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IMDK VGM29

IMDK Blood Glucose Monitor Kit User Manual

Model: VGM29

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your IMDK Blood Glucose Monitor Kit. The kit is designed for precise and reliable blood glucose measurement, offering a user-friendly experience for daily monitoring. The IMDK Blood Glucose Monitor features clinically proven accuracy, advanced 8-electrode test strip technology to minimize interference, and requires no coding. Results are provided quickly from a small blood sample, making it suitable for a wide range of users, including newborns, pregnant women, and individuals with varying hematocrit levels.

WHAT'S INCLUDED

Your IMDK Blood Glucose Monitor Kit includes the following components:

- 1 x IMDK Blood Glucose Monitor
- 100 x Blood Test Strips
- 100 x Gauge Lancets
- 1 x Lancing Device
- 1 x Storage Bag
- 1 x User Guide (this document)
- 1 x Control Solution



Image: All components of the IMDK Blood Glucose Monitor Kit, neatly arranged.

SAFETY INFORMATION

This device is intended for monitoring blood glucose levels in individuals with diabetes mellitus. Always consult your healthcare professional for diagnosis, treatment, and any questions regarding your blood glucose management.

- Do not reuse test strips or lancets. Used materials should be disposed of safely according to local regulations.
- Keep the device and all components out of reach of children.
- Ensure the test strips are not expired or damaged.
- The wide Hematocrit (HCT) range of 10-70% allows for accurate readings across various user groups, including newborns, pregnant women, and individuals with anemia or high blood viscosity.



Image: The IMDK Blood Glucose Monitor is trusted by healthcare professionals and holds 510(K) Approved, ISO 15197:2013, and CE Certification.

User-Friendly Focus

Say Goodbye to Complex Meters



No Coding
Required



Large
Display



Get Results
in **5s**



A Tiny Blood
Sample



One-Touch
Testing

Image: The iMDK monitor's wide HCT range ensures accurate readings for diverse users, including newborns, elderly, pregnant individuals, and those with anemia.

SETUP

1. Prepare 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 by rotating the cap. Start with a lower setting (e.g., 2-3) and adjust as needed for a sufficient blood sample.
6. Pull back the cocking control until it clicks, indicating the device is ready.

Your browser does not support the video tag.

Video: Official IMDK blood glucose meter product usage guide, demonstrating how to prepare the lancing device and perform a test.

2. Prepare the Monitor

- Ensure batteries are correctly installed in the monitor.
- The monitor is designed for no coding, simplifying the setup process.

OPERATING INSTRUCTIONS

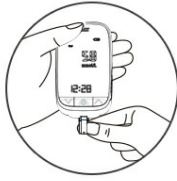
Before You Begin

- Ensure the test strips are not contaminated, damp, or expired.
- Wash your hands thoroughly with warm water and soap. Dry your hands completely to remove any dirt or oils that might affect the reading.

Taking a Blood Sample and Testing

1. Insert a new test strip into the meter. The meter will turn on automatically.
2. Choose a test site: The fingertip is the most common and reliable site.
3. Lance your finger using the prepared lancing device. Gently squeeze your fingertip to encourage a small blood droplet to form.
4. Apply the blood sample to the absorbent tip of the test strip. The meter will beep or display a visual signal once it has received enough blood and begins analysis.
5. Wait for the result. Your blood glucose reading will be displayed in approximately 5 seconds.
6. If the blood sample is not adequate, the meter will alert you. Discard the used strip and repeat the test with a new strip.
7. Never reuse a test strip or lancet.

How to Use



Step 1

Insert the strip



Step 2

Clean your finger



Step 3

Collect blood



Step 4

Apply blood



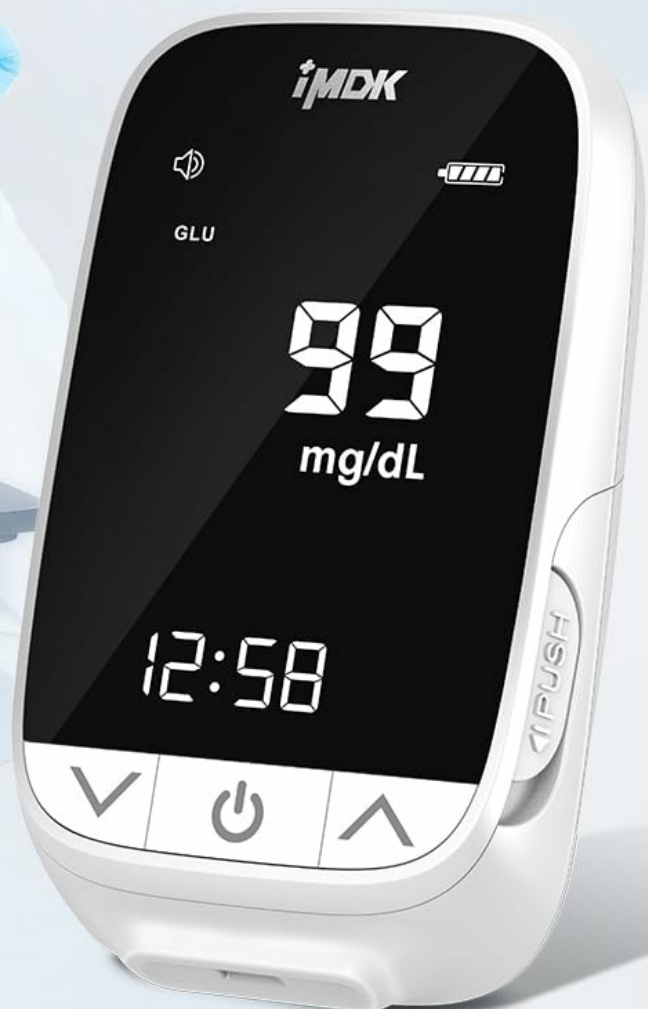
Step 5

Get results in 6s

Image: Step-by-step guide on how to use the IMDK Blood Glucose Monitor, from inserting the strip to getting results.

Precise Measure

Accuracy Clinically Proven

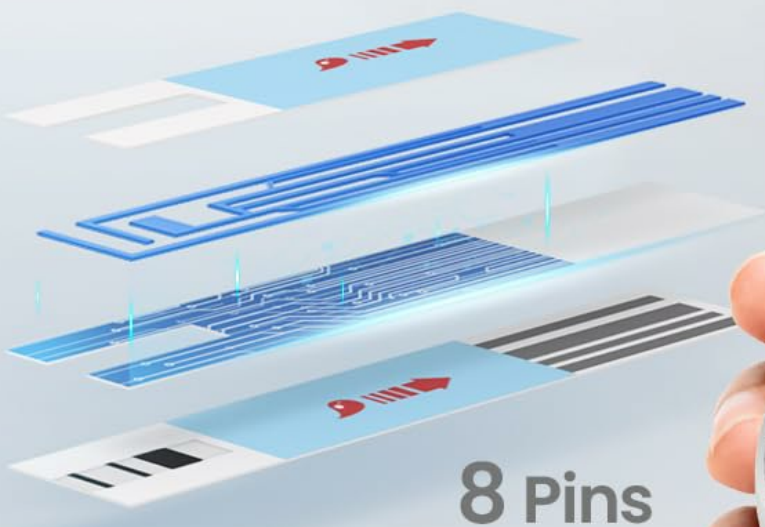


The IMDK BGM has achieves **± [10]%** accuracy, exceeding the industry standard ISO 15197:2016.

Image: The advanced 8-electrode test strips minimize interference for stable and accurate readings.

The Advanced Anti-interference Strips

The new 8-electrode test strip technology minimizes interference for significantly more stable and accurate blood sugar readings.



Ultra-Accuracy
8-electrodes Strips

Eliminating Hematocrit
Interference

Eliminating Temperature
Interference



Image: User-friendly features of the IMDK monitor, including no coding, large display, 5-second results, tiny blood sample, and one-touch testing.

MAINTENANCE

Cleaning the Monitor

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

Storing Test Strips

Store test strips in their original vial with the cap tightly closed. Keep them away from heat, direct sunlight, moisture, and humidity. The ideal storage temperature is between 4°C and 30°C (39°F and 86°F). Do not store in a refrigerator.

Battery Replacement

When the low battery indicator appears on the display, replace the batteries immediately to ensure accurate readings. Refer to the battery compartment for the correct battery type and orientation.

TROUBLESHOOTING

If you encounter issues with your IMDK Blood Glucose Monitor, refer to the following common problems and solutions:

Error Messages

Display Item	Meaning	Suggestions
E-2	Low battery.	Replace with new batteries.
E-3	Temperature out of range.	Ensure the meter is in an area within its operating temperature range before testing.
E-4	Used or contaminated test strip detected.	Discard the used test strip. Insert a new test strip. Wait for the flashing blood drop symbol before testing.
E-5	Insufficient blood sample.	Redo the test with enough sample to fill the test strip's check window.
HI	Blood Glucose test result is above 600 mg/dL (33.3 mmol/L).	Wash and dry your hands, then repeat the test using a new test strip. If your result still flashes HI, contact your healthcare professional as soon as possible.
Lo	Blood Glucose Test result is below 10 mg/dL (0.6 mmol/L).	Wash and dry your hands, then repeat the test using a new test strip. If your result still flashes Lo, contact your healthcare professional as soon as possible.

Error Message Description and Proceeding Solution

Display item	What it mean is	Suggestions
E-2	Indicates a low battery.	Replace new batteries.
E-3	Temperature out of range.	Make sure the meter is placed in an area that is within its operating temperature range before performing a test.
E-4	The meter detects a used or contaminated test strip	1. Discard the used test strip. 2. Insert a new test strip. 3. Wait for the flashing blood drop symbol before testing.
E-5	Insufficient blood sample	Redot the test with enough sample to fill the test strip's check window.
HI	Blood Glucose test result is above 600 mg/dL (33.3 mmol/L)	Wash and dry your hands, then repeat the test using a new test strip. If your result still flashes HI, contact your health care professional as soon as possible.
Lo	Blood Glucose Test result is below 10 mg/dL (0.6 mmol/L).	Wash and dry your hands, then repeat the test using a new test strip. If your result still flashes Lo, contact your health care professional as soon as possible.

Image: Description of common error messages and their corresponding solutions.

Factors Affecting Test Accuracy

Several factors can influence the accuracy of your blood glucose readings:

- **Alcohol, dirt, or other substances on the skin:** Always wash your hands thoroughly with warm water and soap, and dry them completely before pricking your finger.
- **Insufficient Blood Sample:** Gently squeeze the sides of your fingertip to produce a larger drop. Ensure the test strip's check window is adequately filled (0.5µL).
- **Test Strip Issue:** Use only fresh, unexpired test strips stored correctly.
- **Testing Site Location:** While fingertips are recommended, if you suspect an inaccurate reading from an alternative site, retest using a fingertip blood sample for a more reliable result.
- **Interval Between Tests:** When testing blood sugar twice in a row, you might see a slight difference (usually within ±15%) between readings, even if you use the same blood sample. This is normal.

WHY? Why were results different after measuring blood glucose twice in a row?

Factors Affecting Test Accuracy	For accurate results
Alcohol, dirt or other substances on the skin	Wash your hands thoroughly with warm water and soap. Alternatively, clean the testing site with an alcohol pad. Always dry your hands and the testing site completely before pricking your finger.
Insufficient Blood Sample	Gently squeeze the sides of your fingertip to produce a larger drop.
Wipe off tissue contains in your blood.	Wipe off the first drop of blood, and then collect a drop of blood on the test strip, making sure you have an adequate amount (0.5ul) for a reading.
Test strip Issue	Store strips in their original, Avoid heat, direct sunlight, moisture, and humidity. Ideally, store them between 4°C and 30°C (39°F and 86°F).
Testing site location	If you suspect an inaccurate reading from an alternative site, we recommend retesting with a fingertip blood sample for a more reliable result.
The Interval between 2 same blood tests.	When you test your blood sugar twice in a row, you might see a slight difference (usually within ±15%) between the readings, even if you use the same blood sample.

Image: Common factors that can affect blood glucose test accuracy and how to ensure reliable results.

WHY? Why the results measured by different companies' BGMs are different?

(e.g. I have 2 meters, but I get 2 different results at the same time?)

The test results for the same blood sample may vary because each manufacturer's blood glucose meter setting is different.

⊗ It is not recommended to compare the test results tested with different brands of blood glucose meters.

Lab Glucose

Tests Result

200 mg/dL

Valid Data

(difference% within -15%)

Brand A BGM

Test Result

170 mg/dL

Brand B BGM

Tests Result

230 mg/dL

Difference

within ±60 mg/dL

Image: Explanation of why results may vary between different brands of blood glucose monitors, advising against direct comparison.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	IMDK
Model Number	VGM29
Accuracy	±9% (exceeds ISO 15197:2016 standards)
Sample Volume	0.5 µL
Test Time	5 seconds
Memory Capacity	900+ readings with date and time
Hematocrit (HCT) Range	10-70%
Certifications	510(K), CE-certified, ISO 15197:2013 compliant
Special Features	No coding required, 8-electrode test strip technology, large display, one-touch testing.

Reliable **Quality**

Trusted by Healthcare Professionals.



510 (K) Approved



ISO 15197:2013



CE Certification

Image: The IMDK Blood Glucose Monitor offers precise and clinically proven accuracy.

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your IMDK Blood Glucose Monitor Kit, please refer to the official IMDK Medical website or contact their customer service directly. Contact details are typically provided in the

packaging or on the manufacturer's official channels.

