



Self-Monitoring Speaking Blood Glucose System

User's Manual

**Please read this User's Manual thoroughly
before using your blood glucose meter.**

Dear EasyMax V SMBG System Owner,

Thank you for using the **EasyMax V** Self-Monitoring Speaking Blood Glucose (SMBG) System. We designed this system to be dependable, easy-to-use, compact, lightweight and portable to help you monitor your blood glucose on a regular basis.

Please read this manual thoroughly before you begin testing. This manual provides you and your diabetes care team with important information and step-by-step directions to use the **EasyMax V** Self-Monitoring Speaking Blood Glucose System.

Thanks again for choosing the **EasyMax V** SMBG System.

Intended Use

The **EasyMax V** Self-Monitoring Speaking Blood Glucose Test System is intended for the quantitative measurement of glucose in fresh capillary whole blood samples drawn from the fingertips, palm or forearm. Testing is done outside the body (*In Vitro* diagnostic use). It is indicated for use at home (over the counter [OTC]) by persons with diabetes, or in clinical settings by healthcare professionals, as an aid to monitor the effectiveness of diabetes control.

Standard Accessories

Your new **EasyMax V** Blood Glucose meter and accessories work together to measure the amount of glucose in your blood. The system includes:

- Blood Glucose Meter
- Two 1.5V (AAA) alkaline batteries
- Carrying Case
- User's Manual
- Quick Start Guide
- Self-Test Log Book

Optional Accessories

- High Control Solution
- Normal Control Solution
- Low Control Solution

Note:

High, Normal and Low control solutions are available. For purchase, please call the Customer Care Service toll-free at 866-994-3345.

Why is it so important to test blood glucose regularly?

Testing your blood glucose regularly can make a big difference in how you manage your diabetes every day. We've made this SMBG system as simple as possible to help you to use the meter regularly. Your meter is easy to use, and you can adjust your lancing device for your comfort.

Do you need Help?

If you have questions or need assistance, please call the Customer Care Service toll-free at 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM-6:00PM). During non-service hours, please contact your healthcare provider.

Note:

Although the EasyMax V SMBG System is easy to use, you may need to consult your healthcare professional (this may be your doctor, pharmacist or diabetes nurse educator) for instructions on how to use the system. Only the correct use of the system will ensure accurate results.

Important Information About Your New Meter

- **EasyMax V** blood glucose meter is designed and approved for testing fresh capillary blood from your fingertip, palm or forearm. The meter is for outside the body (in vitro) use. It should not be used to diagnose diabetes.
- Only use **EasyMax V** blood glucose meter with **EasyMax** Blood Glucose Test Strips. Other test strips will give inaccurate results.
- Testing is not valid for neonatal blood specimen.
- Do not disassemble the meter as this may cause damage to the components resulting in incorrect reading. Disassembling the meter will also void the warranty.
- Always keep the meter clean and store it in a safe place. Protect the meter from direct sunlight to ensure a longer lifespan.
- You should not store the meter or test strips in a car, a bathroom or a refrigerator.
- Keep the meter, test strips and lancing device away from children and pets.
- You should not test critically ill patients with home-use blood glucose meters.
- Elevated levels of acetaminophen, uric acid, gentisic acid, levodopa, dopamine, ascorbic acid and methyldopa may affect results.
- Incorrect results may occur when performing the test. If you believe you are not feeling well, please contact your healthcare professional.

- Remove batteries if the meter will not be used for one month or more.
- Warning for potential biohazard: Healthcare professionals using this system on multiple patients should be aware that all products or objects that come in contact with human blood, even after cleaning, should be handled as if capable of transmitting viral disease.
- Consult with your healthcare professional before testing on your palm or forearm.
- Do not touch the strips with wet hands.
- Do not use expired strips (the expiration date is shown on the bottle).
- Do not bend, cut or twist the strips.
- Altitude up to 10,000 feet above sea level has no effect on readings.

Health-Related Information

- If you are very dehydrated, urinating frequently, low blood pressure, shock or hyperosmolar hyperglycemic nonketotic coma (HHNKC), you may get a test result that is lower than what your blood glucose really is. If you think you are dehydrated, call your doctor right away.
- If you have followed the steps in the user's manual, but still have symptoms that don't seem to match your test results, or if you have questions, please contact your healthcare professional.
- Please read your test strip instructions carefully for additional health-related information.

Warning for potential biohazard:

Healthcare professionals using this system on multiple patients should handle all products or objects in contact with human blood carefully to avoid transmitting viral disease, even after cleaning.

Explanation of Symbols



















	Left button		Right button
	Date		Memory
	Time		Insert a test strip
	Result amount		Upload data
	English		Battery
	Español		Volume
	Apply blood		Temperature
	ERROR		Speaking

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Chapter 1: Understanding Your Meter

The EasyMax V Blood Glucose Meter

Display-

Shows results, messages, and results stored in memory.



Left (←) Button-

Press to enter memory, adjust setting, and scroll through results.

Test Strip Slot-

Insert test strip here.

Battery Door-

Flip open the battery door by pushing the tab in the direction of the arrow and pulling the door up.

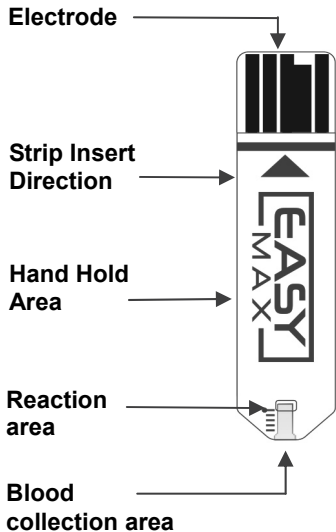
Right (→) Button-

Press to turn the meter on, confirm setting, and scroll through results.

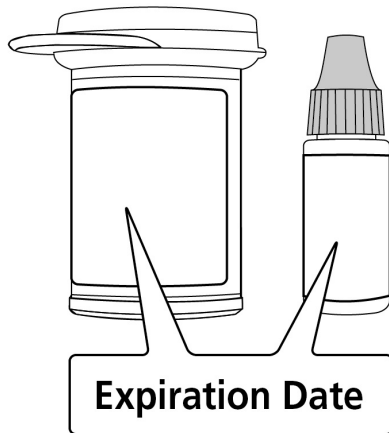


The EasyMax Blood Glucose Test Strip and Accessories

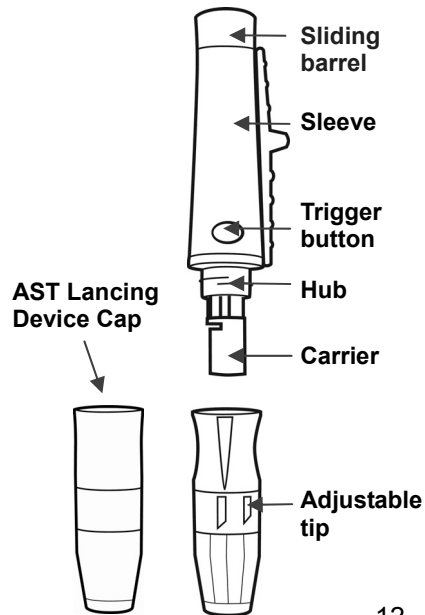
Blood Glucose Test Strip



Test Strip Bottle Control Solution Bottle



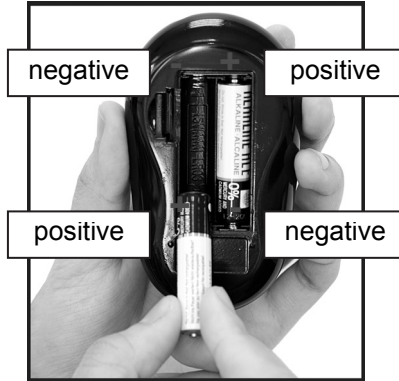
Lancing Device




Inserting Batteries



1. Open the battery door on the back of the meter by pushing the tab in the direction of the arrow and pulling the door up.



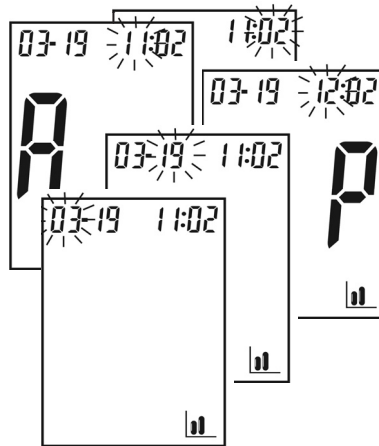
2 Insert two batteries. You will hear opening music. 



3. Put the battery door back in place and snap it closed.

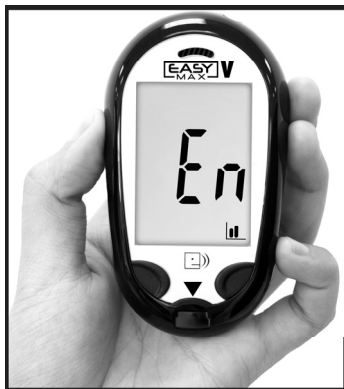
Setting the Time and Date


Setting the current time and date in your meter is important if you intend to use the meter memory or if you want to download your results to a computer.

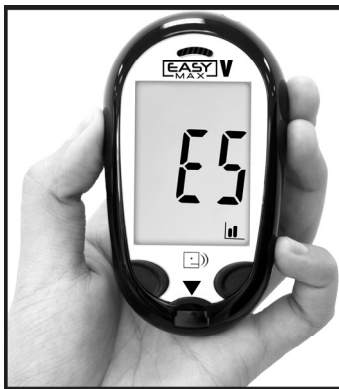



1. Press →(Right Button) to turn the meter on. The meter will greet you. ☺☺
2. Press the right button again and the last 2-digits of the year will be flashing at the top of the display.
3. Press ←(Left Button) to adjust the year and press →(Right Button) to confirm the setting.
4. Repeat step 2 and 3 to set the date and time. The flashing field is the one you are currently setting. (A=AM, P=PM)

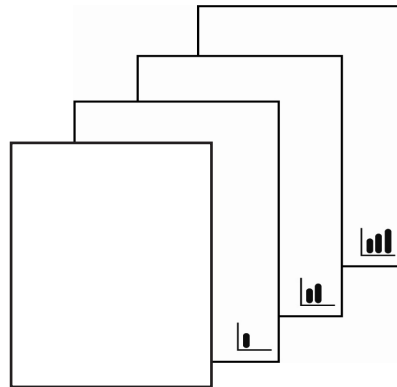
Setting the Language and Volume - First Time Use





1. Press ←(Left Button) to adjust the language. 
(En= English, Es = Spanish)



2. And press →(Right Button) to confirm the setting. 



3. Press ←(Left Button) to adjust the volume and press →(Right Button) to confirm the setting. (Volume from mute mode to 3 levels). 


Note:

The unit of Blood Glucose Meter is set at mg/dL without any modification function.

Using EasyMax Blood Glucose Test Strip

- Use only with an EasyMax V Blood Glucose Meter.
- Run a control solution test every time you open a new box of test strips (See Chapter 2 "Control Solution Testing").
- Keep the test strips in their original bottle.
- After you take a test strip out, immediately close the bottle tightly.
- Use the test strip within three minutes after you take it out of the bottle.
- The strip is for single use only. Do not reuse it.
- Record the date you open the test strip bottle. Be sure to check the "Expiration date" on the test strip bottle. The test strip is good for three months from the date the bottle is opened or until the expiration date on the bottle, whichever comes first.
- Store the test strip bottle and your meter in a cool dry place.
- Store the test strips between 36°F - 86°F (2°C - 30°C). Do not freeze.
- Do not apply blood or control solution to the test strip until you insert it into the meter.
- Do not touch the test strip with wet hands. Do not bend, cut, or twist the test strips.

Chapter 2: Control Solution Testing

Why Run a Control Solution Test?

We recommend that you run a control solution test because it lets you know that your meter and test strips are working properly to give you reliable results. You should run a control solution test when:

- You use the **EasyMax V** Blood Glucose Meter for the first time.
- You open a new bottle of test strips.
- You think the meter or test strips may be working incorrectly.
- You drop the meter.
- You have repeated a test and the test results are still lower or higher than expected.
- You are practicing the test procedure.

Note:

Professional users are instructed to follow federal, state, and local guidelines.

About EasyMax Control Solution

- Use only with **EasyMax** test strips.
- Write the date you opened the bottle on the bottle label. The control solution is good for three months from the date the bottle is opened or until the expiration date on the bottle, whichever comes first.
- Do not use a control solution that is past the expiration date.
- The control solution can stain clothing. If you spill it, wash your clothes with soap and water.
- Close the bottle tightly after every use.
- Left over control solution should not be added back into the control bottle.
- Store the bottle of control solution at room temperature between 36°F - 86°F (2°C- 30°C). Do not freeze.

Note:




Don't drip Control Solution to the entry of the test strip directly. The reagent on test strip might be drawn into the bottle of Control Solution to cause the degeneration of Control Solution as well as might contaminate the meter via the test strip.


Running a Control Solution Test

Please use EasyMax Control Solution with EasyMax V SMBG under Control Solution Mode.



1. Put a test strip into the meter in the direction of the arrow on the test strip.

2. The meter turns on automatically and the icons of  and  appear. 

3. Click  (Left Button) to get into "Ctl" mode.

4. Place the meter on a flat surface, like a table.

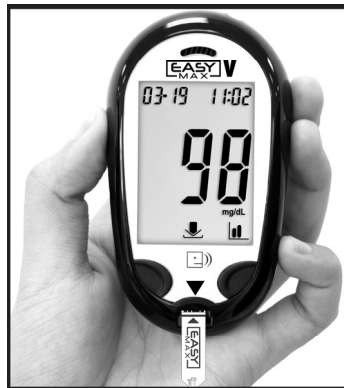
5. Remove the control solution bottle cap and wipe the tip of the bottle with a tissue.

6. Squeeze the bottle until a tiny drop forms at the tip of the cap.

Control Solution Test Continued



7. Touch the drop of Control Solution to the tip of the test strip.
8. The meter starts to count down from 5 seconds and then will show the result. ☐»



9. Do not remove the test strip yet. Check if the reading falls within the range printed on the test strip bottle.



10. Remove the test strip and throw it away after you have compared the reading to the range printed on the test strip bottle. ☐»

Understanding Control Solution Test Results

The label on your test strip bottle shows the acceptable ranges for the Control Solution. The result you get should be inside this range. Make sure you compare the result to the correct level of control.

When the control solution result is inside the range on the test strip bottle, your test strips and your meter are working properly.

If your control solution result is not inside the acceptable range (printed on your test strip bottle), here are some things you can do to solve the problem:

Troubleshooting Checks

Action

- | | |
|--|--|
| ✓ Was the test strip exposed to open air for a long period of time? | Repeat the control test with properly stored strips. |
| ✓ Was the test strip bottle capped tightly? | This will humidify strips inside. Replace the test strips. |
| ✓ Was the meter functioning well? | You can use control solution to verify the meter's functions. (Chapter 2) |
| ✓ Is the control solution expired or contaminated? | Replace with new control solution to check the performance of SMBG system. |
| ✓ Were test strips and control solutions stored in cool, dry places? | Repeat the control test with properly stored strips or control solutions. |
| ✓ Did you follow the testing steps properly? | Read Chapter 2 "Control Solution Testing" and test again. Stop using the meter if you continue to obtain the inaccurate results. Call Consumer Services Toll-Free: 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM-6:00PM). During non-service hours, please contact your healthcare provider. |

Chapter 3: Testing Your Blood Glucose

Using the Lancing Device

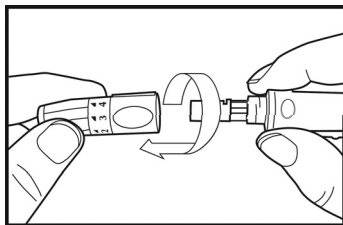
- The best depth setting is the lowest number that draws enough blood for a test. Try different settings to find the one that is right for you.
- Please do not share your lancing device with anyone. And always use a new, sterile lancet. Lancets are for one time use only.

Note:

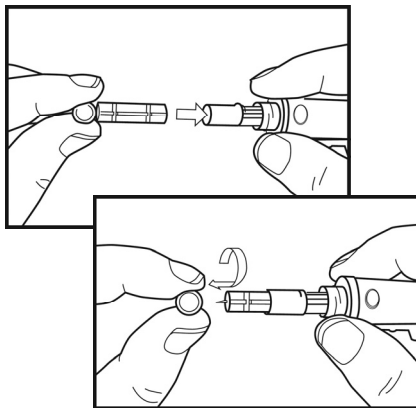
Used test strips and lancets are considered bio-hazardous waste in accordance with local regulations and should be handled as if capable of transmitting infection. You may discuss methods for disposing of used test strips and lancets with your doctor.

Inserting a Lancet into a Lancing Device

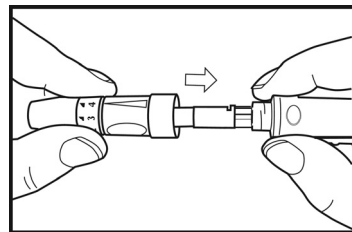
You must first load the lancet into the lancing device to get it ready for use.



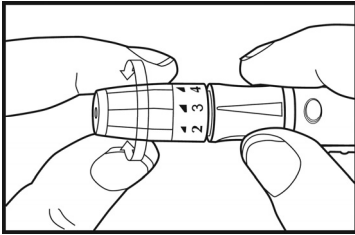
1. Unscrew the Cap.



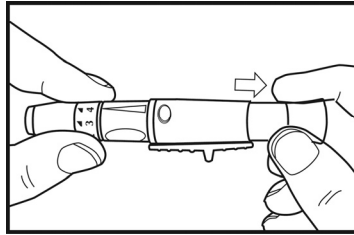
2. Insert the lancet into the lancing device firmly then twist off the protective cover.



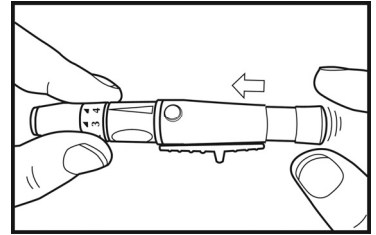
3. Recap the front cap.



4. Select the desired penetration depth.



5. Pull on the sliding barrel of the lancing device until it clicks and then release. Now the lancing device is ready. Do not prick your finger until your meter and strip are prepared.



6. Set the lancing device aside until later in the test.

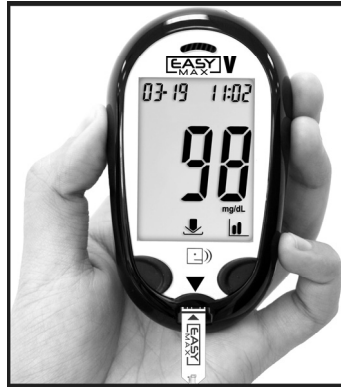
Note:





Select 1-2 for soft or thin skin, 3-4 for average, and 5-6 for thick or calloused skin.

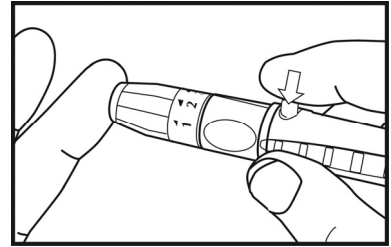
Running a Blood Glucose Test with Blood from Your Fingertip



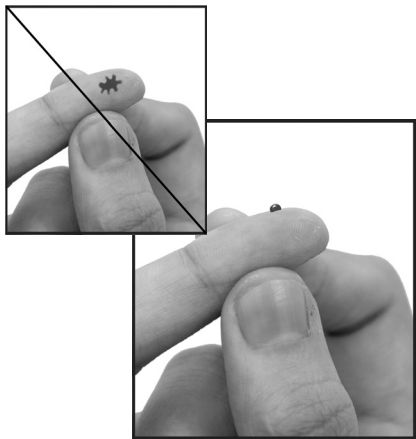
1. Wash your hands with soap and warm water.
Rinse and dry thoroughly.



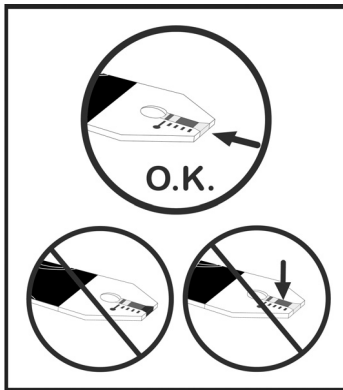
2. Put a test strip into the meter in the direction of the arrow. The meter turns on automatically. The icons  and  will appear. 
3. When the blood drop flashes on the display, the meter will speak the instructions. 



4. Using the lancing device. Hold the lancing device firmly against the side of your finger. Press the trigger button. Then remove the lancing device from your finger.




5. Gently squeeze and/or massage your fingertip until a round drop of blood forms on your fingertip.



6. Touch the blood drop at the tip of the transparent window of the test strip. Do not put blood on top of the strip. Be sure to get enough blood in the strip's confirmation window. Otherwise, an inaccurate reading may result.



7. The meter starts to count down from 5 seconds and will speak the results. 

8. Remove the test strip and the meter turns off automatically.

Alternate Site Testing (AST)

Understanding Alternate Site Testing

What is AST?

Besides the fingertip, you can test the palm or forearm.

What is the advantage of AST?

You have the option of testing other places on your body besides the fingertip.

Consult your health care professional before you begin using the palm or forearm for testing. Blood glucose test results obtained from your palm and forearm may differ significantly from fingertip samples.

We strongly recommend that you:

USE AST only in the following intervals:

- In a pre-meal or fasting state (more than 2 hours since the last meal).
- Two hours or more after taking insulin.
- Two hours or more after exercise.

Do NOT use AST if:

- You think your blood glucose is low.
- You are unaware of hypoglycemia.
- Your AST results do not match the way you feel.
- You are testing for hyperglycemia.
- Your routine glucose results are often fluctuating.

Fingertip test is recommended:

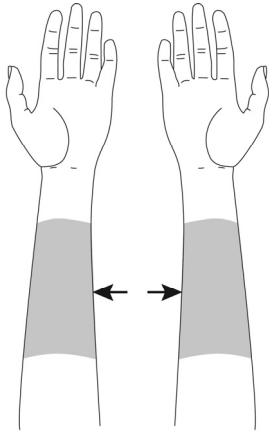
- If sick
- If blood glucose is low
- After exercising
- Two hours or less after eating
- When you have just taken insulin
- When basal insulin is most active
- If the blood glucose test result from the alternate site test does not match how you feel, do a fingertip test to confirm the result again.
- If you often do not notice when your blood glucose is low, do a fingertip test.

Caution:

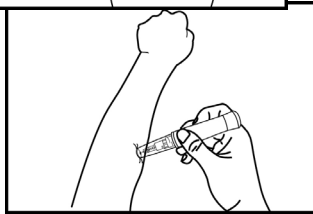
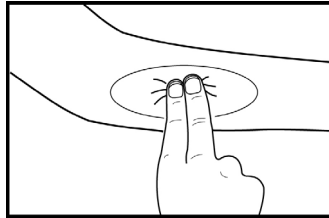
- Talk with your healthcare professional before you test palm or forearm.
- Do NOT ignore symptoms of high or low blood glucose.
- Fingertip samples are able to show the rapid change of glucose faster than forearm and palm samples.
- Do NOT change your treatment just because of a result.

Running a Blood Glucose Test with Blood from Your Forearm

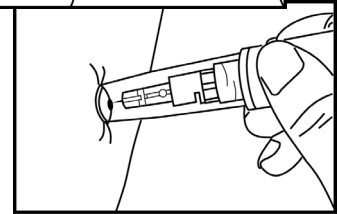
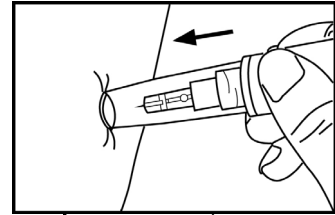
Please use a clear cap with the lancing device for Alternate Site Testing.



1. This graphic shows where the meter cleared for alternate site testing.

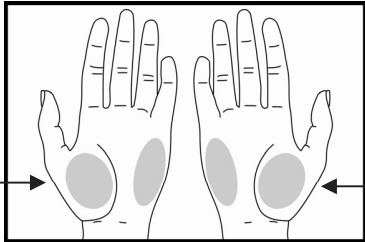


2. Massage the puncture area of forearm for a few seconds.
3. Press and hold the device with a clear adjustable tip against the forearm.

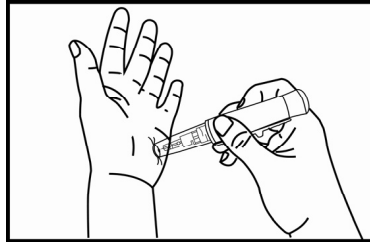


4. Press the trigger button to activate the lancing device.
5. Hold the device against forearm and increase pressure until the blood sample size is sufficient.

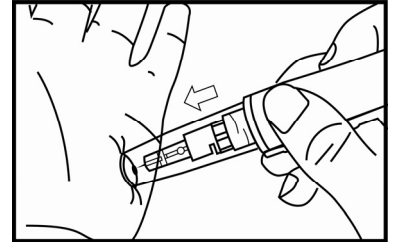
Running A Blood Glucose Test With Blood From Your Palm



1. Massage the puncture area of palm for a few seconds.



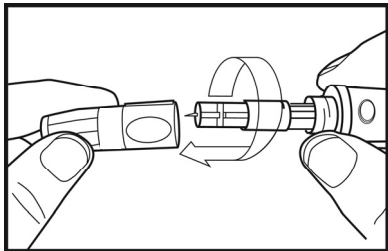
2. Press and hold the device with one clear adjustable tip against the palm.



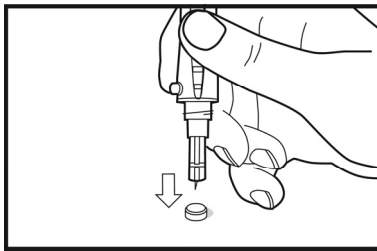
3. Press the trigger button to activate the lancing device.
4. Hold the device against palm and increase pressure until the blood sample size is sufficient.

Note: Check with your healthcare professional before test other sites than fingertip.

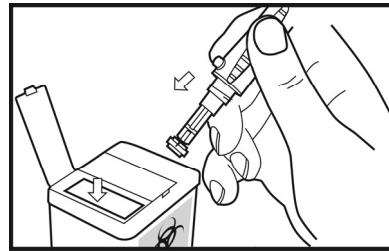
Discarding Used Lancets



1. Unscrew and remove the adjustable cap.



2. Without touching the used lancet, stick the lancet tip into its protective cover. Grip the lancet carrier firmly and pull the lancet safely out.



3. Please discard used disposable lancets according to the recommendations of your healthcare professional. Or discard the used disposable lancet into an appropriate sharps or biohazard container.

Understanding Your Test Results

The **EasyMax** Blood Glucose test strips are plasma referenced and calibrated for easier comparison to lab results. The American Diabetes Association recommends a post-meal glucose level of less than 140 mg/dL and a pre-meal glucose of less than 100 mg/dL*.

*American Diabetes Association: Diagnosis and Classification of Diabetes Mellitus m(Position Statement).
Diabetes Care 34 (Supp. 1) S66, 2011.

Unusual Test Results

If your test result does not match the way you feel, please follow these steps:

1. Run a control solution test, Chapter 2 "Control Solution Testing."
2. Repeat a blood glucose test, Chapter 3 "Testing Your Blood Glucose."
3. If your test results still do not reflect the way you feel, call your doctor immediately.

Note:

1. **Extremely high humidity may affect the test results. A relative humidity greater than 90% may cause inaccurate results.**
2. **Hematocrit below 30% may cause higher results. Hematocrit above 55% may cause lower results.**

Symptoms of High or Low Blood Glucose

Being aware of the symptoms of high or low blood glucose can help you understand your test results and decide what to do if they seem unusual. Here are the most common symptoms:

Greater than 240 mg/dL

What It Means:

The test result is higher than reference normal range. (70-130 mg/dL)

Symptoms:

Fatigue, increased appetite or thirst, frequent urination, blurred vision, headache, general aching, or vomiting.

What to Do:

- If you are experiencing any of these symptoms, test your blood glucose.
- If the result displayed is greater than 240 mg/dL and you have symptoms of high blood glucose, contact your healthcare professional immediately.
- If the result does not match how you feel, follow the steps under "Unusual Test Results."

Below 60 mg/dL

What It Means:

The test result is lower than reference normal range. (70-130 mg/dL)

Symptoms:

Sweating, trembling, blurred vision, rapid heartbeat, tingling, or numbness around mouth or fingertips.

What to Do:

- If you are experiencing any of these symptoms, test your blood glucose.
- If the result displayed is below 60 mg/dL and you have symptoms of low blood glucose, contact your healthcare professional immediately.
- If the result does not match how you feel, follow the steps under "Unusual Test Results."

Comparing Your Meter Result To A Lab Result

A common question is how the blood glucose results on your meter compare to the lab results. Your blood glucose can change quickly, especially after eating, taking medication, or exercising. If you test yourself in the morning, then go to the doctor's office for a blood glucose test. The results will probably not match, even if you are fasting. This is typically not a problem with your meter, it just means that time has elapsed and your blood glucose has changed.

If you want to compare your meter result to the lab result, you must be fasting. Bring your meter to the doctor's office, and test yourself by fingertip within five minutes of having blood drawn from your arm by a healthcare professional. Keep in mind that the lab could use different technology than **EasyMax V** blood glucose meter, and that blood glucose meters for self testing generally read somewhat lower or higher than the lab result.

For accuracy and precision data and for important information on limitations, see the instructions that come with your test strips.

Chapter 4: Meter Memory, Setup

Memory, Storing Test Results

Your meter stores a maximum of 480 test results with the time and date of the test. You can review them at any time. When the memory is full, the oldest result is dropped as the newest is added, so it is very important to have the correct time and date set in the meter.

Meter Setup

Using the Set Mode

By using the set mode, you can personalize your meter to suit your needs. Here are the features you can customize:

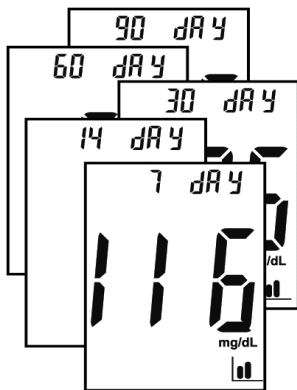
Time and Date —	to set the time and date (see Chapter 1).
Language —	to set the language (see Chapter 1).
Volume —	to set the volume (see Chapter 1)


Note:

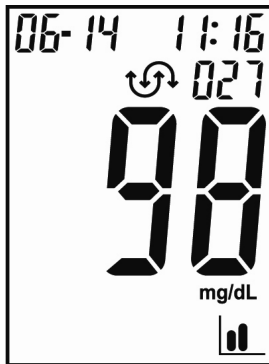
1. **Do not change your therapy based on one individual result in memory.**
2. **The memory is not lost when you replace the battery. You do need to check that the time and date are still correct. See Section "Setting the time and date" in Chapter 1.**
3. **Once 480 results are in memory, adding a new result causes the oldest one to be deleted.**
4. **Control Solution values will be included in the memory and averages. Refer to the section "Viewing & Deleting Test Results" to delete the control solution values before averaging your test results.**

Viewing & Deleting Test Results

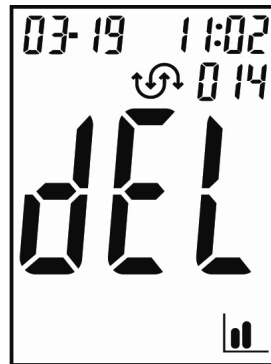
The meter provides 7, 14, 30, 60 and 90 days averaging to help track your blood glucose trend.



1. Press → (Right Button) until turning the meter on. 
2. Press ← (Left Button) to view averages for 7/14/30/60/90 days.



3. Press the ← (Left Button) to view the last test result.

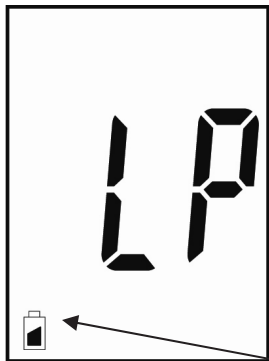


4. To delete a test result, press ← (Left Button) for more than 3 seconds and display shows "dEL".
5. Press ← (Left Button) to keep reviewing the results.
6. Press → (Right Button) to go back to averages for 7/14/30/60/90 days.

Note: Press → for 3 seconds to turn off the meter, or the meter turns off automatically in 90 seconds.

Chapter 5: Maintenance and Troubleshooting

Inserting Batteries



The meter uses two alkaline 1.5V (AAA) batteries. Other types of 1.5V (AAA) batteries are also acceptable, but the capacity of test times may differ. Install the batteries when you first use the meter or replace with new batteries when the "LP" (low power) message and the low battery symbol appear on the display.

The meter will not turn on the first time batteries are installed.

Please press and hold "→" (Right Button) or insert the test strip to turn your meter on.

The meter will turn off automatically. Or you can press and hold "→" (Right Button) to turn your meter off.

Low battery symbol

Note:

1. The meter will not delete earlier records after you replace batteries.
2. You should reset the time and date again after you replace the batteries.
3. 1.5V (AAA) x 2 batteries are available at most stores. You may take the old batteries with you for replacement.
4. Remove batteries when you will not be using the meter for one month or more.

Cleaning Your Meter

Caring for your **EasyMax V** SMBG system does not require special cleaning. Please keep the meter free of dirt, dust, bloodstain, and water stains. Follow these guidelines carefully to help you get the best performance possible:

Do:

- Make sure the meter is turned off.
- Gently wipe the meter's surface with a soft cloth slightly dampened.

Do Not:

- Get any moisture in the test strip slot.
- Spray any cleaning solution directly onto the meter.
- Put the meter under water or liquid.
- Pour liquid into the meter.

Maintenance and Testing



Your meter needs little or no maintenance with normal use. It automatically tests its own systems every time you turn it on and lets you know if something is wrong. (See "Screen Messages" and what to do about them.)

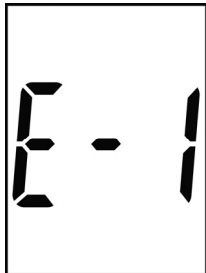
To make sure the display is working properly, turn off the meter. Press and hold "→" (Right Button) to see the complete display. All the indicators should be clear and look exactly like the picture to the left. If not, call the Customer Service Center toll-free: 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM~6:00PM). During non-service hours, please contact your healthcare provider.

Cleaning Your Lancing Device

- To clean the lancing device, wipe with a soft cloth dampened with water and mild detergent. **DO NOT** place the entire device under water.
- To disinfect the cap after cleaning, place it in 70%-75% rubbing alcohol for 10 minutes at least once a week. Allow the cap to air-dry after disinfecting.

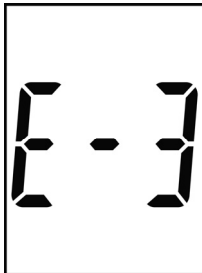
Screen Messages and Troubleshooting

Never make treatment decisions based on an error message. If you have any concerns, please call customer service toll-free at 866-994-3345, or your current dealer.



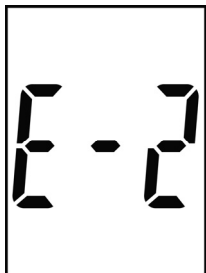
System error

Action: Remove and re-install the batteries first. If **E-1** appears again, please call Customer Service toll-free **866-994-3345**.



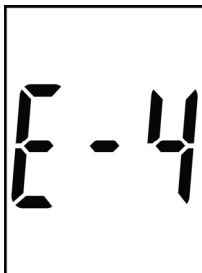
Humidified/Used strips

Action: Replace with a new strip. ☹️» Refer to pages **26-31** for further information.



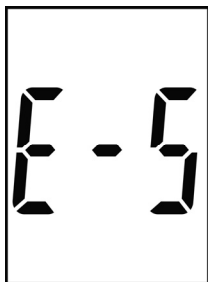
Volume detector error

The volume of blood or control solution is NOT enough.
Action: Replace with a new strip. If **E-2** appears again, please call Customer Service toll-free **866-994-3345**.



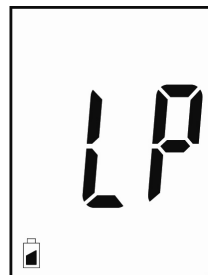
Backup and recovery setting

Action: Remove and re-install the batteries first. If **E-4** appears again, please call Customer Service toll-free **866-994-3345**.



Memory error

Action: Replace the batteries first. If **E-5** appears again, please call Customer Service toll-free **866-994-3345**.



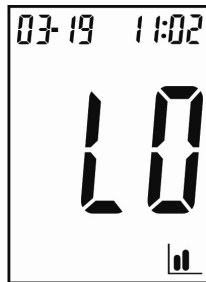
Low power

Action: Replace with new batteries. 



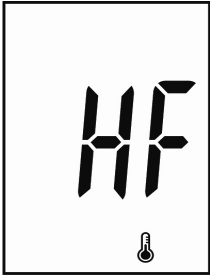
Test result is higher than 600 mg/dL.

Action: Test again. If the result is still the same, try a control solution test and if the control solution test falls within the correct range, please contact your healthcare provider.



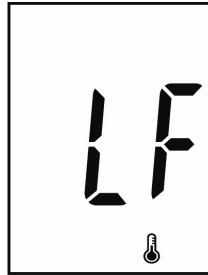
The test result is lower than 20 mg/dL.

Action: Test again. If the result is still the same, try a control solution test and if the control solution test falls within the correct range, please contact your healthcare provider.



The "HF" and thermometer icon appears. Temperature is too high, outside the required range of 50°F - 104°F (10°C - 40°C). This alerts users that an incorrect result may occur if the test continues.

Action: Relocate the meter to a location with temperature between 50°F - 104°F (10°C - 40°C).



The "LF" and thermometer icon appears. Temperature is too low, outside the required range of 50°F - 104°F (10°C - 40°C). This alerts users that an incorrect result may occur if the test continues.

Action: Relocate the meter to a location with temperature between 50°F - 104°F (10°C - 40°C).

Chapter 6: Technical Information

Specifications

Brand name	EasyMax V Blood Glucose Meter	
Range	20 - 600 mg/dL	
Test time	5 seconds	
Memory sets	480 test results	
Operating condition	Temp.	50°F - 104°F (10°C - 40°C)
	Relative Humidity	R.H. ≤ 90%
Storage and transportation condition	Temp.	39°F ~104°F (4°C ~40°C)
	Relative Humidity	R.H. ≤ 90%
Blood sample	0.6 µL	
	Fresh blood from fingertip, palm or forearm	
Hematocrit (Hct)	30-55%	
Power	2 Alkaline 1.5V (AAA)	
Display dimension	1.57" x 1.30" (40.0 × 33.0 mm)	
Device dimension H × W × D (mm)	3.6" x 2.1" x 0.8" (92.9 × 54 × 21.65 mm)	
Weight	1.48 oz (42.04 grams) w/o batteries	
Principles	Electrochemical biosensor technology	

Limitations

The test strips are used for fresh capillary whole blood samples.

1. DO NOT use neonate blood sample.
2. Extreme humidity may affect the results. A relative humidity greater than 90% may cause incorrect results.
3. The system should be used at a temperature between 50°F - 104°F (10°C - 40°C). Outside this range, the system may get incorrect results.
4. DO NOT reuse the test strips. The test strips are for single use only.
5. Hematocrit: The hematocrits between 30% and 55% will not significantly affect the results. Hematocrit below 30% may cause higher results. Hematocrit above 55% may cause lower results. If you do not know your hematocrit level, please consult with your healthcare professional.
6. Altitude up to 10,000 feet above sea level has no effect on readings.

Healthcare Professionals – Please note these additional Limitations

1. Patients undergoing oxygen therapy may have inaccurate results.
2. If the patient has the following conditions, the result may fail:
 - ◆ Severe dehydration
 - ◆ Severe hypotension (low blood pressure)
 - ◆ Shock
 - ◆ A state of hyperglycemic-hyperosmolar state (with or without ketosis)

3. Lipemic samples: Cholesterol level up to 500 mg/dL and triglycerides up to 3,000 mg/dL do not affect the results. Grossly lipemic patient samples have not been tested and are not recommended for testing with **EasyMax V** Glucose Meter.
4. Critically ill patients should not be tested with home-use blood glucose meters.
5. Interfering Substances depend on the concentration. The chart below shows substances and the test concentration amount that will not affect the blood glucose results.

Interfering Substance	Test Concentration mg/dL	Bias at 50±5 mg/dL	% Bias at 250±5 mg/dL	% Bias at 500±5 mg/dL
Acetaminophen	8	10.2	6.5	3.8
Ascorbic Acid	2.5	11.8	-6.8	5.3
Dopamine	2	4.3	12.9	6.3
Gentisic Acid	6	7.8	2.8	-4.3
L-Dopa	2	3.8	-1.2	-1.8
Methyldopa	2	5.2	-2.3	4.1
Uric Acid	13	7.6	3.9	3.8

Device Information

EasyMax V Blood Glucose Meter,
EasyMax Blood Glucose Test Strips,
EasyMax Normal Control Solution,
EasyMax High Control Solution,
EasyMax Low Control Solution.

Manufacturer:

EPS Bio Technology Corp.
No.8, R&D RD III, Hsinchu Science Park, Hsinchu, Taiwan 30077

Warranty

EPS warrants the original purchaser for a period of 3 years from the date of purchase. This means during the warranty period if your Self-Monitoring Blood Glucose System does not work for any reason (other than obvious abuse), EPS will replace it with a new system or an equivalent product free of charge.

P/N. 718041302_1070_01

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