

Easy@Home EBG-100SL

Easy@Home GlucoseEase Blood Glucose Monitor Kit EBG-100SL Instruction Manual

Model: EBG-100SL | Brand: Easy@Home

[Instructions](#) [Accuracy](#) [Introduction](#) [What's in the Box](#) [Setup](#) [Operating](#)
[Maintenance](#) [Troubleshooting](#) [Specifications](#) [Support](#)

1. INTRODUCTION

The Easy@Home GlucoseEase Blood Glucose Monitor Kit EBG-100SL is designed for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. This system provides precise measurement of glucose levels in fresh capillary whole blood samples obtained from the fingertip. It is intended for single-person use only; sharing is discouraged. This device is not suitable for diagnosing or screening diabetes, nor is it intended for use with infants.

Note: This blood glucose meter is not Bluetooth enabled. Blood sugar readings must be manually input into the GlucoseEase app for tracking.

2. WHAT'S IN THE BOX

Your Easy@Home GlucoseEase Blood Glucose Monitor Kit includes the following components:

- Easy@Home Blood Glucose Meter (EBG-100SL)
- 100 Glucometer Test Strips (50 strips per vial, 2 vials included)
- 100 Blood Lancets (multiple packs)
- Lancing Device
- Carry Bag
- Instruction Manuals (Quick Guide and detailed manual)
- 1 Lithium Metal battery (pre-installed)

***The Blood Glucose Monitor doesn't have Bluetooth connectivity**

Manually Enter and Effortlessly Track Your Blood Sugar Values with the

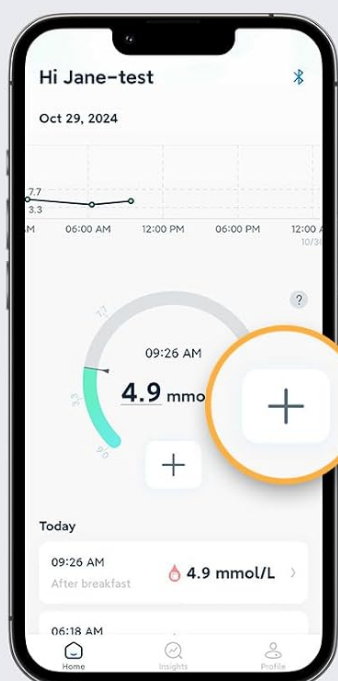


app



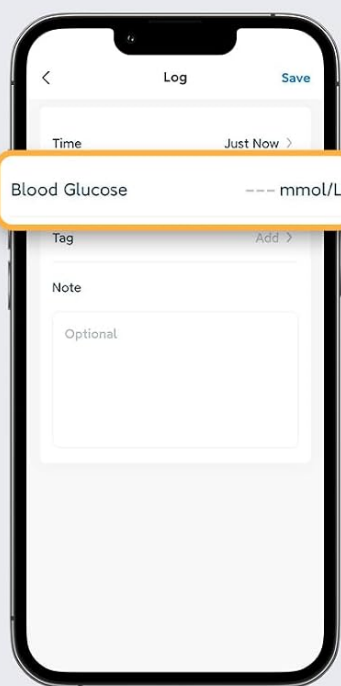
STEP 1

Click "+"



STEP 2

Enter your value & measurement time.



STEP 3

Save your data.

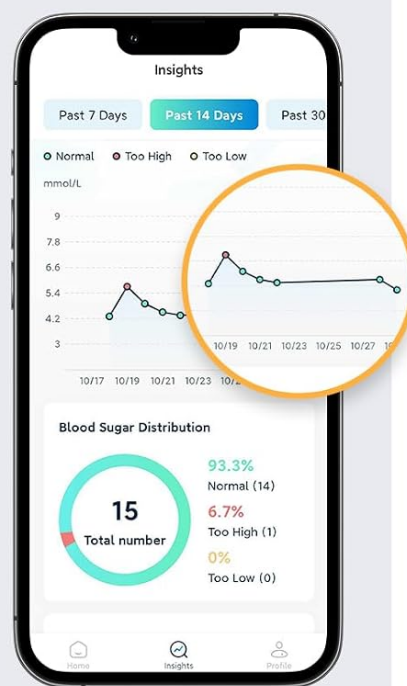


Image 2.1: All components of the Easy@Home Blood Glucose Monitor Kit, including the meter, test strips, lancets, lancing device, and carry case.

3. SETUP

3.1. Battery Installation (First Use)

Before first use, remove the insulating sheet or tab from the battery compartment. This preserves battery life during storage and transportation. The included button battery has a lifespan of approximately 1000 uses or 1 year.

It's important to remove the insulating sheet or tab when you first use a blood glucose monitor. The insulating sheet is usually placed to preserve the battery life during storage and transportation.



Image 3.1: A close-up view of the Easy@Home Blood Glucose Monitor, showing the battery compartment and the insulating tab being removed.

Your browser does not support the video tag.

Video 3.1: This video demonstrates the initial setup of the blood glucose meter, including removing the battery tab.

3.2. Preparing the Lancing Device

1. Twist the cap to remove it from the lancing device.
2. Insert a new lancet into the device.
3. Twist off the protective cap from the lancet.
4. Replace the lancing device cap.
5. Adjust the puncture depth by rotating the head of the device. Settings range from 1 (tender skin) to 5 (rough/callused skin). A setting of 3 is generally recommended for normal adult skin.
6. Pull back the cocking barrel until it clicks, indicating it is ready to use.



- 1 Aperture: It Absorbs the blood from either side of the test strip.
- 2 Blood Reaction Zone: It must be filled with blood entirely.
- 3 Meter Contact: The value of the test result will be transmitted from the Blood Reaction Zone into the meter through this Meter Contact.

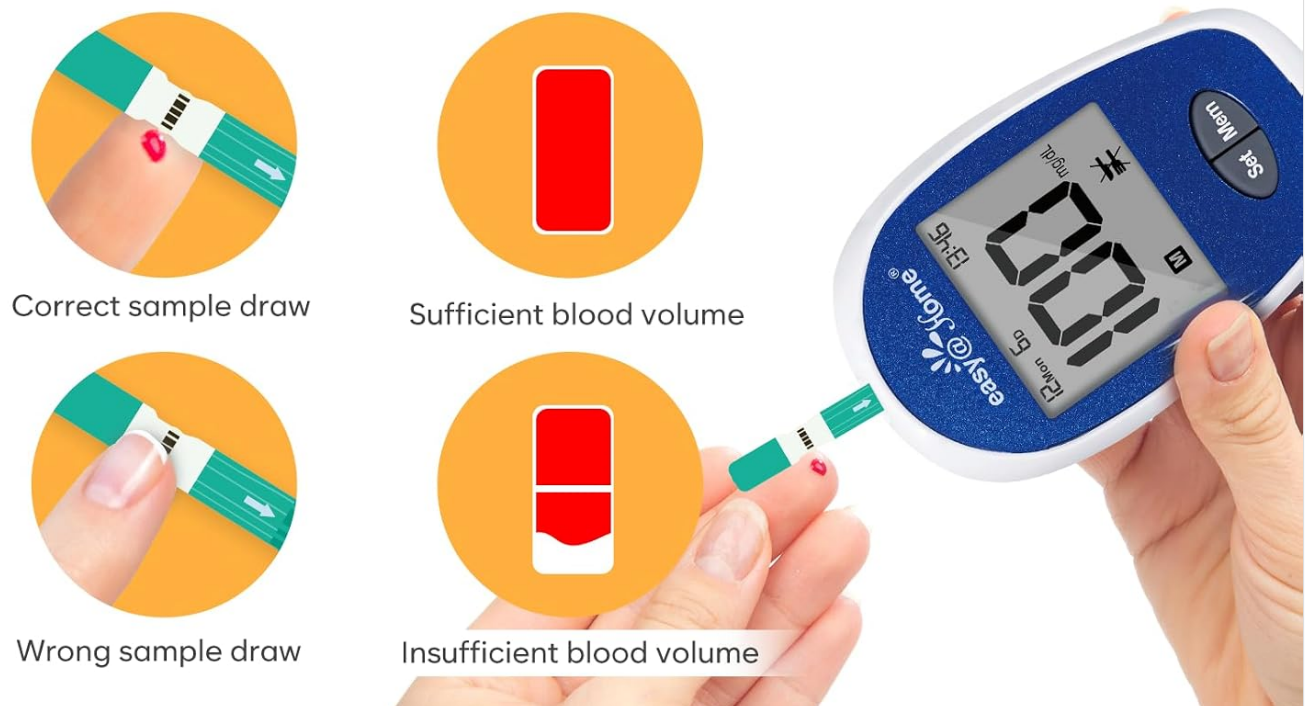


Image 3.2: A diagram illustrating the components of the lancing device and its 5 adjustable depth settings for various skin thicknesses.

Customizable Lancet Pen: Adjusts to 5 Levels for Various Skin Thicknesses

The blood sampling pen can be selected based on the thickness of the skin.

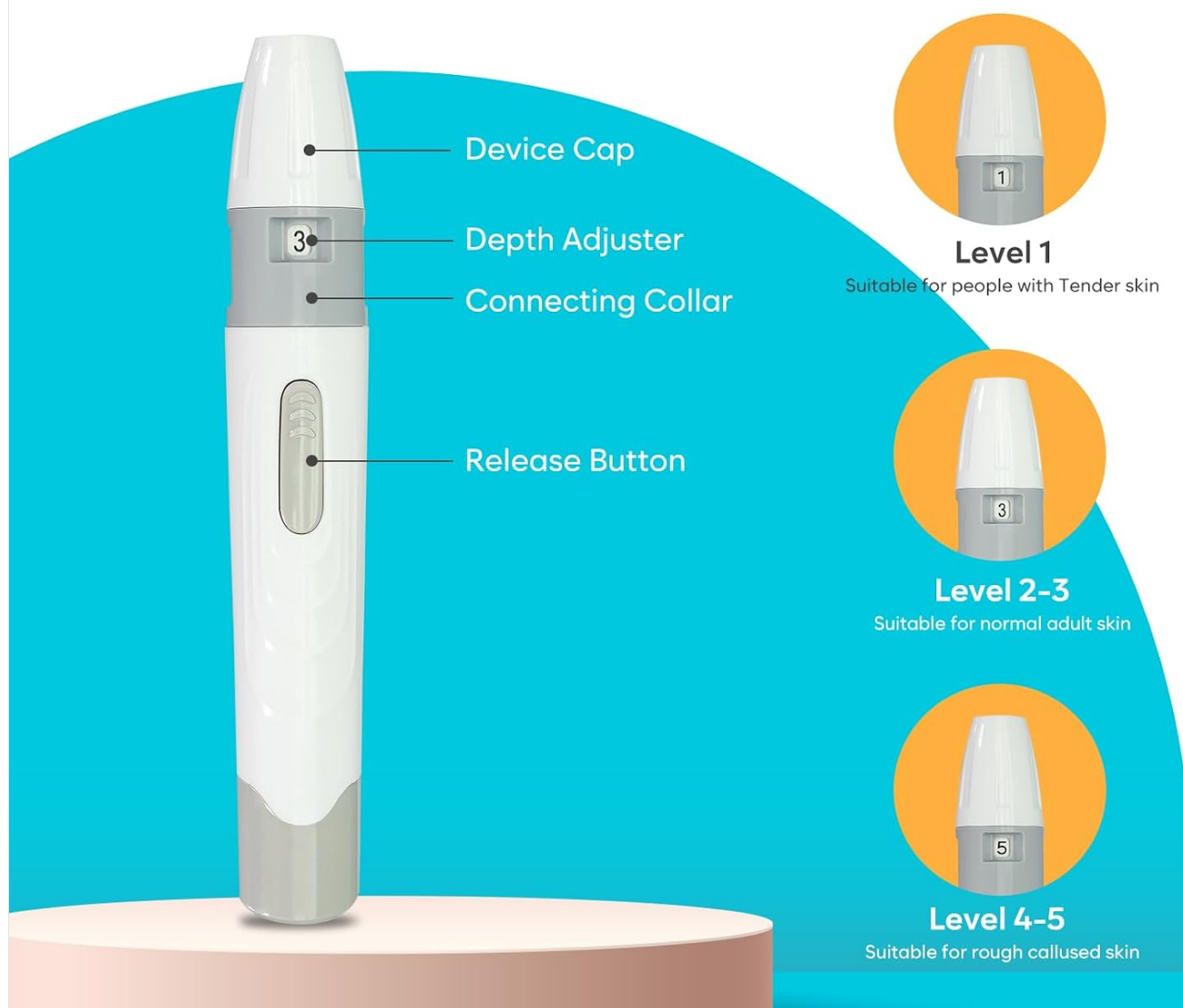


Image 3.3: A close-up of a 0.3mm micro lancet, showing how to twist to remove its cap.

3.3. Preparing the Test Strip

1. Remove one test strip from the vial. Immediately close the vial cap tightly to protect remaining strips from moisture.
2. Insert the test strip into the strip slot of the meter. The meter will automatically turn on.
3. Check that the code displayed on the meter matches the code on the test strip vial. If the codes do not match, do not proceed with testing.



Analyze & Manage
Your Diabetes Data



Track Your
Daily Progress



Effortless Glucose
Logging



Keep Your
Data Safe

***The Blood Glucose Monitor doesn't have Bluetooth connectivity**

Image 3.4: A detailed diagram showing the aperture, blood reaction zone, and meter contact points of a test strip, along with examples of correct and incorrect blood sample application.

4. OPERATING INSTRUCTIONS

4.1. Performing a Blood Glucose Test

1. Wash your hands thoroughly with soap and water, then dry them completely.
2. Insert a test strip into the meter. The meter will turn on automatically and display a code. Ensure this code matches the code on your test strip vial.
3. Hold the lancing device firmly against the side of your fingertip and press the release button.
4. Gently squeeze your finger to obtain a small drop of blood (approximately 0.8 μ L).
5. Touch the tip of the test strip to the blood drop. The blood will be drawn into the strip by capillary action.
6. The meter will display a countdown, and the result will appear in 5 seconds.
7. Record your result. The meter stores up to 800 records.
8. After testing, remove the used test strip and lancet. Dispose of them safely in a puncture-resistant container.

ACCURACY

600 samples at glucose concentration 46–576 mg/dL were tested at hospital by healthcare professionals. Fresh capillary finger whole blood samples were tested with the **Easy@Home Blood Glucose Meter**, plasma samples from the subjects were tested with YSI Model 2300 Glucose Analyzer as reference. The results are shown in the following table.

Glucose concentration < 100 mg/dL(5.6mmol/L)		
Within ± 5mg/dL	Within ± 10mg/dL	Within ± 15mg/dL
83/170 (48.8%)	137/170 (80.6%)	169/170 (99.4%)
Glucose concentration ≥ 100 mg/dL(5.6mmol/L)		
Within ±5%	Within ±10%	Within ±15%
227/430(52.8%)	346/430 (80.5%)	419/430(97.4%)
Within ± 15mg/dL or ±15% (Within ±0.84mmol/L or ±15%)		
588/600 (98%)		

Image 4.1: A visual guide detailing nine simple steps for performing a blood glucose test, from hand washing to safe disposal of used materials.

Your browser does not support the video tag.

Video 4.1: This video demonstrates the initial setup and use of the blood glucose meter, including removing the battery tab, preparing the lancing device, inserting a test strip, and performing a test.

4.2. Understanding Results and Tracking

- The monitor displays "Hypo" for blood sugar levels below 70mg/dL and "Keto" for levels above 320mg/dL.
- It offers pre-meal, post-meal, and quality control solution measurement modes for accurate tracking.
- The meter presents average blood sugar levels before and after meals for 7, 14, 21, and 28 days, offering valuable insights into trends.
- The large, easy-to-read digital display ensures convenience for users, especially the elderly or those with visual impairments.
- **GlucoseEase App:** Although the meter is not Bluetooth enabled, you can manually input your blood sugar readings into the GlucoseEase app to track pre-meal and post-meal levels, providing insights into your highest, lowest, and average values over the past 7, 14, 30, and 90 days.



Image 4.2: The Easy@Home glucose monitor display highlighting key features: 0.8µL sample size, 800 test memory, 7/14/21/28 day test averages, and 5-second results.



5. ACCURACY INFORMATION

The Easy@Home Blood Glucose Meter exceeds international standards with a compliance rate of 97.5% within $\pm 15\%$, surpassing the ISO 15197 requirement of 95%. This demonstrates the high accuracy and reliability of the device in measuring blood glucose levels.



Image 5.1: A table presenting accuracy data for the Easy@Home Blood Glucose Meter, showing compliance rates within specified error margins for different glucose concentration ranges.

6. MAINTENANCE

- **Automatic Shutdown and Startup:** The device automatically shuts down after three minutes of inactivity to preserve battery power. It conveniently starts up automatically when test strips are inserted.
- **Battery Life:** The included button battery has a lifespan of approximately 1000 uses or around 1 year.
- **Storage:** Store test strips in their original vial within the range of 2°C to 30°C (36°F to 86°F). Do not freeze. Keep away from direct sunlight and heat.
- **Cleaning:** Keep the meter clean and dry. Do not use water or cleaning solutions directly on the meter.

7. TROUBLESHOOTING

If the meter displays an error code or unexpected results, refer to the detailed user manual for specific guidance. Common issues and their potential solutions include:

- **Error Code E42:** This code may appear if the blood volume applied to the test strip is either too low or too high, or if the meter is unable to obtain a test result. Ensure proper blood sample application as per instructions.
- **Inaccurate Readings:** Ensure the test strip code matches the meter code. Check the expiration date of the test strips. Ensure proper hand hygiene and sufficient blood sample.
- **Meter Not Turning On:** Check if the battery insulating tab has been removed. Ensure the battery is correctly installed and has sufficient charge.

8. SPECIFICATIONS

Feature	Detail
Model Name	EBG-100SL
Item Weight	8.4 ounces
Product Dimensions	5.71 x 3.54 x 1.97 inches
Batteries	1 Lithium Metal battery required (included)
Battery Cell Composition	Lithium
Battery Life	1 year (approx. 1000 uses)
Operating Time	5 Seconds
Blood Sample Volume	0.8µL
Memory Capacity	800 records
Automatic Shutdown	After 3 minutes of inactivity
UPC	810038634746

9. WARRANTY AND SUPPORT

For product support, warranty information, or any questions regarding your Easy@Home GlucoseEase Blood Glucose Monitor Kit, please contact Easy@Home customer service.

- **Manufacturer:** Easy@Home
- **Customer Service Email:** service@healthcare-manager.com
- **Customer Service Phone:** 1-855-822-8999 (M-F 9 a.m.-5 p.m. CST)
- **Return Policy:** This product is eligible for a refund/replacement within 30 days of purchase. Please refer to the retailer's return policy for full details.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question