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› RGB Safe Accu 2 Blood Glucose Monitor with (10+50 Sugar Test Strips)

## RGB Safe Accu 2

# RGB Safe Accu 2 Blood Glucose Monitor User Manual

Model: Safe Accu 2

## INTRODUCTION

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The RGB Sinocare Safe Accu 2 Blood Glucose Monitor is designed for accurate and safe monitoring of blood glucose levels. This device incorporates the latest technology to provide reliable results for regular screening and management of diabetes mellitus. It features a clear result indicator, average result readings, and a convenient strip ejector for hygienic use.

## WHAT'S IN THE BOX

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Your RGB Safe Accu 2 Blood Glucose Monitor package includes the following components:

- RGB Sinocare Safe Accu 2 Meter
- 10 RGB Sinocare Safe Accu2 Strips
- Additional 50 RGB Sinocare Safe Accu2 Strips
- 10 Lancets
- 1 Lancing Device
- 2 AAA Batteries (included)
- Carry case

## WHAT'S INSIDE THE KIT?



Image: Components included in the RGB Safe Accu 2 Blood Glucose Monitor kit. This includes the main meter, test strips, lancets, a lancing pen, and a black carry case for convenient storage and transport.

### KEY FEATURES

- **Accuracy & Safety:** Utilizes the latest technology for precise blood glucose monitoring, featuring a result indicator with green (Normal) and red (Low/High) lights.
- **Advanced Testing Features:** FAD-GDH System requires only 0.6µL blood sample, offers a wide test range (20-600mg/dL), and provides results in just 10 seconds.
- **Memory Function:** Stores up to 200 test results and provides average readings for 7, 14, and 28 days, aiding in long-term monitoring.
- **User-Friendly Design:** Equipped with a strip ejector for contactless strip removal and a high-contrast LCD display for easy readability.
- **Durability:** The monitor has a 5-year shelf life, and the test strips have a 2-year shelf life.

### SETUP

## 1. Battery Installation

The RGB Safe Accu 2 meter requires two AAA batteries. These are included in your package.

1. Locate the battery compartment cover on the back of the meter.
2. Slide the cover open.
3. Insert two AAA batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

## 2. Setting Up the Lancing Device

The lancing device is used to obtain a blood sample.

1. Unscrew the cap of the lancing device.
2. Insert a new 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 top part of the lancing device. Start with a lower setting (e.g., 2-3) and adjust as needed for a sufficient blood drop.
6. Pull back the cocking control until it clicks, indicating it is ready to use.

## OPERATING INSTRUCTIONS

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### Performing a Blood Glucose Test

1. **Prepare:** Wash your hands thoroughly with soap and warm water, then dry them completely.
2. **Insert Test Strip:** Insert a new test strip into the test strip port of the meter. The meter will automatically turn on and display a blood drop symbol.
3. **Obtain Blood Sample:**
  - Place the 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. Do not squeeze excessively.
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. Ensure the blood sample completely fills the confirmation window on the strip.
5. **Read Results:** The meter will count down (typically 10 seconds) and then display your blood glucose result. The result indicator light (green or red) will illuminate to show if the reading is within the normal range.
6. **Eject Strip:** Use the strip ejector button to safely dispose of the used test strip without touching it.
7. **Record Results:** It is recommended to record your results for tracking and discussion with your healthcare professional. The meter automatically stores results.

## STRIPS SPECIFICATION | FAD-GDH SYSTEM



**Blood Sample  
needs only 0.6ul**



**Test Range  
20 - 600mg/dL**



**Test Time  
10sec**

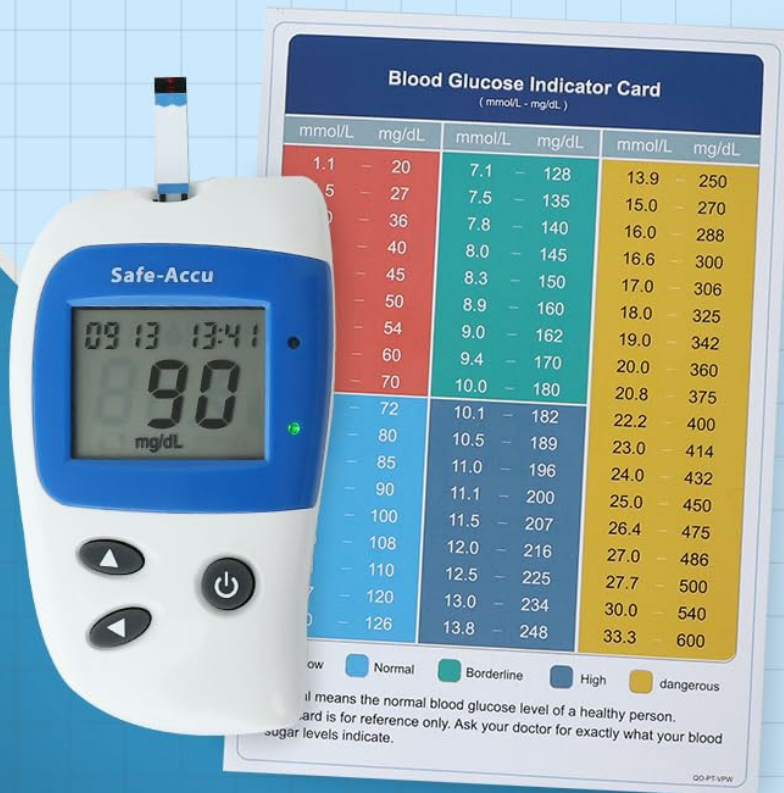


Image: Specifications for the test strips, highlighting the FAD-GDH system, the minimal blood sample requirement of 0.6µL, a test range of 20-600 mg/dL, and a rapid test time of 10 seconds.

### Interpreting Results

The meter provides a result indicator light (green for normal, red for low/high) and displays the numerical value. Refer to the Blood Glucose Indicator Card for detailed ranges:

## HIGH-CONTRAST LCD DISPLAY



**Memory of 7, 14 & 28 day averages  
with 200 test results**

**Low  
BG Level  
(20-70 mg/dL)**

**Normal  
BG Level  
(72-126 mg/dL)**

**Borderline  
BG Level  
(128-180 mg/dL)**

**High  
BG Level  
(182-248 mg/dL)**

**Dangerous  
BG Level  
(250-600 mg/dL)**

Image: The meter's high-contrast LCD display showing a reading, alongside a Blood Glucose Indicator Card. This card provides a guide for interpreting blood glucose levels, categorizing them into Low (20-70 mg/dL), Normal (72-126 mg/dL), Borderline (128-180 mg/dL), High (182-248 mg/dL), and Dangerous (250-600 mg/dL).

- **Low BG Level:** 20-70 mg/dL
- **Normal BG Level:** 72-126 mg/dL
- **Borderline BG Level:** 128-180 mg/dL
- **High BG Level:** 182-248 mg/dL
- **Dangerous BG Level:** 250-600 mg/dL

*Note: These ranges are for reference only. Always consult your doctor for personalized interpretation of your blood glucose levels.*

### Memory Function

The meter automatically stores up to 200 test results. It also calculates and displays average results for 7, 14, and 28 days, which can be helpful for tracking trends over time.

## MAINTENANCE

## Cleaning the Meter

To ensure accurate readings and hygiene, clean your meter regularly.

- Wipe the exterior of the meter with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Do not immerse the meter in water or any other liquid.

## Storage

- Store the meter and test strips in their original carry case in a cool, dry place.
- Keep away from direct sunlight and extreme temperatures.
- Ensure the test strip vial is tightly closed after each use to prevent moisture exposure.
- Do not use expired test strips.

## TROUBLESHOOTING

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If you encounter issues with your RGB Safe Accu 2 Blood Glucose Monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Meter does not turn on	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries if necessary.
Error message displayed	Insufficient blood sample, expired strip, or strip not inserted correctly.	Ensure adequate blood sample. Use a new, unexpired test strip. Reinsert strip firmly.
Inaccurate readings	Expired test strips, improper storage, dirty meter, or incorrect testing procedure.	Check strip expiry date. Store strips properly. Clean meter. Review operating instructions carefully. Perform a control solution test if available.
No blood drop after lancing	Lancing depth too shallow, or insufficient blood flow.	Increase lancing depth setting. Ensure hands are warm. Gently milk finger.

If the problem persists, please contact customer support.

## SPECIFICATIONS

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Attribute	Detail
Brand	RGB
Model Name	Safe Accu 2
Manufacturer	Changsha Sinocare
Test Range	20 - 600 mg/dL
Blood Sample Volume	0.6 µL
Test Time	10 seconds
Memory Capacity	200 results

Attribute	Detail
Battery Type	2 AAA batteries
Item Weight	300 g
Product Dimensions	6 x 3 x 11 cm

## WARRANTY AND SUPPORT

The RGB Sinocare Safe Accu 2 Blood Glucose Monitor comes with **lifetime warranty** for the meter, as stated in the product description, and a **5-year warranty** as per feature bullets. Test strips have a 2-year shelf life.

For any queries, technical support, or warranty claims, please contact:

- **Packer:** RGB Healthcare Pvt. Ltd.
- **Address:** 1411, Sadashiv Peth, Shop No-1. Shri Dattakrupa Society, Pune-411030, Maharashtra, India.
- **Phone:** 9822033469
- **Email:** rgbhealthcare@gmail.com

You may also contact the manufacturer:

- **Manufacturer:** Changsha Sinocare
- **Address:** No 265, Guyuan Road, Hi-Tech Zone, Changsha, Hunan Province, 410205.