Error within $\pm 15\%$)

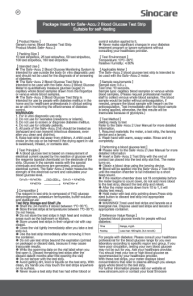



8. WARRANTY AND SUPPORT

Sinocare provides a warranty for its products. Please refer to the warranty card included in your product packaging for specific terms and conditions, or visit the official Sinocare website for detailed warranty information and customer support contact details. For technical assistance, product inquiries, or to purchase additional supplies, please contact Sinocare customer service through their official channels. Always use genuine Sinocare test strips and accessories with your Safe AQ Pro I meter to ensure accurate results and maintain warranty validity.

Official Brand Store: [Visit Sinocare Store on Amazon](#)



Related Documents - pro 50 kit

	<p>Sinocare Safe-Accu 2 Blood Glucose Test Strips: User Guide and Specifications</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>Sinocare Safe AQ Smart, Safe AQ Voice, Safe AQ Air Blood Glucose Meter User Manual</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 procedures, troubleshooting, and specifications.</p>
	<p>Safe AQ Smart, Safe AQ Voice, Safe AQ Air Blood Glucose Meter User Manual</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>Sinocare Safe AQ Pro Series Blood Glucose Monitoring System User Manual</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>Safe-Accu Blood Glucose Monitoring System User Manual</p> <p>User manual for the Sinocare Safe-Accu Blood Glucose Monitoring System, providing instructions on setup, testing, maintenance, and troubleshooting.</p>
	<p>Sinocare Safe AQ Voice Quick Guide: Easy Blood Glucose Monitoring</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>