Greater Goods B
Blood Glucose Monitor
Bluetooth BGM

Dear Greater Goods System User,

Thank you for choosing the Greater Goods B blood glucose monitoring system! Greater Goods B blood glucose monitoring system is designed for easy test of blood glucose and helps you keep blood glucose under control.

Read this user manual carefully before you use your meter system. This manual will help you to get comfortable using the Greater Goods B blood glucose monitoring system and get reliable test results. Please keep your User's Manual in a safe place; you may want to refer it in the future. Thank you again for choosing Greater Goods.

Intended Use and Principle

Greater Goods B blood glucose monitoring system is comprised of the Greater Goods B blood glucose meter (VGM04) and the Greater Goods B blood glucose test strips (VGS01). The Greater Goods B blood glucose monitoring system is intended to quantitatively measure the glucose concentration in fresh capillary whole blood samples drawn from the fingertips. It is intended for use by persons with diabetes at home as an aid to monitor the effectiveness of diabetes control. It is not intended for neonatal use or for the diagnosis of or screening for diabetes. This system is intended for self-testing outside the body (in *vitro* diagnostic use) and should only be used by a single person and should not be shared.

This meter is not intended for use in healthcare or assisted-use settings such as hospitals, physician offices, or long-term care facilities because it has not been cleared by FDA for use in these settings, including for routine assisted testing or as part of glycemic control procedures. Use of this meter on multiple patients may lead to transmission of Human Immunodeficiency Virus (HIV), Hepatitis C Virus (HCV), Hepatitis B Virus (HBV), or other bloodborne pathogens.

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CHAPTER 1: UNDERSTANDING YOUR TESTING TOOLS

Your Meter System Overview

The Greater Goods B blood glucose meter and Greater Goods B blood glucose test strip

Sample tip:

Where the blood is drawn in.

Electrocode end:

This end is inserted into the strip port on the meter, facing upwards, in the direction of the arrows.

Test strip port

Display

Button

Charging/Data port

Your Meter Display

The picture on the right shows all the symbols that appear on your meter display. Please make sure the display is working properly before testing. When the meter is off, press and hold ◎ to see the complete display. All display segments will appear. If you need more time to check the display, repeat the above operation. All of the segments should appear clearly and match the picture on the right. If not, please contact Greater Goods customer support at: 800.481.0233, Mon-Fri 8:00 AM CST-5:00 PM CST; info@greatergoods.com

Icon	What it Means
88-18	The top right area on the screen indicates the date.
88:88	The top left area on the screen indicates the time.
	Indicates empty battery or battery needs to be recharged
88.8	The center area on the display, this shows the test results or error codes.
	Indicates the system is ready to test.
C	Control test result.
mg/dL	Test results are displayed as mg/dL
	Bluetooth
	Data not transmitted
M	Memory

Notes:
Your Greater Goods B blood glucose meter is pre-set with beep sound function, the meter will beep when:

- You turn on the meter.
- The test strip is inserted and ready to apply blood or control solution.
- Sufficient blood or control solution is pulled into the test strip.
- The test is complete.
- It is time to perform a test if you set the test alarms.
- If any error occurs during operation.

Meter Use and Precautions

- The meter is preset to display blood glucose concentration in milligrams per deciliter (mg/dL) by default.
- Meter will shut off by itself after 2 minutes of inactivity.
- Do not get water or other liquids inside the meter.
- Keep the strip port area clean.
- Keep your meter dry. Avoid exposing it to extreme temperatures or humidity.
- Do not leave it in your car.
- Do not drop the meter or get it wet. If you do, check the meter by running a quality control test. Refer to Quality Control Test for instructions.
- Do not take the meter apart. This will void the warranty.
- Refer to the Caring for Your Meter section for details on cleaning the meter.
- Keep the meter and all associated parts out of reach of children.

Notes:

Follow proper precautions and all local regulations when disposing of the meter and used batteries.

Important Safety Information

- The meter is single patient use. Do not share with anyone including other family members! Do not use on multiple patients!
- Always keep the test strips in the original vial. Tightly close the vial immediately after you have removed the test strip.
- Do not use the meter if wet.
- Wash and dry your hands well before and after testing.
- Test strips and Safety lancets are for single use only.
- Do not drop blood directly on the flat surface of the test strip.
- Check the expiration dates and discard dates on your test strips vial label (or on the foil pouch) and the control solution bottle label.
- Use only Greater Goods B blood glucose test strips with your Greater Goods B blood glucose meters.
- Use only Greater Goods B control solutions with your Greater Goods B blood glucose meters and Greater Goods B blood glucose test strips.
- Please consult with your doctor before making any changes to your diet or exercise routine.
- If the system is used in a manner not specified by the manufacturer, the protection provided by the system can be impaired.

Potential Biohazard

All parts of the kit are considered biohazardous and can potentially transmit infectious diseases, even after you have performed cleaning and disinfection.

Notes:

- The meter and safety lancet are for single patient use. Do not share them with anyone including other family members! Do not use on multiple patients!
- All parts of the kit are considered biohazardous. They can potentially transmit infectious diseases from blood borne pathogens, even after you have performed cleaning and disinfection. Please follow proper precautions when handling your meter and safety lancet.
- For more information, please refer to the FDA Public Health Notification: "Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens: Initial Communication" (2010) at http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm224025.htm. You may also refer to the CDC Clinical Reminder: "Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens" (2010) at http://www.cdc.gov/injectionsafety/Fingerstick-DevicesBGM.html.

Limitations

- For single-patient use only.
- Very high (above 70%) and very low (below 20%) hematocrit levels can cause false results. Talk to your health care professional to find out your hematocrit level.
- If you are taking vitamin C (ascorbic acid in your blood > 3 mg/dL) then your glucose results using this meter may not be reliable.
- Patients receiving oxygen therapy may experience inaccurate results.
- Not for use on patients with critical illness.
- Not for use with patients who are in shock, severely dehydrated, or in a hyperosmolar stat.
- The Greater Goods B blood glucose monitoring system should not be used following xylose absorption procedures.
- Not for neonatal use.
- Not for screening or diagnosis of diabetes mellitus.
- Not for use in hypotensive individuals.
- Do not use at altitudes above 13123 ft (4,000 meters) above sea level.
- This meter is not intended for use in healthcare or assisted-use settings such as hospitals, physician offices, or long-term care facilities because it has not been cleared by FDA for use in these settings, including for routine assisted testing or as part of glycemic control procedures. Use of this meter on multiple patients may lead to transmission of Human Immunodeficiency Virus (HIV), Hepatitis C Virus (HCV), Hepatitis B Virus (HBV), or other bloodborne pathogens.

Notes:

The system is tested to accurately read the measurement of glucose in whole blood within the range of 20 to 600 mg/dL.

CHAPTER 2: SETTING UP YOUR SYSTEM

Before using your meter for the first time, make sure to set up your meter properly.

Set the Clock

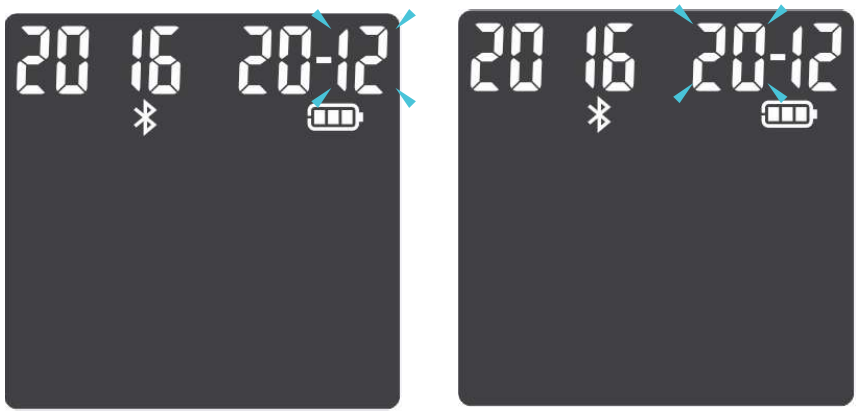
When the meter is off, press and hold ◎ until the meter beeps to enter the set up mode. Then set the clock for either 12 or 24 hour mode. Press ◎ to adjust it then press and hold ◎ to save your choice. Start setting the year, month and date.

Set the Date

The year will now flash. Press ◎ to adjust it then press and hold ◎ until the meter beeps to set, then it will shift to the next digit for setting. Repeat the above action until the year setting is completed.

The month will now flash. Press ◎ to adjust the month, press and hold ◎ until the meter beeps to set.

The date will now flash. Press ◎ to adjust the date, press and hold ◎ until the meter beeps to set, then it will shift to the next digit for setting. Repeat the above action until the year setting is completed.



Notes:
Before you first use your meter system for testing, please adjust the meter settings to set the date and time, ensuring that results stored in the memory are shown with the correct date and time.

Set the Time

If you select 12 hour mode, You could select “AM” or “PM” before setting the hour. Then the hour will now flash. Press ◎ to adjust the current hour, press and hold ◎ until the meter beeps to set, then it will shift to the next digit for setting. Repeat the above action until the hour setting is completed.

The minute will now flash. Press ◎ to adjust the minute, press and hold ◎ to set.

Set the Audio Feature

After you set the time, press ◎ to select “On” or “OFF”. Press and hold ◎ to set.

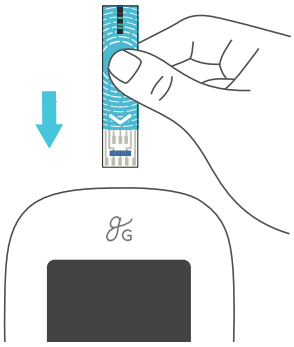
Now you have completed your meter set up. A symbol of a test strip appears letting you know the meter is ready to test.

CHAPTER 3: TAKING A TEST

Set up your meter correctly and have all the materials you will need ready before you begin testing. This includes your Greater Goods B blood glucose meter, the Greater Goods B blood glucose test strips and Greater Goods single use lancets.

Preparing the Test Strip

1. Wash and dry your hands well before testing.
2. Remove a test strip from the test strip vial (or the foil pouch). Tightly close the vial cap immediately after you have removed the test strip.
3. Insert the test strip into the meter in the direction of the arrows. Meter turns on after a beep.



4. A symbol with a test strip and a blood droplet will appear, letting you know the meter is ready to test.

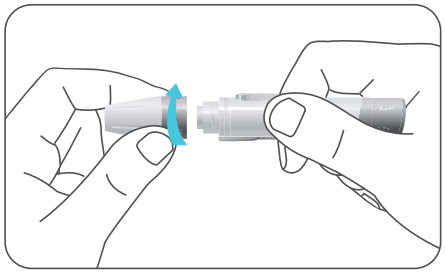
Notes:

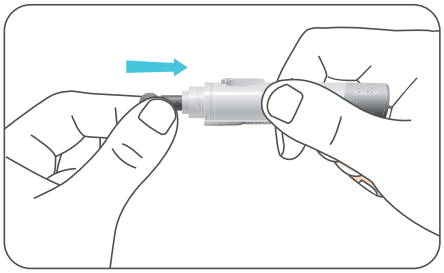
Check the expiration and discard dates on the test strip vial. All expiration dates are printed in Year-Month-Day format. 2023-01-01 indicates 1st, January, 2023. Your Greater Goods B blood glucose test strip have 4 months shelf life after you first open the test strip vial. Write the discard date on the vial label when you first open it. Make sure the test strip does not appear damaged. Prior to testing, wipe the test site with an alcohol swab or soapy water. Use warm water to wash hands to increase blood flow if necessary. Then dry your hands and the test site thoroughly. Make sure there is no cream or lotion on the test site.

Preparing the Lancing Device

For fingertip sampling, adjust the penetration depth to reduce discomfort.

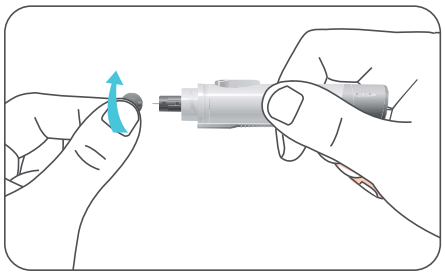
1. Unscrew the lancing device cap from the body of the lancing device. Insert a sterile lancet into the lancing device and push it until the lancet comes to a complete stop in the lancing device.



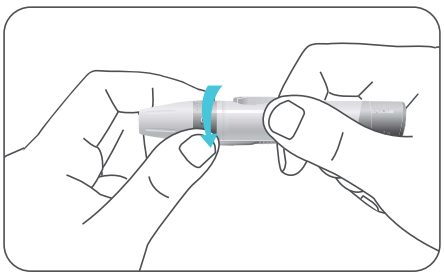


Note:
The Greater Goods lancing device uses **ONLY** Greater Goods single use lancets.

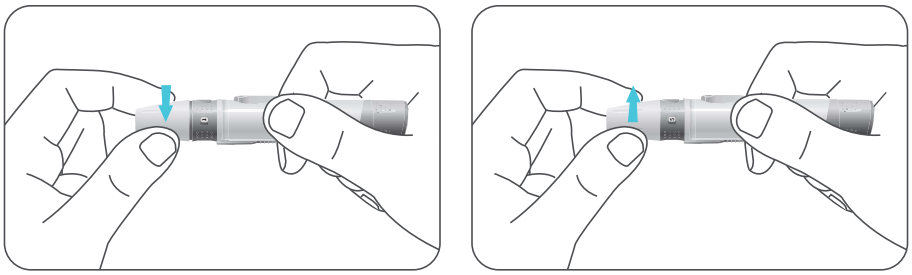
2. Hold the lancet firmly in the lancing device and twist the lancet cap of the lancet until it loosens, then pull the lancet cap off the lancet. Save the lancet cap for disposing the used lancet.



3. Carefully screw the device cap back onto the lancing device. Avoid contact with the exposed lancet. Make sure the cover is fully sealed on the lancing device.



4. Adjust the puncture depth by rotating the lancing device cover. There are 5 puncture depth settings. To reduce discomfort, use the lowest setting that still produces an adequate drop of blood.



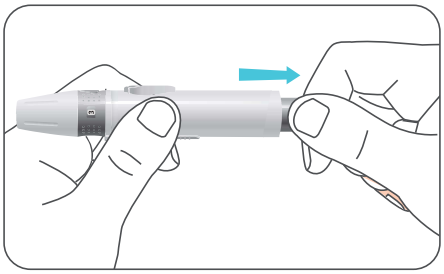
Adjustment:

1 for delicate skin
2 and 3 for normal skin
4 and 5 for calloused or thick skin

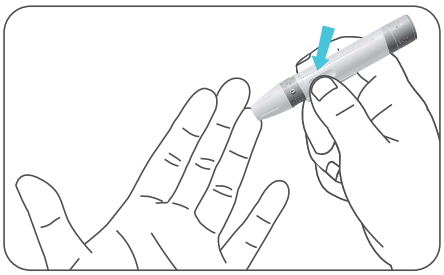
Note: Applying more pressure to the lancing device against the puncture site will also increase the depth of the puncture.

Getting a Blood Drop for Testing

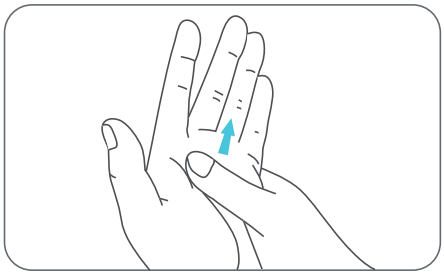
1. Pull the cocking barrel back to set the lancing device. You may hear a click to indicate the lancing device is now loaded and ready for obtaining a drop of blood.

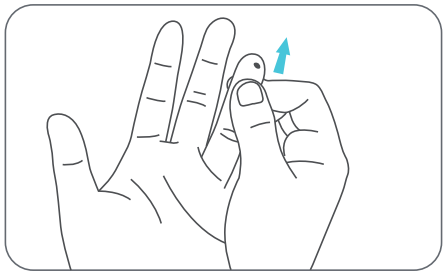


2. Hold the lancing device against the side of the finger to be lanced with the cover resting on the finger. Push the release button to prick your fingertip. You should hear a click as the lancing device activates.

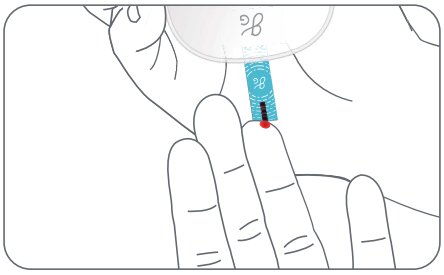


3. Remove the first drop of blood with a clean paper towel to ensure a more accurate result. Gently massage from the base of the finger to the tip of the finger to obtain the required blood volume (half the size of a match head). Avoid smearing the drop of blood. For the least amount of pain, lance on the side of the fingertip. Test immediately after a good blood drop has formed.





4. Immediately touch the tip of the test strip to the drop of blood. The blood will be pulled into the test strip through the tip. Make sure that the blood sample has fully filled the check window of the tip of the strip. Hold the tip of the test strip in the blood drop until the meter beeps.



Note: If the blood sample does not fill the check window, do not add a second drop. Discard the test strip and start over with a new test strip.

5. The meter counts down 5 seconds and your result appears on the display after a beep. The test result will automatically be stored in the meter memory. Please do not touch the test strip during the countdown as this may result in an error.

Discard the Used Test Strip

You can discard the used test strip by hand. The Meter turns off automatically after a beep.

Potential Biohazard

Dispose of the used test strips as medical waste.

Note:

- The meter and lancing device are for single patient use. Do not share them with anyone including other family members! Do not use on multiple patients!
- All parts of the kit are considered biohazardous. They can potentially transmit infectious diseases from blood borne pathogens, even after you have performed cleaning and disinfection. Please follow proper precautions when handling your meter and lancing device.

Warning:

- If your blood glucose reading is under 50 mg/dL or you see LO (less than 20 mg/dL) on the meter display, contact your health care professional as soon as possible.
- If your test result is above 250 mg/dL or you see HI (greater than 600 mg/dL) on the meter display, contact your health care professional as soon as possible.
- Please contact your physician before making medical changes based on your Greater Goods test results.

Glucose Reference Ranges:

Expected glucose values for people without diabetes:

Time of Day	Glucose Range
Fasting and before Meals	< 100 mg/dL
2 hours after meals	< 140 mg/dL

Source: American Diabetes Association (Standards of Medical Care in Diabetes – 2018. Diabetes Care, January 2018, vol. 41, Supplement 1, S13-S27).

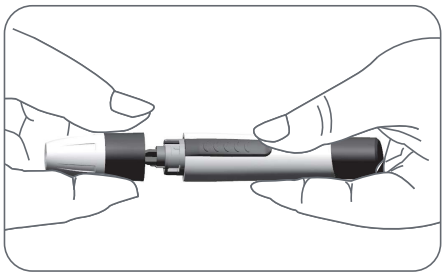
Questionable or Inconsistent Results:

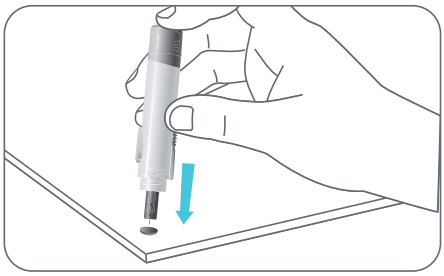
If your blood glucose result does not match how you feel, please:

- Check the expiration date and the discard date of the test strip. Make sure that the test strip vial has not been opened for more than 4 months.
- Confirm the temperature in which you are testing is between 41-113°F(5-45°C).
- Make sure that the test strip vial has been tightly capped.
- Make sure the test strip has been stored at 36-86°F, 10-90% humidity.
- Make sure the test strip was used immediately after removing from the test strip vial (or the foil pouch).
- Make sure that you followed the test procedure correctly.
- Perform a control solution test (See Performing a Control Test for instructions).
- After checking all of the conditions listed above, please repeat the test with a new test strip.
- If you are still unsure of the problem, please contact 800.481.0233, Mon-Fri 8:00 AM CST-5:00 PM CST; info@greatergoods.com. In case of emergency please contact your health care professional.

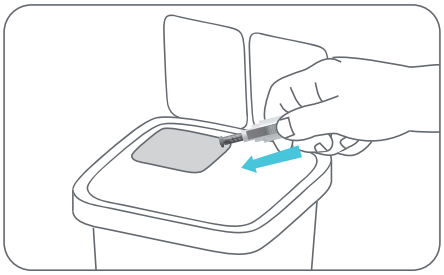
Removing the Used Lancet

1. Remove the lancing device cap and connecting collar. Place the lancet cap of the lancet on a hard surface and carefully insert the lancet needle into the lancet cap.





2. Press the release button to make sure that the lancet is in the extended position. Slide the ejection button forward to release the used lancet in an appropriate container. Do not use your fingers to pull the used lancet out to prevent injury from the lancet. Dispose of used lancets and follow local regulations for proper disposal to prevent injury from the lancets.



Potential Biohazard

Always dispose of the used lancet properly to prevent injury or contamination to others.

Caution:

- Do not use the lancet if the safety tab is missing or loose when you take the lancet out of the bag.
- Do not use the lancet if the needle is bent.
- Be cautious whenever the lancet needle is exposed.
- Never share lancets or the lancing device with other people to prevent possible infections.
- In order to reduce the risk of infection from prior use of the instrument, always use a new, sterile lancet. Do not reuse lancets.
- Avoid getting the lancing device or lancets dirty with hand lotion, oils, dirt or debris.

Testing with Control Solution

Why Perform Control Tests:
Performing a control test lets you know that your meter and test strips are working properly to give reliable test results. You should perform a control test:

- Once a week.
- When using or when opening a new vial of test strips.
- When you suspect that the meter and test strips are not working together properly.
- After cleaning and disinfecting your meter.
- You dropped the meter.
- Always perform a quality control test if you suspect your results are inaccurate or do not match how you are feeling.

About the Control Solutions

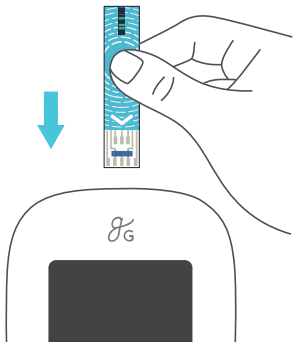
- Only use Greater Goods M control solutions (1,2, or 3) to test the system.
- Your meter automatically recognizes the control solution.
- Control solution results are not included in the average value calculation.
- Store the control solution at 36-86°F, 10-90% RH.
- All expiration dates are printed in Year-Month-Day format. 2023-01-01 indicates 1st January, 2023.
- Do not use control solution that is outside the expiration or discard date (the control solution will expire 6 months after the bottle is opened for the first time).
- Shake the bottle well before use.
- Close the bottle tightly after use.

Performing a Control Test

1. Remove test strip from the test strip vial (or the foil pouch). Tightly close the vial cap immediately after you have removed the test strip.

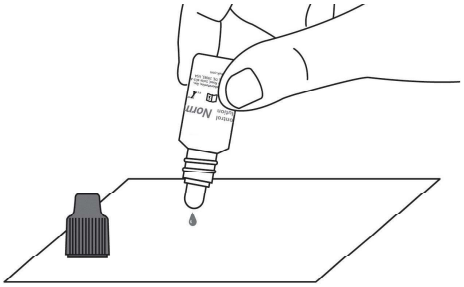
Notes: Check the expiration and discard dates of the test strips. Do not use the expired test strip

2. Insert a test strip into the meter in the direction of the arrows.



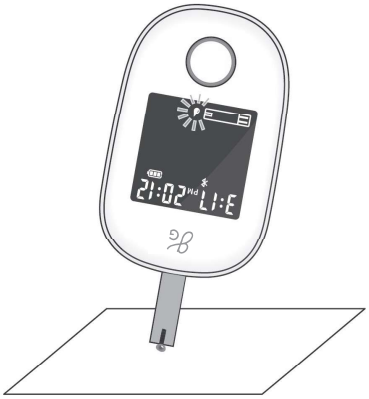
3. The meter turns on after a beep. An image of a test strip with a flashing blood drop will appear letting you know the meter is ready to test.

4. Shake the control solution bottle thoroughly. Squeeze the control solution bottle gently and discard the first drop. Squeeze out a second small drop on a clean nonabsorbent surface.



Notes: Do not apply control solution to the test strip directly from the bottle.

5. Immediately touch the tip of the test strip to the drop of control solution. The control solution is pulled into the test strip through the strip tip.

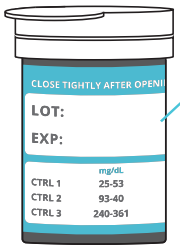


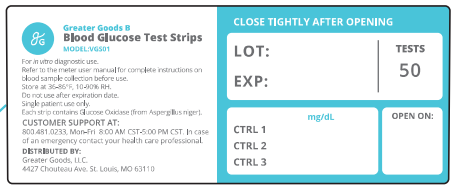
6. Hold tip of test strip in the drop until meter beeps. A countdown will appear on your screen, followed by your control test result.

Notes: The meter will automatically recognize and mark the control result for you. Control results are not included in the 7, 14 and 30 day average calculation.

Understand Your Control Test Result

Compare your control test result with the ranges printed on the test strip vial label.





This image is only for referring the test strip vial label location. Please check the actual label to compare the result and ranges.

Notes:

If your control test result is out of range:

- Check the expiration dates and discard dates of the test strip and control solution. Make sure that the test strip vial and the control solution bottle have not been opened for more than 4 months. Discard any expired test strips or control solution.
- Confirm the temperature in which you are testing is between 50-104°F.
- Make sure that you stored strip and control solution at 36-86°F, 10-90% RH.
- Make sure that the test strip vial and the control solution bottle have been tightly capped.
- Make sure the test strip was used immediately after removing from the test strip vial (or the foil pouch).
- Make sure the control solution was mixed well.
- Confirm that you are using Greater Goods brand control solution.
- Make sure that you followed the test procedure correctly.

After checking all of the conditions listed above, repeat the control solution test with a new test strip. If your results still fall out of the range indicated on the test strip vial label, your meter or test strips may not be working properly. **DO NOT** use the system to test blood. contact your health care professional if you need help. And please contact Greater Goods customer support at:

800.481.0233, Mon-Fri 8:00 AM CST-5:00 PM CST;
info@greatergoods.com

To turn your meter off, just remove the test strip. Dispose of the used test strips as medical waste. The result will be automatically marked and stored in the meter memory. Control results will be not included in your blood glucose averages.

Using the Meter Memory

Your meter automatically stores up to 500 results with the time and date. Test results are stored from the newest to the oldest.

Notes:

If there are already 500 records in memory, the oldest record will be erased to make room for a new one.

Viewing Your Test Results

When your meter is off, press ◎ to turn the meter on. After a beep, a symbol of a test strip flashes on the display. Continue to press ◎ to review previous results in order. Results will be shown starting with the most recent. Each result will show the date and time the test was taken.

When 'END' appears on the display, it indicates that you have viewed all of the results stored in the memory.

CHAPTER 4: MAINTENANCE AND TROUBLESHOOTING

Proper maintenance is recommended.

Recharging the Battery

When the meter needs to be recharged, the Empty Battery symbol ( ) will appear.
When the Empty Battery symbol ( ) appears by itself on the screen, the meter cannot be used. You must recharge the battery before using your meter.

The meter battery may be charged using one of the following options:
- Micro USB cable (computer charging)
- Micro USB cable with the AC adapter (wall charging)

If you need the Micro USB cable or AC adapter which are not included in your kit, please contact your local distributor.

Caution:
- Do Not charge the meter outdoors or in a wet area.
- Do Not use the Micro USB cable, AC adapter or meter if it is damaged, discolored, abnormally hot, or has an unusual odour. Please contact your local distributor.
- Do Not plug the AC adapter into a wall socket and leave it unattended.
- Verify that the wall socket voltage matches the AC adapter voltage.
- Do Not allow unsupervised children to charge the meter battery.

Caution:
Do Not insert a test strip when the meter is connected to a computer or wall outlet.
Notes:
- Using the Micro USB cable or AC adapter charges the battery in about 2 hours.
- When using the USB port on your computer to charge the battery, be sure the computer is turned on and not in standby mode. If the meter does not charge, try using another USB port on your computer.
- To optimise battery life, it is best to recharge the battery when the Low Battery symbol ( ) appears.

Caution:
- If you use an AC adapter which is not provided by Greater Goods, be sure it meets the standard EN 60950-1.
- If you use the USB port on your computer to charge the battery, be sure it meets the standard IEC60950.

Caring for Your Glucose Monitoring System

- Store meter in the carrying case provided whenever possible.
- Wash and dry hands before handling to keep the meter and test strips free of water and other contaminants.
- Greater Goods B blood glucose meter is a precision electronic instrument. Please handle it with care.
- Avoid exposing meter and test strips to excessive humidity, heat, cold, dust, or dirt.

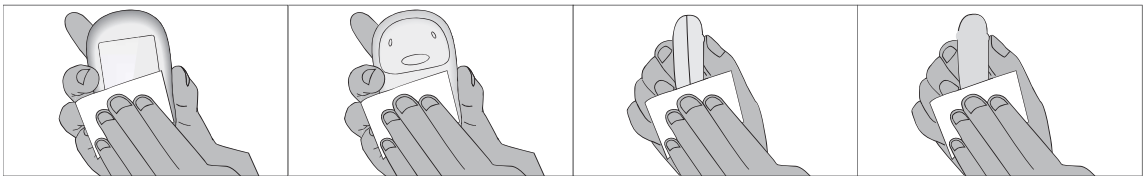
Cleaning and Disinfection

Your Greater Goods B blood glucose meters should be cleaned and disinfected a minimum of once per week. Use only Clorox™ Healthcare Bleach Germicidal Wipes, which have been proven to be safe for use with the Greater Goods B blood glucose meters.

Cleaning is part of your normal care and maintenance and should be performed prior to disinfection, but cleaning does not kill germs. After use and exposure to blood, all parts of this kit can potentially transmit infectious diseases.
Note: If the meter is being operated by a second person who is providing testing assistance to you, the meter should be cleaned and disinfected prior to use by the second person.

Cleaning Your Meter

Step 1: Take one piece of Clorox™ Healthcare Bleach Germicidal Wipes (EPA Registration No. 67619-12) from the container.
Step 2: Clean the entire meter surface including front side, back side, right side and left side.

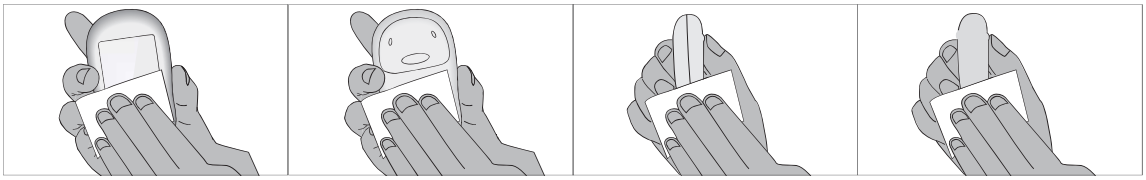


Front side | Back side | Right side | Left side

The meter should be cleaned whenever it is visibly dirty, or a minimum of once per week. This cleaning is to prepare the meter surface for a disinfection process.

Disinfecting Your Meter

Step 1: After cleaning your meter, take out another new piece of Clorox™ Healthcare Bleach Germicidal Wipes.
Step 2: Wipe the entire surface including front side, back side, right side and left side of the meter, by a back and forth movement.



Front side | Back side | Right side | Left side

Step 3: Keep the meter surface wet for at least one minute.
Step 4: Wait for the surface of meter to be dry.

Clorox™ Healthcare Bleach Germicidal Wipes containing sodium hypochlorite 0.55%, which has been proven to be safe to use with Greater Goods.
Clorox™ Healthcare Germicidal Bleach Wipes are available by contacting Krasity Medical Supply at 800-537-1394 directly or visiting and purchasing at: http://www.walmart.com or http://www.staples.com/.
The meter should be disinfected a minimum of once per week. The meter disinfection process has been validated for 608 disinfection cycles, which is equivalent cleaning and disinfecting your meter every 3 days for 5 years. This is to ensure that your meter will operate properly over the 5-year life of the meter.

Notes:

- Do not use alcohol or any other solvent.
- Do not allow liquid, dirt, dust, blood, or control solution to enter the test strip port or the data port.
- Do not squeeze the wipe or gauze into test strip port.
- Do not spray cleaning solution on the meter.
- Do not immerse the meter in any liquid.

Notes:

Although it has not been observed, some alterations may appear on your meter due to the cleaning and disinfection procedure. These include: cloudy display window, plastic housing cracking, meter buttons not functioning, partial display on full screen, being unable to execute the meter's initial set up, etc. If you notice any of these external changes to your meter or any changes to the performance of your meter, stop using the meter and please contact Customer Support for help. If you have questions about cleaning or disinfection, or if you see evidence of physical damage, contact Greater Goods customer support at: 800.481.0233, Mon-Fri 8:00 AM CST-5:00 PM CST; info@greatergoods.com. Please contact your health care professional if you need help.

Troubleshooting Guide

What You See	What It Means	What You Should Do
E 1	Blood or control solution was applied to the test strip before the flashing blood drop appeared on the display	Discard the test strip and repeat the test with a new test strip. Wait until you see the flashing blood drop on the display before testing.
E 2	The meter is sensing a used or contaminated test strip.	Discard the test strip and repeat the test with a new test strip. Wait until you see the flashing blood drop on the display before testing.
E 3	Incorrect test strip.	Discard the test strip and repeat the test with a new test strip. Make sure that you are using a Greater Goods B test strip.
E 4	Incorrect sample.	Discard the test strip and repeat the test with a new test strip. Make sure that only human capillary blood and Greater Goods B control solution are used for the test.
E 5	Temperature out of range.	Move to an area that is within the operating range for the meter. Let the meter adjust to this temperature for 20 minutes before performing a test.
E 6 E 7	Potential hardware issue.	Restart the meter. If the problem continues, contact Greater Goods customer support at 800.481.0233. Please contact your health care professional if you need help.

What You See	What It Means	What You Should Do
E 8	A test strip was inserted while the meter was connected to a computer or wall outlet.	When the charge is completed (about 2 hours when charging an empty battery), remove the Micro USB cable from the meter, and then take a test.
E 9	Insufficient sample.	Repeat the test and apply enough sample to fill the test strip check window.
HI	The test result is above 600 mg/dL.	Carefully wash hands and test site. Once dry, repeat the test using a new strip. If monitor still flashes HI, contact your healthcare professional as soon as possible.
⚠ **Caution:** Glucose levels above 250 mg/dL may indicate a potential serious medical condition.		
LO	The test result is below 20 mg/dL.	Repeat the test using a new test strip. If your result still flashes LO, contact your health care professional as soon as possible.
⚠ **Caution:** Glucose levels below 50 mg/dL may indicate a potential serious medical condition.		

Symptoms of High or Low Blood Glucose

You can better understand your test results by being aware of the symptoms of high or low blood glucose. According to the American Diabetes Association, some of the most common symptoms are:

Low blood glucose (Hypoglycemia):

- shakiness
- sweating
- fast heartbeat
- blurred vision
- confusion
- passing out
- irritability
- seizure
- extreme hunger
- dizziness

High blood glucose (Hypoglycemia):

- frequent urination
- excessive thirst
- blurred vision
- increased fatigue
- hunger

Ketones (ketoacidosis):

- shortness of breath
- nausea or vomiting
- very dry mouth

Warning:
If you are experiencing any of these symptoms, test your blood glucose. If your test result is under 50 mg/dL or above 250 mg/dL, contact your health care professional immediately.

CHAPTER 5: TECHNICAL INFORMATION

System Specifications:

Feature	Specification
Measurement Range	20 - 600 mg/dL
Test Measured	Glucose in fingertip capillary whole blood
Sample	Fresh capillary whole blood
Sample Volume	0.8 µL
Test Time	5 seconds
Power Source	Rechargeable 3.7 Volt Lithium Ion Battery
Charging Time	⎓ Direct current
BatteryType	Rechargeable, non-serviceable, 250 mAh, 3.7 Volt DC nominal, lithium polymer battery (5V input charge voltage)
Glucose Units of Measure	The meter is pre-set to milligrams per deciliter (mg/dL)
Memory	Up to 500 records with date and time
Automatic Shutoff	2 minutes after last action
Dimensions	83 mm x 52 mm x 18.7 mm
Display Size	32 mm x 32 mm
Weight	Approximately 53g
Operating Temperature	41 - 113°F
Operating Relative Humidity	10-90% (non-condensing)
Hematocrit Range	20 - 70%
Charging Port	Micro USB
Bluetooth	Bluetooth Low Energy (BLE) syncing with a Smart Phone for data and time

The Greater Goods B blood glucose monitoring system was tested by 352 lay users using capillary blood samples and three Greater Goods B test strip lots. The results were compared to the YSI Model 2300 STAT PLUS Glucose Analyzer, a laboratory instrument. The tables below show how well the two methods compared.

Table 1-Linear Regression Results

Slope	1.0137
Intercept	-2.3501 mg/dL
Correlation coefficient (R)	0.9977
Number of sample	352
Range tested	52.3 ~ 516.0 mg/dL

Table 2-Consumers Accuracy Results

The numbers and percentages represented in this table are the number of meter results compared to a laboratory result.

Difference range between the true blood glucose level and the Greater Goods B blood glucose meter result.	Within ±5%	Within ±10%	Within ±15%	Within ±20%
The percent (and number) of meter results that match true blood glucose level within x%	71.9% (253/352)	96.6% (340/352)	100% (352/352)	100% (352/352)

Accurate Results (Meter result is +/-15% of laboratory result)	352 out of 352 (100% of results)
More Accurate Results (Meter result is +/-10% of laboratory result)	340 out of 352 (96.6% of results)
Most Accurate Results (Meter result is +/-5% of laboratory result)	253 out of 352 (71.9% of results)

Warranty

Please visit *greatergoods.com/*0005 to activate your product's warranty and access lifetime product support.

Your blood glucose meter is warranted by the manufacturer against defects in materials and workmanship for three (3) years from the original date of purchase. Proof of purchase is required. The warranty is void if the product has been subjected to mechanical damage or mistreatment, such as immersion. This warranty is in lieu of all other warranties and limits the liability of the manufacturer. This warranty gives you certain legal rights, and you may have other rights depending on which state the product was purchased in.
Date of purchase:_____

If your blood glucose meter is defective, please contact Greater Goods customer support at:

800.481.0233, Mon-Fri 8:00 AM CST-5:00 PM CST; info@greatergoods.com.

FCC Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.