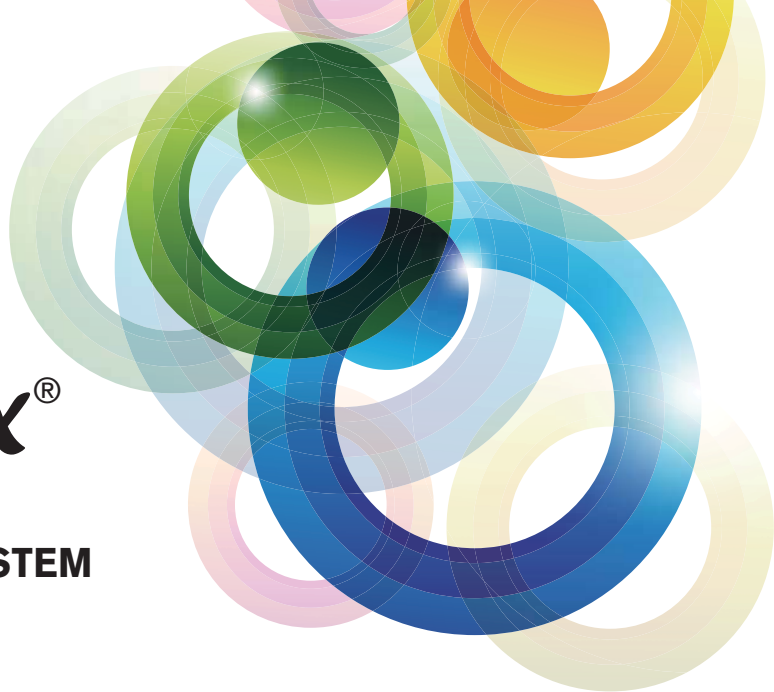# EASY**MAX**®

SELF-MONITORING
BLOOD GLUCOSE SYSTEM

USER'S MANUAL

EASYMax V^2

Self-Monitoring Blood Glucose System

User's Manual

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

Dear EasyMax V^2 SMBG System Owner,

Thank you for using the EasyMax V^2 Self-Monitoring 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 direction to use the EasyMax V^2 Self-Monitoring Blood Glucose System.

Thanks again for choosing the EasyMax V^2 SMBG.

Intended Use

The EasyMax V^2 Self Monitoring Blood Glucose Test System is intended for the quantitative measurement of glucose in fresh capillary whole blood from fingertip, 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 a single patient with diabetes and should not be shared, as an aid to monitor the effectiveness of diabetes control. The system is not to be used on neonates, nor for the diagnosis of, or screening for diabetes mellitus. Alternate site testing can be only used during steady-state blood glucose conditions.

Important Safety Instructions

Lancets and meters are for single use only. A new, sterile lancet should be used one time you perform a test. The lancing device, lancets and meter are NOT to be shared between users or other family members. Do NOT use on multiple individuals.   Sharing a lancing device and lancets may transmit bloodborne pathogens, such as viral hepatitis.

All parts of the kit are considered biohazardous and may transmit infection, even if you have performed cleaning and disinfection. Wash hands thoroughly with soap and water after handling the meter or lancing device.

For further information, please see: *"FDA Public Health Notification: Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens: Initial Communication"* (2010) http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm224025.

"CDC Clinical Reminder: Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens" (2010) http://www.cdc.gov/injectionsafety/Fingerstick-DevicesBGM.html.

Standard Accessories (Full Kit)

Your new EasyMax V^2 Blood Glucose meter and accessories work together to measure the amount of glucose in your blood. The system includes:

- **EasyMax V^2 Blood Glucose Meter**
- **EasyMax Test Strip (10 ct.)**
- **Carrying Case**
- **Alkaline Battery (2 ct.)**
- Lancet (5 ct.)
- **Lancing Device**

- **AST Lancing Device Cap**
- **User's Manual**
- **Test Strip Instructions**
- Log Book
- **Normal Control Solution**
- **Control Solution Instructions**

Optional Accessories

- **High Control Solution**
- **Low Control Solution**

Note:
1. **Normal control solution is included with the system.**
2. **High/Low control solution is available. For purchase, 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.**

Standard Accessories (Meter Only)

Your new EasyMax V^2 Blood Glucose meter and accessories work together to measure the amount of glucose in your blood. The system includes:

- **EasyMax V^2 Blood Glucose Meter**
- **Carrying Case**
- **Alkaline Battery (2 ct.)**
- **User's Manual**
- **Log Book**

Optional Accessories

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

Note:
1. **High, Normal and Low control solutions are available. For purchase, 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.**

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 the 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^2 SMBG System is easy to use, you may need to consult with 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^2 blood glucose meter is designed and approved for testing fresh capillary whole blood samples from your fingertip, palm and forearm. The meter is for in vitro use ONLY (for testing outside the body). It should not be used to diagnose diabetes.

- EasyMax V^2 blood glucose meter can only be used with EasyMax Blood Glucose Test Strips. Other test strips will give inaccurate results.

- Testing is not valid for neonatal blood specimens.

- Do not disassemble the meter as this may cause damage to the components resulting in incorrect readings. 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 and 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.

- Incorrect results may occur when performing the test. If your glucose results do not match how you feel, please contact your healthcare professional immediately.

- Remove batteries if the meter will not be used for one month or more.

- Consult with your healthcare professional before testing on your palm or forearm.

Note:

- 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.
- Up to the altitude of 10,000 feet has 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, contact your Healthcare Professional or physician immediately. If you have questions regarding the use of the meter, 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.
- Please read your test strip instructions carefully for additional health-related information.

88:88	Date	🍎	Before Meal (AC)
88:88	Time	🍎	After Meal (PC)
88.8	Result	🔇	Mute
888	Record/Average display	🔊	Volume
CS	Control Solution	⬇	Insert strip
En	English	🌡	Temperature
ES	Español	❌	Error
A	AM	M	Memory
P	PM	⬤	Apply Blood
12	12hr	mg/dL	Unit
🔋	Battery		

Note: When ⧁🎵 shows up in any section of user's manual, the meter will sound and tell you the instructions.

Description of Sound

WHEN the meter will speak	WHAT the meter will say
Meter has been turned on.	Power on and greeting music.
Setting the meter.	Please run the setting. English (En) / Espańol (ES).
Setting Volume.	Please set the volume.
Setting Year.	Please set the year.
Setting Date.	Please set the date.
Setting Time.	Please set the time.
Meter is ready to insert test strips.	Please insert a test strip.
Before applying blood to the meter.	Please flag the test. Before meal, please confirm. After meal, please confirm. Control solution, please confirm.
When the meter is ready to apply blood.	Please apply blood into the strip.
Blood Glucose test is complete and the result is shown on screen.	Blood glucose is (number) milligram per deciliter.
Humidified / Used strips.	Humidified or used strips. Please replace with a new strip.
Low Power.	Low power. Please replace with new batteries.
System error.	System error.

WHEN the meter will speak	WHAT the meter will say
Blood Glucose test result is ABOVE the measurement range of 600 mg/dL.	Unable to measure. Test result is higher than 600 milligram per deciliter. Please test again and if you get the same result, please contact your healthcare professional immediately.
Blood Glucose test result is BELOW the measurement range of 20 mg/dL.	Unable to measure. Test result is lower than 20 milligram per deciliter. Please test again and if you get the same result, please contact your healthcare professional immediately.
Press C button to delete a memory.	Please confirm the deletion.
Memory was deleted.	Memory deleted.
Memory mode.	(7/14/30/60/90) day average is (number) milligram per deciliter.
If the blood is not enough.	Insufficient blood. Please try with a new strip.
Temperature is too high and it may affect the test results.	Temperature is too high.
Temperature is too low and it may affect the test results.	Temperature is too low.
Turn off the meter.	Goodbye and power-off music.

Note:
■ **There is no speaking function for "Viewing & Deleting Test Results" in the Chapter 4.**

Table of Content

Chapter 1: Understanding Your Meter

The EasyMax V² Blood Glucose Meter

Display-
Shows results, messages, and results stored in memory.

Power Button-
Press to confirm the setting.

M Button-
Press to enter 7/14/30/60/90 memory, adjust setting, and scroll through results.

Test Strip Slot-
A light shows you the direction. Insert test strip here.

EASY**Max** V²

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

C Button-
Press to enter memories, adjust setting, and scroll through results.

The EasyMax V^2 Accessories

Blood Glucose Test Strip
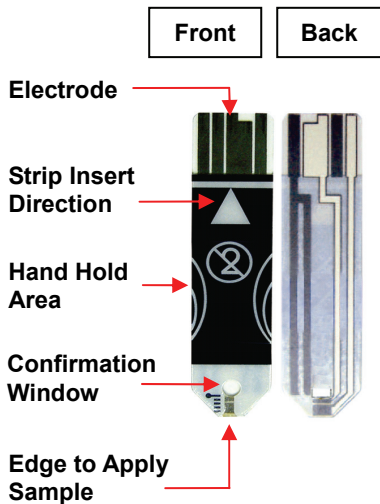
Test Strip Bottle
Control Solution Bottle

Lancing Device

Front	Back

Electrode

Strip Insert Direction

Hand Hold Area

Confirmation Window

Edge to Apply Sample

033112803
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Control Level - Range

28~58	mg/dL
85~113	mg/dL
304~413	mg/dL

EASYMax
NORMAL Glucose
Control Solution

2010-07
035091201N

Expiration Date

Sliding barrel

Sleeve

Trigger button

Hub

Carrier

AST Lancing Device Cap

Adjustable tip
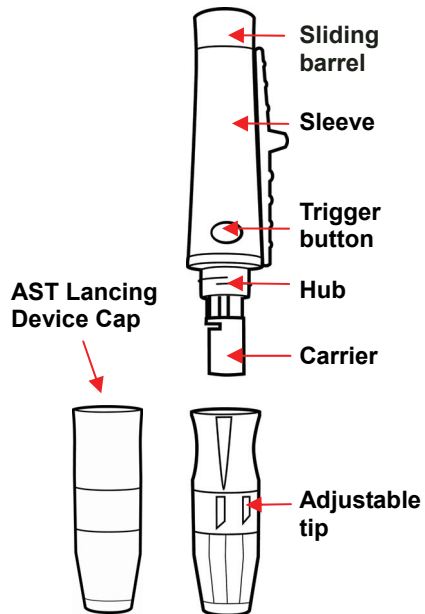
Installing Batteries

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 greeting music.

3. Put the battery door back in place and snap it closed.
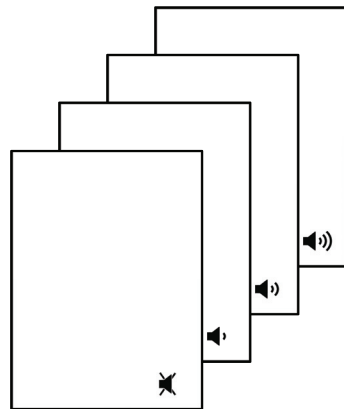
Setting The Language And Volume—First Time Use

1. Insert new batteries, the meter turns on. Press M button to select En or press C button to select ES. (En= English, ES = Espańol) (3))

2. And press power button to confirm the setting. (3))

3. Repeat step 1 and 2 to set the volume. (3))

Note: 1. The default language of the blood glucose meter is set in English.
2. The unit of blood glucose meter is set at mg/dL.

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Setting The Time And Date—First Time Use

Setting the current time and date in your meter is important if you intend to use the meter memory.
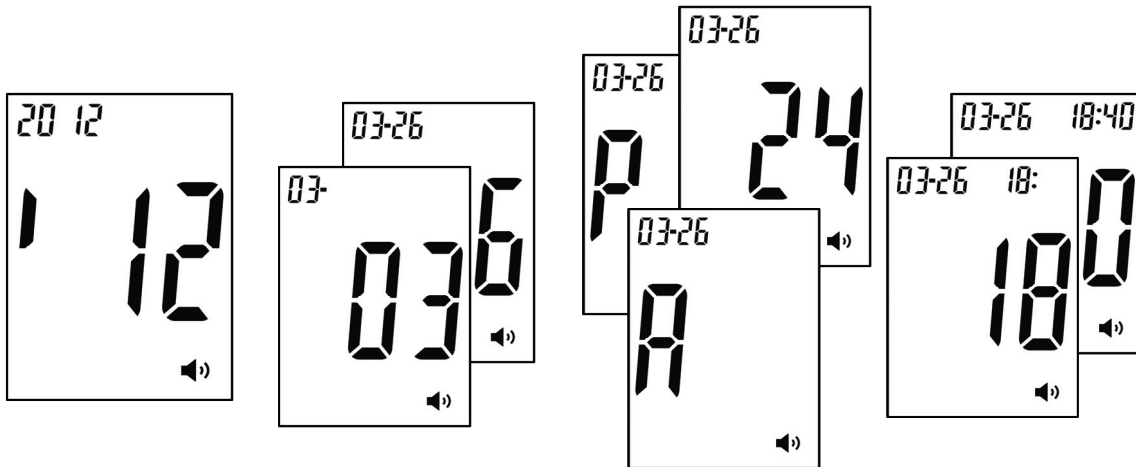
1. Press M button and C button to set the year. Press power button to confirm the setting.

2. Repeat step 1 to set the date.

3. Repeat step 1 to select P, A or 24 mode and then set the time. (P=PM, A=AM, 24=24hr mode.)

Using EasyMax Blood Glucose Test Strip

- Use only with **EasyMax** Blood Glucose Meters.

- 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, close the bottle immediately and make sure it has been closed tightly. This keeps the test strips dry.

- 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 35.6°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.

- EasyMax Self-Monitoring Blood Glucose Test System is a "no code" system and does not require any meter calibration.

Chapter 2: Control Solution Testing

Why Run A Control Solution Test

We recommend that you run **EasyMax** Control Solution Tests. Such test will let you know that your meter and test strips are working properly to give reliable results. You should run the control solution tests when:

- You use the **EasyMax V^2** 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 out of the range displayed on the bottle.
- You are practicing the test procedure.

About Control Solution

- Use only with **EasyMax** test strips.

- Write the date you open 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 2°C- 30°C (35.6°F - 86°F). Do not freeze.

- If you would like to purchase **EasyMax** Control Solution(s)**,** please contact your local dealer.

Running A Control Solution Test

You need the meter, a test strip, and control solution.
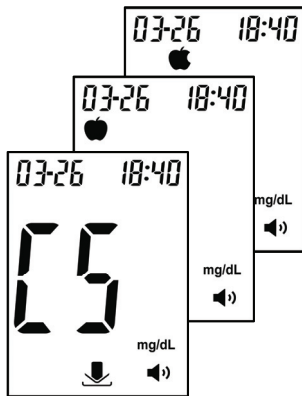
1. Put a test strip into the meter in the direction of the arrow.

2. The meter turns on.
Press M button or C button to select CS, press power button to confirm the control solution mode.
(CS means control solution mode, ● means before meal mode and 🍎 means after meal.)

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

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

5. Squeeze the bottle until a tiny drop forms at the tip of the bottle and place solution on top of bottle cap.

Note: Setting the meter in control solution mode will prevent the control solution reading from being added to your memory and averages.

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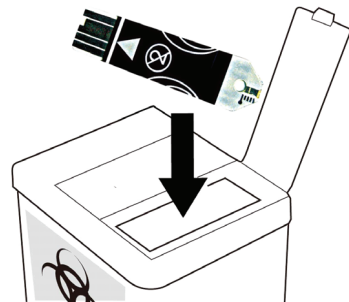
6. Touch the drop on the bottle to cap the tip of the test strip.

7. The meter starts to count down from 5 seconds and then will display result.

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

9. Press power button to repeat the test result. Or you can also press C button or M button to set the volume before repeating the result.

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

11. Please check if the result on the display is the same as audible result.

Note: **Be aware that there are normal, high and low ranges listed on your test strip bottle. The normal, high and low refer to the three different control solutions that are available. Please be sure that you are looking at the correct range.**

Understanding Solution Test Results

The label on your test strip bottle shows the acceptable ranges for the Control Solutions – normal, high, and low. The result you get should be inside the acceptable range for the appropriate control solution level. Make sure you compare the result to the correct level of control.

When the control 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:

Note:
If you don't set "CtL" mode, 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.

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.
✓ Does test strip cap close tightly? Or was test strip cap left open?	If the cap was not tight, or the bottle was left uncapped, open a new bottle of test strips. Do not reuse the strips from the affected bottle.
✓ Is the meter functioning well?	If not, 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 and/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 inaccurate results. Please contact the EasyMax Customer Care Service line at 866-994-3345 for further troubleshooting.

Chapter 3: Testing Your Blood Glucose
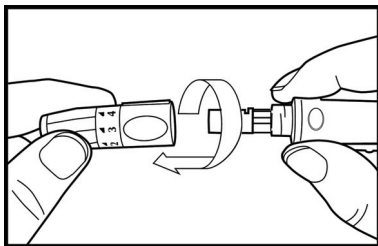
Using the Lancing Device

- The best depth setting is the lowest setting that draws enough blood for a test. Try different settings to find the one that's 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.

- If the meter and lancing device are being operated by a second person who is providing testing assistance to the user, the meter and lancing device should be disinfected prior to use by the second person. For the disinfection instruction, please refer to Chapter 5: Maintenance And Troubleshooting "Cleaning and disinfecting your meter and supplies".
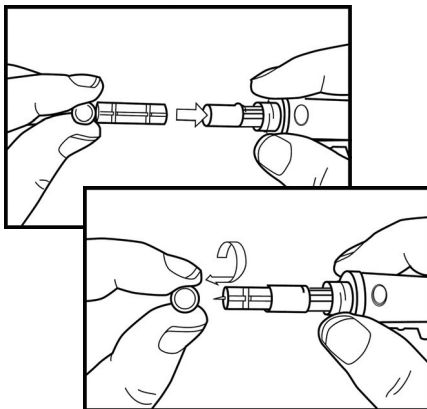
Note:
Used test strips and lancets are considered bio-hazardous waste in accordance with U.S. local regulations and should be handled as if capable of transmitting infection. The users may discuss methods for disposing used test strips and lancets with their doctor.
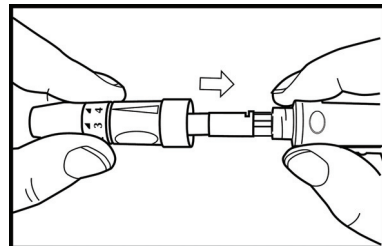
Inserting a Lancet Into The Lancing Device

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

1. Unscrew the Cap.
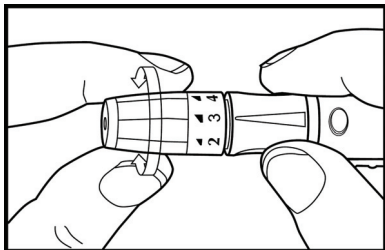
2. Insert the lancet into the lancing device firmly then twist off the protective cover.
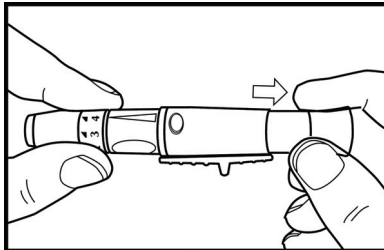
3. Recap the front cap.

Note:
Lancets are for single use only and a new, sterile lancet should be used each time you perform a test.

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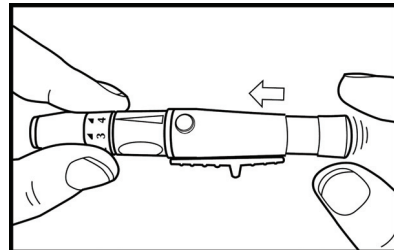
6. Set the lancing device aside until later in the test.

Note: 1. Select 1-2 for soft or thin skin, 3-4 for average, and 5-6 for thick or calloused skin.
2. Lancing device and lancets are not to be shared between users. Sharing lancing devices and lancets may transmit bloodborne pathogens, such as viral hepatitis.

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. Press M button or C button to select ● / 🍎 mode and press power button to confirm the setting.

3. When the blood drop flashes on the display, the meter will speak the instruction.

4. Place the lancing device against the pad of your finger. Press the trigger button to activate the lancing device.
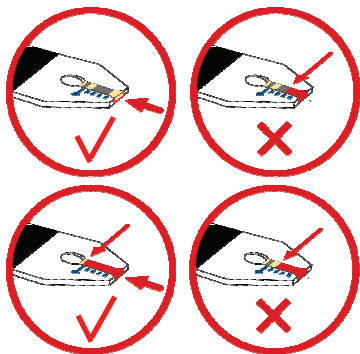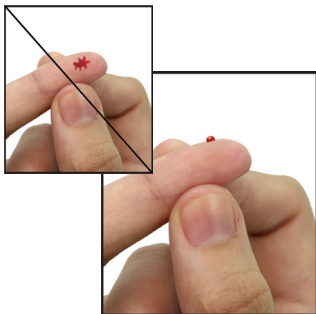
5. Gently squeeze and/or massage your fingertip until a round drop of blood on your fingertip.

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 on the strip's reaction zone. Otherwise, an inaccurate reading may result.

7. The meter starts to count down from 5 seconds and speaks the result.

8. Press power button to repeat the test result. Or you can also press C button or M button to set the volume before repeating the result.

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

10. Wash hands thoroughly with soap and water after handling the meter, lancing device and test strips.

Note: **1. Please make sure to apply blood when the blood drop appears on the display.**
       2. Please check if the result on the display is the same as audible result.

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 or forearm may differ significantly from fingertip samples.

We strongly recommend that you:

Do 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 only:
- If sick
- If blood glucose is low
- After exercising
- Two hours or less after eating
- When basal insulin is most active
- After injecting rapid-acting insulin (two hours or less)

What NOT to do:

- 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.
- Do NOT change your treatment just because of an alternate site result, do a fingertip test to confirm the result.
- If you do not often 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 samples.
- Measurements from alternate site testing should never be used to calibrate a continuous glucose monitor (CGM) or entered into insulin dose calculators for insulin dosing recommendations.

Running A Blood Glucose Test With Blood From Your Forearm

Please use the clear cap with the lancing device for AST testing
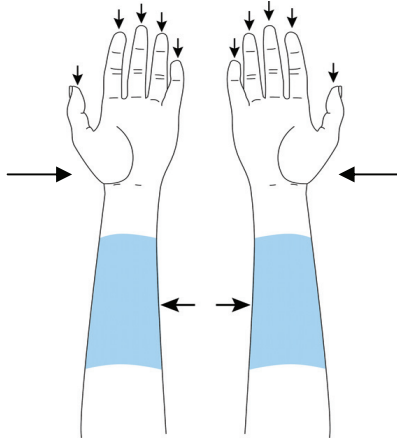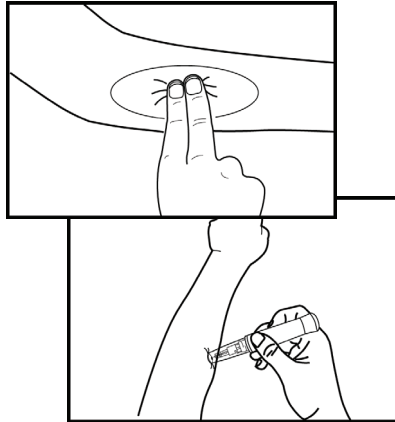

1. This graphic shows where the meter cleared for alternate site testing (palm, forearm).

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.
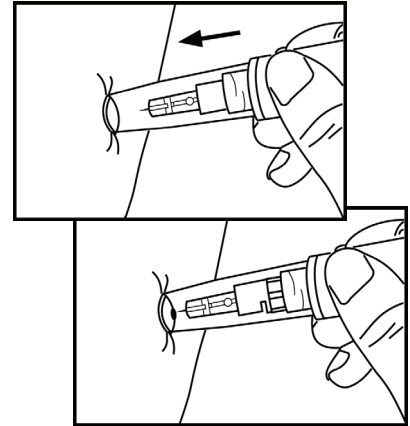
5. Press the trigger button to activate the lancing device.

6. 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
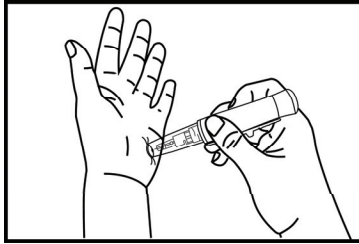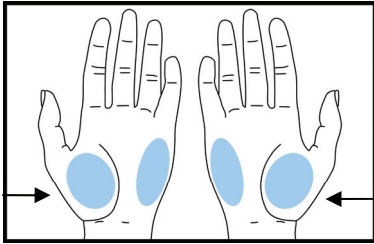
1. Massage the puncture area of palm for a few seconds.

2. Press and hold the device with a 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
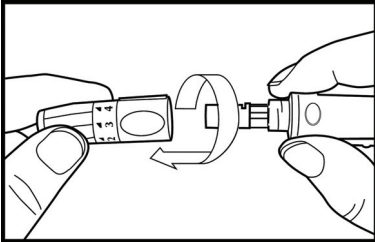
1. Unscrew and remove the cap.

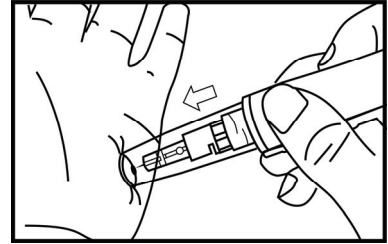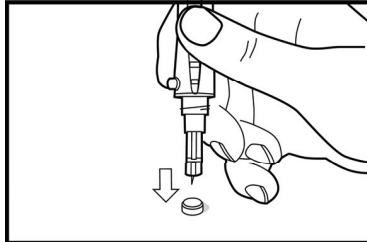**2.** Without touching the used lancet, stick the lancet tip into its protective cover. Grip the lancet carrier firmly and pull the lancet safely out.
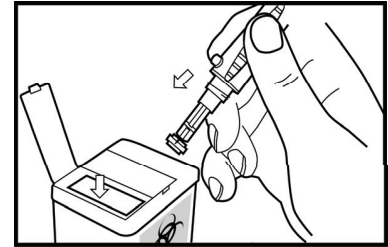
3. Please discard used disposable lancets according to the recommendations of your healthcare professional. Or discard the used disposable lancet into an appropriate sharps or biohazard container.

4. After discarding, wash hands thoroughly with soap and water. Rinse and dry thoroughly.

Expected Values*

The EasyMax Blood Glucose test strips are whole-blood referenced and calibrated for easier comparison to lab results. The American Diabetes Association recommends a post-meal glucose level of less than 180 mg/dL and a pre-meal glucose of 70–130 mg/dL*.

Unusual Test Results

If your test result doesn't 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 don't reflect the way you feel, call your doctor immediately.

* Reference: American Diabetes Association. Standards of medical care in diabetes-Table 10. Diabetes care. 2011; Vol. 34, Suppl 1, S21.

Note:
1. **Extremely high humidity may affect the test results. A relative humidity above 90% may cause inaccurate results.**
2. **Hematocrit below 30% may cause higher results. Hematocrit above 55% may cause lower 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^2 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. **If you don't set "CtL" mode, 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.
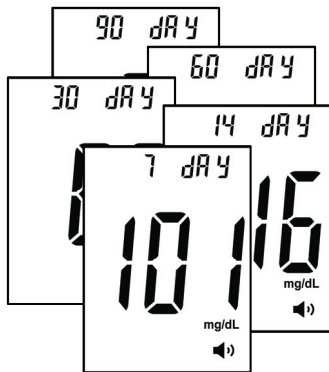
1. Press power button to turn on the meter.

2. Press M button to view averages for 7/14/30/60/90 days.

Note:
1. Press power button for 1 second and the meter will repeat the test results.
2. Press power button for 3 seconds to turn off the meter or the meter turns off automatically in 90 seconds.

3. Press C button to view individual test result.

4. To delete a test result, press C button for more than 3 seconds and display shows "dEL". Then press power button to confirm the deletion.

5. Press C button to keep reviewing the results.

6. Press M button to go back to averages for 7/14/30/60/90 days.

Chapter 5: Maintenance and Troubleshooting

Installing Batteries
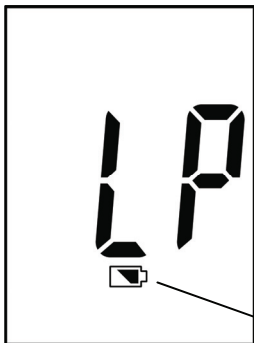
The meter uses two alkaline 1.5V (AAA) batteries. Batteries will normally last for more than 2000 tests. Other types of 1.5V (AAA) batteries are also acceptable, but the capacity of test times may differ. Install the batteries when you first use the meter or replace with new batteries when the "LP" (low 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 power button or insert the test strip to turn your meter on.
The meter will turn off automatically. Or you can press and hold power button to turn your meter off.

→ Low battery symbol

Note:
1. **The meter won't delete earlier records after you replace batteries.**
2. **You should reset the time and date again after you replace the batteries. See Section "Setting the time and date" in Chapter 1.**
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 And Disinfecting Your Meter And Lancing Device

Cleaning And Disinfection Instruction

Please keep the meter and lancing device free of dirt, dust, bloodstain, and water stains. EasyMax V^2 blood glucose meter and lancing device should be used only on one patient and not shared. Follow these guidelines carefully to clean your meter

Cleaning Instruction: All blood and other body fluids must be thoroughly cleaned from surfaces and objects before disinfection by the germicidal wipe. Open, unfold and use first germicidal wipe to remove heavy soil after every use.

Disinfection Instruction: Unfold a clean wipe and thoroughly wet all the surface of the meter, including the strip port and other connection port. Unfold a clean wipe and thoroughly wet all the surface of the lancing device, including cap or AST cap if used. Treated area must remain visibly wet for a full 2 minutes. Use additional wipe(s) if needed to assure continuous 2 minute wet contact time. Let the devices air dry for 30 seconds. Disinfect at least once a week.

Do:
- Make sure the meter is turned off during cleaning and disinfection.
- Keep the test strip vial tightly closed when performing the cleaning and disinfection procedures because the fumes from the disinfectant may affect the performance of the strip.
- After cleaning or disinfection, please perform the physical appearance and performance check of devices.
- Consult cleaning instruction of single use damp cloth.

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.

Meter cleaning area

Code	Name	Possibility of contact with blood
A	Case	Medium
B	Battery Cover	Low
C	Screen Cover	High
D	Button	High
E	Strip Slot	High
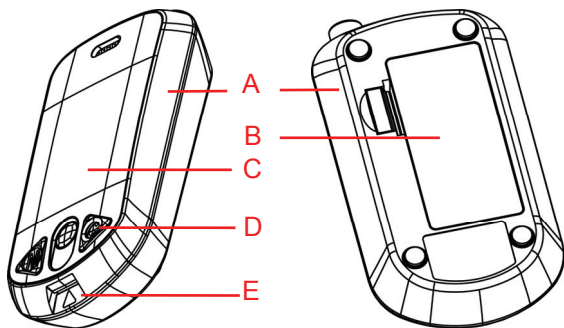
Lancing device cleaning area

Code	Name	Possibility of contact with blood
A	Lancet holder	High
B	Trigger button	High
C	Body	High
D	Sliding barrel	High
E	Cap	High
F	Depth adjust ring	High
G	AST Cap	High
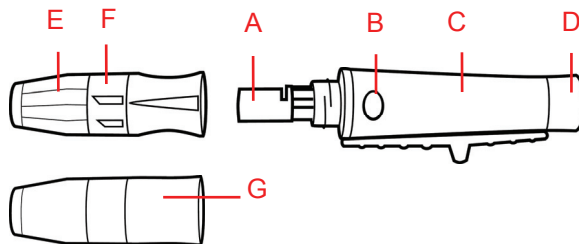
1-1. Physical Appearance check of the meter after each cleaning or disinfection

Check item	Accept Result
Is the display/screen clear?	Yes
Is there NO erosion on the strip slot or other parts?	Yes
Is the labeling on the meter legible?	Yes
Action: If any of the results are "No" the user should call the Customer Care Service toll-free at 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM~6:00PM) for assistance.	

1-2. Performance check of the meter

Steps	Check item	Accept Result
After each cleaning		
1. Press and hold power button for 3 sec.	Is meter powered on?	Yes
	Does meter beep?	Yes
2. Press and release C or M button.	Is the memory still stored correctly?	Yes
	Can you clearly read the result?	Yes

After each disinfection		
1. Insert test strip	Is meter powered on?	Yes
2. Apply control solution	Any reading?	Yes
	Is the reading within control range?	Yes
3. Remove test strip	Is meter powered off?	Yes
4. Press and hold power button for 3 sec.	Is meter powered on?	Yes
	Does meter beep?	Yes
5. Press and release C or M button.	Is it correctly stored in the memory?	Yes
	Does the result read clearly?	Yes
Action: If any of the results are "No", stop using the device. Please call the Customer Care Service toll-free at 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM~6:00PM) for replacement with a new meter.		

2-1. Physical Appearance check of the lancing device after each cleaning or disinfection

Check item	Accept Result
Is there NO erosion on any parts?	Yes
Action: If any of the results are "No" the user should call the Customer Care Service toll-free at 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM~6:00PM) for assistance.	

2-2. Performance check of the Lancing device

| Step	Check item	Accept Result
After each cleaning		
1.Cap the normal cap to the lancing device.	Can the cap be screwed on the lancing device?	Yes
2. Pull on the sliding barrel and then release.	Can the lancing device click?	Yes
3. Press trigger button.	Can the lancet be fired?	Yes
After each disinfection		
1. Install the lancet on the lancet holder.	Can the lancet be fixed on the lancet holder?	Yes
2. Cap the AST cap to the lancing device.	Can the AST cap be screwed on the lancing device?	Yes
3. Remove the AST cap. Recap the normal cap to the lancing device.	Can the cap be screwed on the lancing device?	Yes
	Can the penetration depth ring be adjusted?	Yes
4. Pull on the sliding barrel and then release.	Can the lancing device click?	Yes
5. Press trigger button.	Can the lancet be fired?	Yes
Action: If any of the results are "No", please call the Customer Care Service toll-free at 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM~6:00PM) for replacement with a new device.		

Cleaning And Disinfection Frequency

At least 14,600 validated cycles for the meter and lancing device were done and 10,000 cycles of cleaning and 4,600 cycles of disinfections were included. **4** cycles of cleaning per day and **1** cycle of disinfection per week allow the user to use the device for **4** years.

Cleaning Frequency : 4 cycles/day X 365 days/year X **4** year warranty = 5840 cycles of cleaning
<10,000 validated cycles of cleaning.

Disinfection Frequency: 1 cycle/week X 52 weeks/year X **4** year warranty = 208 cycles of cleaning
< 4,600 validated cycles of disinfection

4 year warranty for properly cleaning and disinfection. After 4 years, the meter must be replaced with a new meter.

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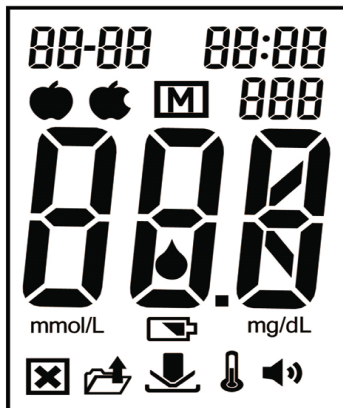
Your meter needs little or no maintenance with normal use. It automatically tests its own systems every time you turn it on and lets you know if something is wrong. (See "Screen Messages" and what to do about them.)

To make sure the display is working properly, turn off the meter. Press and hold power button to see the complete display. All the indicators should be clear and look exactly like the picture to the left. If not, 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 local dealer.
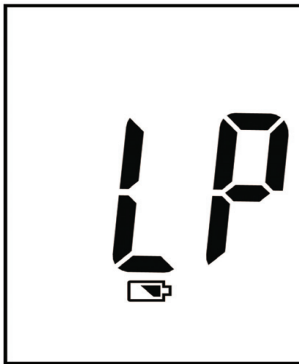
Screen Messages And Troubleshooting

Never make treatment decisions based on an error message. If you have any concerns, call the Customer Care Service toll-free at 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM~6:00PM).
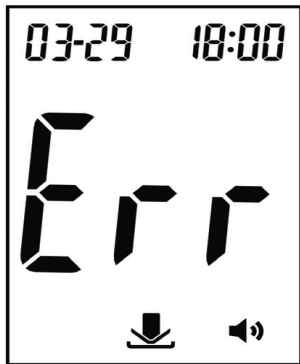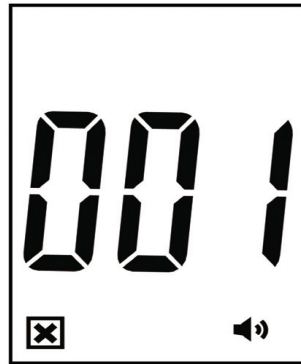

Humidified/Used strips
Action: Replace with a new strip.

Low power
Action: Replace with new batteries.

System fault
Action: Replace the batteries first. If **ERROR 001** appears again, 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 local dealer.
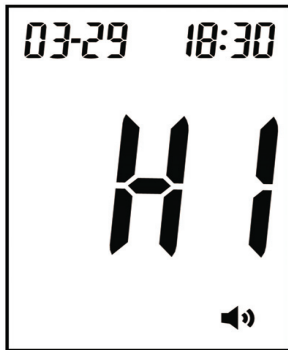
Memory fault
Action: Replace the batteries first. If **ERROR 005** appears again, please call the Customer Care Service toll-free at 866-994-3345 (Eastern Standard Time, Mon-Fri 8:00AM~6:00PM). During non-service hours, please contact your local dealer.


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 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.

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 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.
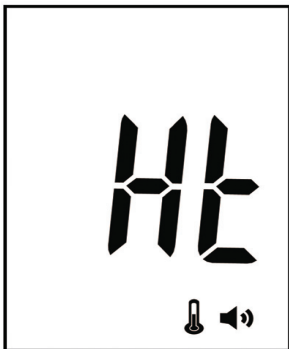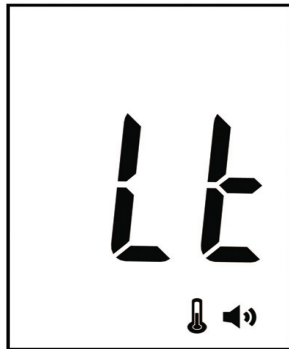
The "Ht" and thermometer icon appears. Temperature is too high, outside the required range of 50°F - 104°F (10°C - 40°C). This alerts users that an incorrect result may occur if the test continues. Action: Relocate the meter to a location with temperature between 50°F - 104°F (10°C - 40°C).

The "Lt" 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^2 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. $\leqq$ 90%
Blood sample		0.6 µL
		Fresh blood from fingertip, palm or forearm
Hematocrit (Hct)		30-55%
Power		2 Alkaline 1.5V (AAA)
Battery life		Over 2000 tests
Display dimension		46.0 × 33.0 mm
Device dimension H × W × D (mm)		92.2 x 49.7 x 23 mm
Weight		44.6 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. Not to be used for diagnosis or screening of diabetes.
3. Alternate site testing with this system can be used only during steady-state blood glucose conditions.
4. Measurements from alternate site testing should never be used to calibrate a continuous glucose monitor (CGM) or entered into insulin dose calculators for insulin dosing recommendations.
5. Extreme humidity may affect the results. A relative humidity greater than 90% may cause incorrect results.
6. The system should be used at a temperatures between 50°F and 104°F (10°C and 40°C). Outside this range, the system may get incorrect results.
7. DO NOT reuse the test strips. The test strips are for single use only.
8. Hematocrit: The hematocrit 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.
9. Up to the altitude of 10,000 feet has effect on readings.

10. The below substances up to the test concentration will not affect the test 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