

ARKRAY GLUCOCARD Shine

ARKRAY GLUCOCARD Shine Blood Glucose Monitor Kit User Manual

Model: GLUCOCARD Shine

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your ARKRAY GLUCOCARD Shine Blood Glucose Monitor Kit. Please read this manual thoroughly before using the device for the first time and keep it for future reference. This kit is designed for self-testing blood glucose levels by individuals with diabetes at home, and by healthcare professionals in clinical settings, as an aid in monitoring the effectiveness of diabetes control.

The GLUCOCARD Shine system offers quick and accurate blood glucose readings, requiring only a small blood sample and providing results in 5 seconds. It features a compact design, an easy-to-read display, and no-coding operation for user convenience.

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All-in-One Glucose Testing Kit

Everything you need for convenient, reliable
daily blood glucose testing.



Image 1.1: The ARKRAY GLUCOCARD Shine Blood Glucose Monitor Kit highlighting its key features: No-Coding Required, Reverse LCD Display, Compact & Portable Design, Consistent Accuracy, and User-Friendly Operation.

2. PRODUCT COMPONENTS

Your ARKRAY GLUCOCARD Shine Blood Glucose Monitor Kit includes the following items:

- GLUCOCARD Shine Blood Glucose Meter
- 10 GLUCOCARD Shine Test Strips
- Lancing Device
- 10 Lancets
- Two CR2032 Lithium Manganese Dioxide Batteries
- Carrying Case
- Logbook
- User Manual (this document)



Image 2.1: All components included in the ARKRAY GLUCOCARD Shine Blood Glucose Monitor Kit.

3. SETUP

3.1. Battery Installation

1. Locate the battery compartment on the back of the GLUCOCARD Shine meter.
2. Open the battery cover.
3. Insert the two CR2032 batteries, ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery cover securely.

3.2. 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 setting on the lancing device. Start with a shallower setting (e.g., 2-3) and adjust as needed to obtain a sufficient blood sample.

6. Pull back the cocking mechanism until it clicks, indicating it is ready for use.

4. OPERATING INSTRUCTIONS (PERFORMING A BLOOD GLUCOSE TEST)

Follow these steps to perform a blood glucose test:

1. **Wash and Dry Hands:** Wash your hands thoroughly with soap and warm water, then dry them completely. This helps prevent infection and ensures an accurate sample.
2. **Prepare the Meter:** Insert a new GLUCOCARD Shine test strip into the test strip port of the meter. The meter will automatically turn on and display a blood drop symbol, indicating it is ready for a blood sample. The meter requires no manual coding.
3. **Obtain a Blood Sample:** Press the prepared lancing device firmly against the side of your fingertip and press the release button. A small drop of blood will form.
4. **Apply Blood to Test Strip:** Gently touch the tip of the test strip to the blood drop. The blood will be drawn into the strip automatically. Ensure the blood sample completely fills the reaction area of the test strip. The meter requires only 0.5 microliters of blood.
5. **Read Results:** The meter will begin a 5-second countdown. After 5 seconds, your blood glucose result will appear on the display.
6. **Record Results:** Record your result in the logbook provided or a personal record-keeping system.
7. **Dispose of Used Materials:** Safely dispose of the used test strip and lancet according to local regulations for biohazardous waste.



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Easy-to-Read Display Day & Night

The reverse LCD delivers clear, sharp results in any light.

results in just
5 seconds
using 0.5 μ L blood
sample

Image 4.1: The GLUCOCARD Shine meter in use, demonstrating its clear display and quick results.

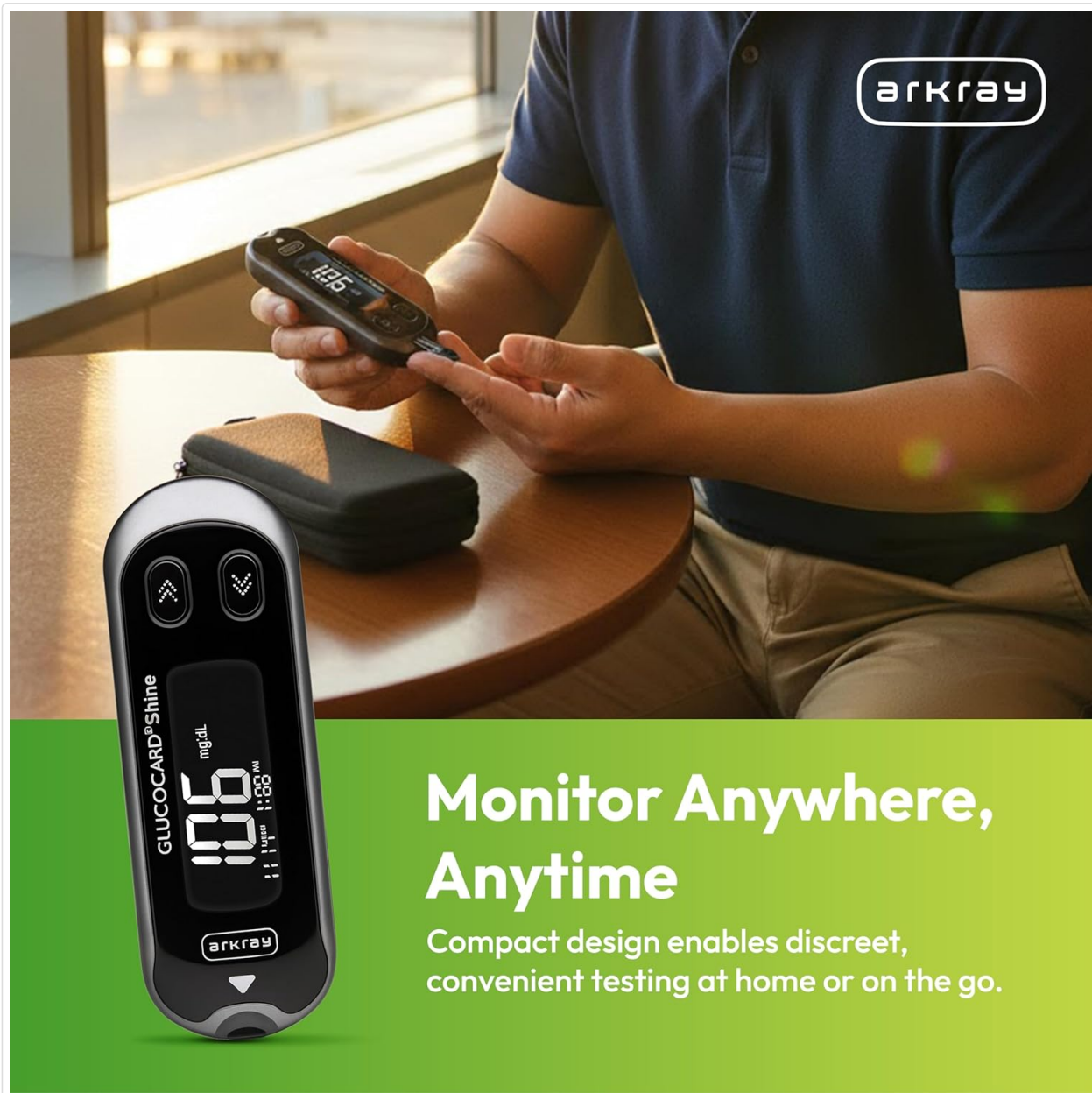


Image 4.2: The compact design allows for convenient monitoring at home or on the go.

5. MAINTENANCE AND CARE

5.1. Cleaning the Meter

Clean the exterior of the meter regularly with a soft, damp cloth. Do not immerse the meter in water or use harsh cleaning agents. Ensure no liquid enters the test strip port.

5.2. Storage

- Store the meter, test strips, and lancing device in the provided carrying case.
- Keep all components in a cool, dry place, away from direct sunlight and extreme temperatures.
- Do not store test strips in areas with high humidity.
- Ensure test strip vials are tightly closed after removing a strip to protect them from moisture.

5.3. Disposal

Dispose of used lancets and test strips in a puncture-resistant sharps container. Consult your local health authority for proper disposal guidelines for medical waste.

6. TROUBLESHOOTING

If you encounter issues with your GLUCOCARD Shine meter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Meter does not turn on	Dead or incorrectly installed batteries	Check battery installation; replace batteries if necessary.
Error message (e.g., 'E-1', 'E-2')	Insufficient blood sample, damaged test strip, or meter malfunction	Repeat the test with a new test strip and sufficient blood sample. If the error persists, contact customer support.
Inconsistent results	Expired test strips, improper storage, or technique errors	Check test strip expiration date. Ensure strips are stored correctly. Review testing procedure for correct technique. Perform a control solution test if available.
Lancing device not working	Not cocked, or lancet not inserted correctly	Ensure the lancing device is cocked. Verify the lancet is fully inserted and the cap is on.

If you experience persistent issues not covered here, please contact ARKRAY customer support.

7. SPECIFICATIONS

Feature	Specification
Model Name	GLUCOCARD Shine
Test Time	5 Seconds
Blood Sample Volume	0.5 microliters (µL)
Battery Type	CR2032 Lithium Manganese Dioxide (x2)
Package Dimensions	6.57 x 5.24 x 2.09 inches
Weight	8.78 ounces (including components)
Manufacturer	Arkray USA
UPC	015482541002

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your kit or visit the official ARKRAY USA website. It is recommended to register your product to receive updates and support.

Manufacturer: Arkray USA

For technical assistance or questions regarding your GLUCOCARD Shine Blood Glucose Monitor Kit, please

contact ARKRAY customer service directly.