

Sinocare AQ200ST

Sinocare Safe AQ Blood Glucose Test Strips User Manual

Model: AQ200ST

1. INTRODUCTION

Thank you for choosing Sinocare Safe AQ Blood Glucose Test Strips. These test strips are an essential component of your blood glucose monitoring system, designed to provide accurate and reliable results for effective diabetes management. This manual provides detailed instructions on the proper use, storage, and care of your test strips to ensure optimal performance.



Image 1.1: Overview of Sinocare Safe AQ Blood Glucose Test Strips and included lancets.

Sinocare is committed to innovation in biosensor technology, aiming to deliver high-quality products and services that assist individuals with diabetes in improving their quality of life through rapid and accurate diagnostics.

2. COMPATIBILITY

These test strips are specifically designed for use with Sinocare Safe AQ Smart and Sinocare Safe AQ Voice blood glucose meters only. Using these test strips with any other blood glucose monitoring system may lead to inaccurate results and is not recommended.

Nur kompatibel mit: Safe AQ Smart & Voice



Image 2.1: Visual representation of compatibility with Safe AQ Smart and Safe AQ Voice meters.

Sinocare Blutzuckermessgerät Kompatibilität mit Teststreifen

Blutzuckermessgerät	Kompatibilität	Teststreifen-Modell	Blutzuckermessgerät	Kompatibilität	Teststreifen-Modell
Safe Accu Blutzuckermessgerät	Kompatibel mit	Safe Accu Blutzuckerteststreifen	Safe AQ Angel Blutzuckermessgerät	Kompatibel mit	Safe AQ Angel Blutzuckerteststreifen
Safe Accu 2 Blutzuckermessgerät	Kompatibel mit	Safe Accu 2 Blutzuckerteststreifen	Safe AQ UG Blutzuckermessgerät & Harnsäure-Monitor	Kompatibel mit	Safe AQ UG Blutzuckerteststreifen & Safe AQ UG Harnsäure-Teststreifen
Safe AQ Smart Blutzuckermessgerät	Kompatibel mit	Safe AQ Blutzuckerteststreifen	Gold AQ Plus Blutzuckermessgerät	Kompatibel mit	Gold AQ Plus Blutzuckerteststreifen
Safe AQ Voice Blutzuckermessgerät	Kompatibel mit	Safe AQ Blutzuckerteststreifen	Safe AQ Pro I Blutzuckermessgerät	Kompatibel mit	Safe AQ Pro I Blutzuckerteststreifen

Image 2.2: Comprehensive compatibility chart for various Sinocare blood glucose meters and their corresponding test strips.

The test strips feature a no-coding design, meaning no manual calibration or adjustment is required for each new batch of strips. This simplifies the testing process and reduces the chance of user error.

3. SETUP

Before performing a test, ensure you have the following items ready:

- Sinocare Safe AQ Blood Glucose Meter (Smart or Voice model)
- Sinocare Safe AQ Blood Glucose Test Strip
- Lancing Device
- Lancet
- Alcohol swab (optional, for cleaning)
- Clean cloth or tissue

Preparation Steps:

1. Wash your hands thoroughly with soap and warm water. Dry them completely.
2. Prepare your lancing device by inserting a new lancet. Adjust the lancing depth according to your

skin thickness.

3. Open the test strip vial and remove one test strip. Immediately close the vial cap tightly to protect the remaining strips from moisture.
4. Insert the test strip into the test strip slot of your Sinocare Safe AQ meter. The meter will automatically turn on and display a symbol indicating it is ready for a blood sample.

4. OPERATING INSTRUCTIONS

Follow these steps to perform a blood glucose test:

1. **Obtain a Blood Sample:** Use the prepared lancing device to prick the side of your fingertip. Gently squeeze your finger to form a round drop of blood.
2. **Apply Blood to Test Strip:** Touch the tip of the test strip to the blood drop. The strip will draw the blood into the reaction area automatically. Ensure the blood sample completely fills the confirmation window on the test strip.
3. **Wait for Results:** The meter will begin counting down (typically 5 seconds). Do not remove the test strip from the meter during this time.
4. **Read Results:** After the countdown, your blood glucose result will be displayed on the meter's screen.
5. **Record Results:** It is recommended to record your results in a logbook or a diabetes management app.
6. **Dispose of Used Materials:** Carefully remove the used test strip from the meter and dispose of it, along with the used lancet, in a proper sharps container or according to local regulations for biohazardous waste.



Image 4.1: Illustrates the process of inserting a test strip into the meter and preparing for a test.

Important Notes:

- Always use a new test strip for each test. Test strips are for single use only.
- Do not apply blood to a test strip that has already been used.
- If the first drop of blood is not sufficient or appears contaminated, wipe it away with a clean cloth and use the second drop for testing. The second drop is less prone to contamination.
- Results from alternative sites (e.g., forearm, palm) may not reflect current blood sugar levels as accurately as fingertip samples, especially during periods of rapid glucose change.

5. MAINTENANCE AND STORAGE

Proper maintenance and storage of your test strips are crucial for ensuring their accuracy and longevity.

- **Storage:** Store test strips in their original vial with the cap tightly closed. Keep them in a cool, dry place, away from direct sunlight, heat, and extreme cold. Do not store in a refrigerator or freezer. The ideal storage temperature is between 10°C and 35°C.
- **Expiration Date:** Check the expiration date printed on the test strip vial. Do not use strips past their expiration date.
- **Vial Opening Date:** Upon first opening a new vial of test strips, write the disposal date (6 months

from the opening date) on the vial label. Dispose of any remaining test strips after this disposal date, even if the printed expiration date is later. This ensures optimal performance.

- **Handling:** Handle test strips with clean, dry hands. Avoid touching the reaction area of the strip.

200 Teststreifen + 200 Einwegstechhilfen



Image 5.1: The product includes 200 test strips and 200 disposable lancets, packaged for convenience and hygiene.

6. TROUBLESHOOTING

If you encounter issues during testing, consider the following common problems and solutions:

- **Error Message on Meter:** Refer to your Sinocare Safe AQ meter's user manual for specific error codes and their meanings. Common causes include insufficient blood sample, expired test strip, or improper strip insertion.
- **Inaccurate Results:** Ensure the test strip is not expired and the vial was closed immediately after use. Check if the meter and strips are stored within the recommended temperature range. Ensure your hands are clean and dry, and that the blood sample is sufficient and not smeared.
- **No Blood Drawn into Strip:** Ensure the test strip is inserted correctly into the meter. Make sure the blood drop is large enough and touch the tip of the strip to the blood drop, allowing it to wick in naturally. Do not apply blood to the top of the strip.
- **Meter Not Turning On:** Check the meter's batteries. Ensure the test strip is inserted correctly.

If problems persist, contact Sinocare customer support or consult with your healthcare professional.

7. SPECIFICATIONS

Feature	Specification
Product Name	Blood Glucose Test Strips
Brand	Sinocare
Model Number	AQ200ST
Quantity	200 Test Strips
Sample Type	Capillary or Venous Whole Blood
Test Time	5 seconds
Special Features	Accurate, No-Coding
Storage Temperature	10°C - 35°C
Shelf Life (Unopened)	18-24 months (refer to packaging)
Shelf Life (After First Opening)	6 months

8. WARRANTY AND SUPPORT

Information regarding specific warranty terms for Sinocare Safe AQ Blood Glucose Test Strips is typically provided with the product packaging or can be found on the official Sinocare website. Test strips are consumable items and generally have a limited warranty period, primarily covering manufacturing defects up to their expiration date or 6 months after opening, whichever comes first.

For customer support, technical assistance, or to inquire about warranty claims, please refer to the contact information provided on the product packaging or visit the official Sinocare website. Ensure you have your product model number (AQ200ST) and purchase details available when contacting support.