



# EVENCARE<sup>®</sup> G3

**BLOOD GLUCOSE  
MONITORING SYSTEM**

USER'S GUIDE





# Introduction

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Thank you for choosing the EVENCARE G3 Blood Glucose Monitoring System to help monitor your patients' blood glucose levels. The EVENCARE G3 Blood Glucose Monitoring System is designed to be accurate and easy to use. This user manual contains all the information needed to use and maintain the EVENCARE G3 Blood Glucose Monitoring System. Please read it through carefully before using EVENCARE G3 Blood Glucose Monitoring System.

If you need assistance, please call Medline's Technical Service Center at 1-866-274-2131 Monday through Friday between 8:00 am and 5:00 pm (Central Time).

## Intended Use

The EVENCARE G3 Blood Glucose Monitoring System is intended for the quantitative measurement of glucose in fresh capillary whole blood samples drawn from the fingertips, forearm, or palm. It is indicated to be used for multiple patients in a clinical setting by healthcare professionals, as an aid to monitoring levels in Diabetes Mellitus. This system should only be used with single-use, auto-disabling lancing devices. It is not indicated for the diagnosis or screening of diabetes or for neonatal use.

### **IMPORTANT:**

- Dehydration – Severe dehydration may lead to inaccurate blood glucose test results.
- Hematocrit range – A hematocrit range that is higher than 55% or lower than 30% can cause inaccurate blood glucose test results.
- Not intended for use on neonates.
- Testing is done outside the body (in vitro diagnostic use).

## Important Safety Instructions

- Adhere to standard precautions when handling or using this device. All parts of the glucose monitoring system should be considered potentially infectious and are capable of transmitting blood-borne pathogens between patients and healthcare professionals. For more information, refer to “Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings 2007”, <http://www.cdc.gov/hicpac/2007ip/2007isolationprecautions.html> .
- The meter should be disinfected after use on each patient. This blood glucose monitoring system may only be used for testing multiple patients when standard precautions and the manufacturer’s disinfection procedures are followed.
- Only auto-disabling, single use lancing devices should be used with this device.

The public health notification and standard practice guideline links are :

- “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.htm>
- “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>

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# 1. About the EVENCARE G3 Blood Glucose Monitoring System

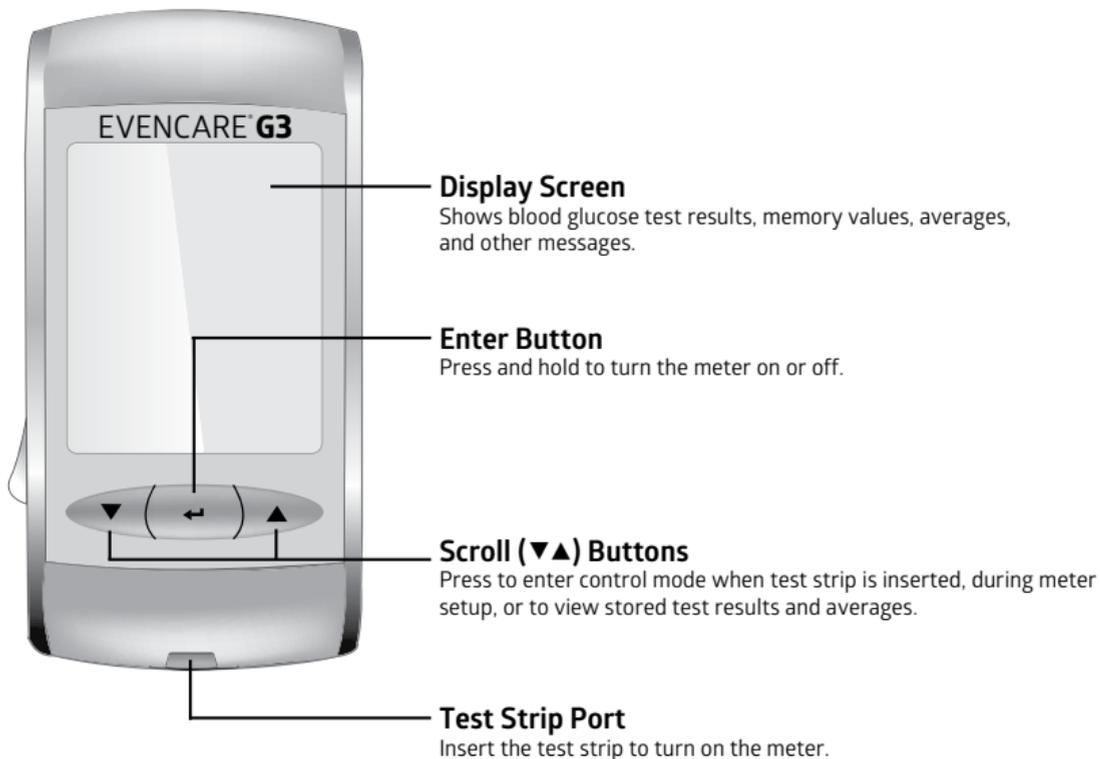
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## Contents of Kit

The EVENCARE G3 Blood Glucose Monitoring System includes the following items:

- EVENCARE G3 Meter
- User's Guide
- Carrying Case

# EVENCARE G3 Meter





**Battery Compartment**

Holds one 3V Lithium coin cell battery (CR2032).

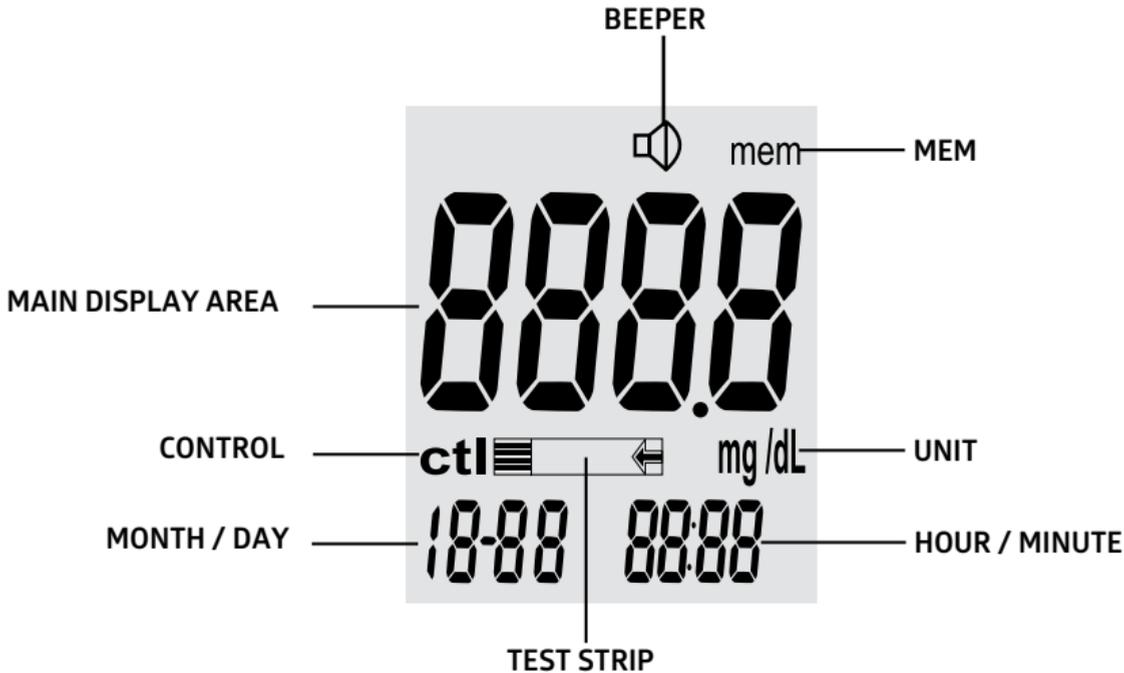
**Test Strip Ejector**

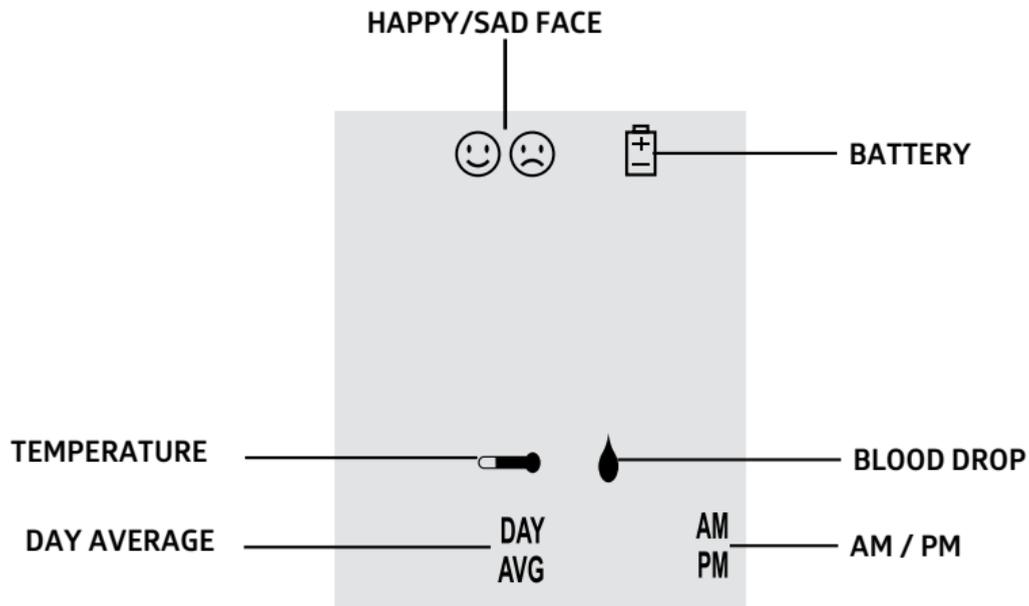
Slide to eject used test strip.

**Data Port**

Function is not yet available.

# Meter Display Screen





MAIN DISPLAY AREA .....Displays test results, stored test results, result averages, and messages.

BEEPER .....Indicates the beeper function is set  
(See Turn the Beeper On/Off).

BATTERY .....Appears when the battery is low and needs to be replaced (See Inserting the Battery).

MEM .....Indicates the number in the display area is a stored test result  
(See Viewing Meter Memory).

UNIT .....Indicates the unit of measurement (mg/dL).

CONTROL .....Indicates a control solution test  
(See Control Solution Testing).

TEST STRIP .....Indicates the meter is waiting for the test strip to be inserted.

- BLOOD DROP .....Appears when a test strip is inserted into the meter and the meter is ready for testing.
- DAY AVERAGE .....Appears when viewing the day-averages  
(See Viewing Meter Memory).
- HAPPY/SAD FACE .....Indicates whether or not the meter's electronics are functioning properly.
- TEMPERATURE .....Appears when it's either too hot or too cold to test  
(Outside the operating ranges of 50°F – 104°F).

## EVENCARE G3 Blood Glucose Test Strip

CONTACT POINTS



**CONTACT POINTS**

Insert this end into the test strip port on the meter.

**SAMPLING END**

Apply blood or control solution here.

### **IMPORTANT:**

- Use only the EVENCARE G3 Blood Glucose Test Strips with the EVENCARE G3 Meter. Other brands of test strips will not work with the meter.
- For foil test strips, keep the test strip in the foil wrapping until ready to use.
- For vial test strips, keep the test strip bottle capped tightly and away from sunlight at all times. Replace the cap immediately after taking a test strip out of the bottle.
- Check the expiration date printed on the test strip bottle. DO NOT use expired test strips.

## EVENCARE G3 Glucose Control Solutions

Call local supplier to order control solution. If they do not stock it, please contact Medline Customer Service to place an order.

EVENCARE G3 Glucose Control Solution is the standard glucose concentration solution required to perform a control solution test (See Control Solution Testing).

It is available at two levels. EVENCARE G3 Level 1 Glucose Control Solution (white cap) helps to validate the performance of the system at a low range blood glucose reading, while Level 3 Glucose Control Solution (blue cap) helps to validate system performance at a high range blood glucose reading. Run the control test to make sure the meter and test strips are working properly together, to practice testing procedure, and when using a new package of EVENCARE G3 Blood Glucose Test Strips.



## 2. Meter Setup

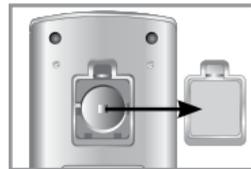
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### Inserting the Battery

**Materials needed:**

- EVENCARE G3 Meter
- One 3V Lithium coin cell battery (CR2032)

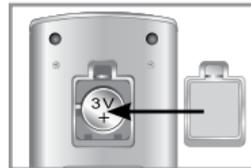
Step 1. Remove the battery compartment cover.



Step 2. If there is an old battery in the compartment, take it out. Insert a new battery, with the plus (+) side facing up.



Step 3. Replace the battery cover.



**IMPORTANT:**

Dispose of used batteries according to local regulations.

**NOTE:**

Stored test results will not be erased when the battery is changed.

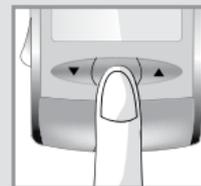
## Setting Date and Time

### Materials needed:

- EVENCARE G3 Meter

### NOTE:

- If the date and time on the EVENCARE G3 Meter are not set, test results will not be stored in the meter memory.
- The meter will automatically ask you to set the date and time after you change the battery.



### Step 1. Turn on the meter

Press and hold the ← button to turn on the meter. If the test strip is flashing on the screen, you will need to enter the SET mode to change the date and time. Press the ▼ arrow button two times. The word SET will be displayed on the screen. Press the ← button to confirm the selection and enter the Date and Time settings. (If the battery was just inserted, the meter will automatically enter the Date and Time settings. Proceed to Step 2.)



**Step 2. Set the year**

The year will flash. Press the scroll buttons ▼▲ to select the correct year. Press the ← button to confirm selection and advance to set the month.

**Step 3. Set the month**

The month will flash. Press the scroll buttons ▼▲ to select the correct month. Press the ← button to confirm selection and advance to set the date.

**Step 4. Set the day**

The day will flash. Press the scroll buttons ▼▲ to select the correct date. Press the ← button to confirm selection and advance to set the time format.

**Step 5. Set the time format to 12-hour or 24-hour**

Press the up button ▲ to select the desired format (12-hour or 24-hour). Press the ← button to confirm selection and advance to set the hour.



**Step 6. Set the hour**

The hour will flash. Press the scroll buttons ▼▲ to select the correct hour. Press the ← button to confirm selection and advance to set the minute.

**Step 7. Set the minutes**

The minutes will flash. Press the scroll buttons ▼▲ to select the correct minute. Press the ← button to confirm your selection. The meter will return to the testing mode.

Begin testing by inserting a test strip, or press and hold the ← button for 3 seconds to turn off the meter.

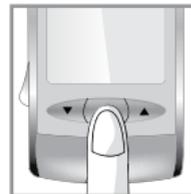
## Setting the Beeper On/Off

Set the meter to give a beeping sound to alert you to important messages.



Step 1. Press and hold the ← button to turn on the meter.

Step 2. The meter will run a series of self tests. The 😊 icon will appear on the screen when all tests are complete. If the ☹️ icon or other error messages (Err 2, Err 3, etc.) appear, see the Troubleshooting section.



Step 3. Navigate to the beeper setting by pressing the down ▼ button three times. The screen will show the beeper icon.



Step 4. Press the ← button to enter beeper setting mode.

Step 5. Press the up ▲ button to turn the beeper on or off. When the beeper is on, the beeper icon will be displayed at all times.

Step 6. Press and release ← . The meter returns to the testing mode.

Begin testing by inserting a test strip, or press and hold the ← button for 3 seconds to turn the meter off.

## Setting the QC Lock Mode

The EVENCARE G3 meter has the option to be put in QC lock mode. When the QC mode is turned on and no control tests have been performed in the past 24 hours, the message “qC” flashes on the screen. Two control solution tests need to be performed before you can run a glucose test.

### **Materials needed:**

- EVENCARE G3 Meter

Step 1. Press and hold the  button to turn on the meter.

Step 2. The meter will run a series of self tests. The 😊 icon will appear on the screen when all tests are complete. If the 😞 icon or other error messages (Err 2, Err 3, etc.) appear, see Troubleshooting.

Step 3. Press the down button ▼ four times to reach the QC lock mode.  
The screen will show the icon “ctl”



Step 4. Press the ← button to enter the QC setting mode.

Step 5. Press the up button ▲ to turn the QC lock mode on or off.

Step 6. Press the ← button. The meter returns to the testing mode.  
Begin testing by inserting a test strip, or press and hold the  
← button for 3 seconds to turn the meter off.



When the QC lock mode is turned on and control tests have not been performed within the past 24 hours, the screen will flash “qC.” L1 and L3 control tests must be completed before the meter will perform a blood glucose test.

## Control Solution Testing

The purpose of the control solution testing is to validate that the EVENCARE G3 Meter is working properly with the test strips. Control solutions are not included in the kit. Please contact your local supplier to order EVENCARE G3 Glucose Control Solutions.

### **You should perform a control solution test when:**

- Using the meter for the first time.
- Using a new package of EVENCARE G3 Blood Glucose Test Strips.
- At least once per week to verify that the meter and test strips are working properly together.
- For vial strips, if the test strip bottle is left open.
- The meter is dropped.
- You suspect the meter and test strips are not working properly together.
- A patient's test results do not agree with how they feel.
- A patient's readings appear to be abnormally high or low.
- Test strips have been exposed to a condition outside the specified storage conditions.
- Practicing your testing technique.

## Control Solution Testing

### **Materials needed:**

- EVENCARE G3 Meter
- EVENCARE G3 Glucose Control Solutions (Level 1 or Level 3)
- A new EVENCARE G3 Blood Glucose Test Strip

### **NOTE:**

- Use only EVENCARE G3 Glucose Control Solutions with the EVENCARE G3 Blood Glucose Test Strips. Other brands of control solutions will produce inaccurate results.
- Always check the expiration date of the control solution. DO NOT use expired control solution.
- Record the date on the bottle when opening a new bottle of control solution. Discard any unused control solution three months after the opening date.
- Control solutions are good three months after opening or until the expiration date on the bottle, whichever comes first.
- DO NOT FREEZE. Store the control solutions at room temperature of 59°F – 86°F.

- Step 1. Insert a test strip into the meter with the contact points facing up. Make sure to firmly and completely insert the test strip into the meter. The meter will turn on automatically.



## IMPORTANT:

- Do not use test strips that are expired. Check the expiration date printed on the test strip package.
- For foil-wrapped test strips, use each test strip immediately after removing it from the foil.
- For vial test strips, use each test strip immediately after removing it from the bottle.
- For vial test strips, close the cap of the bottle immediately after removing a test strip.
- Do not use wet, bent, scratched, or visibly damaged test strips.
- Keep the test strips away from direct sunlight and heat. Store the test strip bottle in a dry, cool place.
- For vial test strips, record the date on the bottle when you open a new bottle of test strips. Discard any unused test strips six months after opening.
- Vial test strips are good six months after opening or until the expiration date on the bottle, whichever comes first.

- Foil-wrapped test strips are good until the expiration date on the packaging.
- Make sure you are performing the test in an environment that is between 50°F–104°F.
- If the meter displays a temperature icon , this means that your meter has been exposed to extreme temperature that is outside the operating temperature range. Move the meter into an area that is between 50°F–104°F and allow 10 to 15 minutes for it to reach the new temperature before use. Your meter will not begin testing if it detects it is outside the operating temperature range.

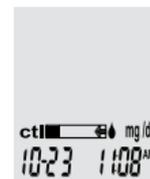
Step 2. The meter will run a series of self tests. The 😊 icon will appear on the screen when all tests are complete. If the ☹️ icon or other error messages (Err 2, Err 3, etc.) appear, see Troubleshooting.

### NOTE:

- The message “qC” flashes and “ctl” appears on the screen when the QC mode is turned on and control tests have not been performed within the past 24 hours. Control tests must be completed before the meter will perform a blood glucose test.

- Step 3. Wait until the flashing blood drop and arrow icons appear next to the test strip icon on the meter display screen, press the down button ▼ or up button ▲ to enter control solution testing mode.

The “ctl” icon will appear next to the test strip icon on the meter display screen, indicating that the meter is in control solution testing mode. Press the down button ▼ or the up button ▲ to exit control solution test mode.



- Step 4. When the blood drop icon 💧 appears on the screen, squeeze a drop of the control solution onto a clean, dry, non-absorbent surface such as table top. Bring the test strip gently to the drop of control solution so the sampling end of the test strip touches the control solution. The drop of control solution will be drawn in automatically by the test strip.



**NOTE:**

- Replace the cap of the control solution immediately after use.
- If there is insufficient sample, the strip icon will flash and the message “Err” will be shown. Eject and discard the used test strip. Repeat the control solution test with a new test strip.

Step 5. The screen will display count down bars ----. After 6 seconds, the control solution test result will appear on the screen.



Step 6. For vial test strips, compare the reading on the screen to the control solution range printed on the test strip bottle. For foil-wrapped test strips, compare the reading on the screen to the control solution range printed on the box.

**NOTE:**

If the control test result falls outside of the range provided, do the following:

- Do not test the patient's blood glucose.
- Make sure you are using EVENCARE G3 Glucose Control Solution.
- Make sure the testing environment is between 50°F–104°F.
- Make sure glucose control solution and test strips have not expired.
- Repeat the test with a new test strip.
- Control solution test results will be stored in the meter memory with a ctl flag.
- If the problem persists, contact Medline Technical Service Center at 1-866-274-2131 between 8:00 am and 5:00 pm (Central Time), Monday through Friday.

Step 7. Eject the test strip into a proper waste container.

**IMPORTANT:**

- DO NOT reuse test strips.
- Repeat with another level of control solution.

## 3. Testing a Patient's Blood Glucose

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### Materials needed:

- EVENCARE G3 Meter
- A new EVENCARE G3 Blood Glucose Test Strip
- Auto-disabling single use lancing device

### Lancing Device

Use an auto-disabling single use lancing device to take the blood sample. Follow the manufacturer's instructions for how the lancing device should be used.

**IMPORTANT:**

- Please contact your local supplier to order auto-disabling single use lancing devices.
- Users need to adhere to standard precautions when handling or using this device. All parts of the glucose monitoring system should be considered potentially infectious and are capable of transmitting blood-borne pathogens between patients and healthcare professionals.

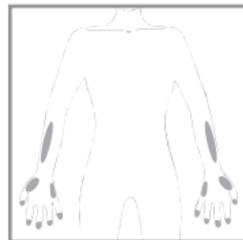
Please follow the practice guideline below:

Biosafety in Microbiological and Biomedical Laboratories (BMBL) found at <http://www.cdc.gov/biosafety/publications/bmbl5/>

“Protection of Laboratory Workers From Occupationally Acquired Infections; Approved Guideline-Third Edition” Clinical and Laboratory Standards Institute (CLSI) M29-A3.

## Important Information on Alternative Site Testing (AST)

The EVENCARE G3 Blood Glucose Monitoring System can test for blood glucose in areas other than the fingertip, such as the palm and forearm (alternative site testing, or AST). Alternative site testing can be less painful than fingertip testing. Because of the physiological differences between the fingertip, palm and forearm <sup>(1)</sup>, alternative site test results may be significantly different than results from the fingertip under certain conditions. Alternative site testing should only be performed during a steady-state blood glucose condition.



### **DO AST ONLY in the following intervals:**

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

Alternative site measurements should never be used to calibrate continuous glucose monitors (CGMs). Alternative site measurements should never be used for insulin dosing calculations.

**Alternative Site Testing SHOULD NOT be used when:**

- Patients have hypoglycemic unawareness.
- Within 2 hours of a meal, exercise, or medication.
- Operating machinery or driving a car.
- During times of stress.
- Patient is ill.
- Patient's blood glucose is low.
- Testing for hyperglycemia.
- Patient's routine glucose results are often fluctuating.

**NOTE:**

If results from alternative site testing do not agree with how the patient feels, use fingertip testing instead.

## Reference:

1. Shu M, Osamu F, Kazuhiro H, Yoshihito A: Hypoglycemia Detection Rate Differs Among Blood Glucose Monitoring Sites. *Diabetes Care* 28(3):708–709, 2005

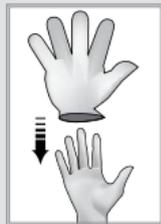
## Running the Test

Step 1. Insert a test strip into the meter.



### **IMPORTANT:**

- A new pair of clean gloves should be worn by the user before testing each patient.

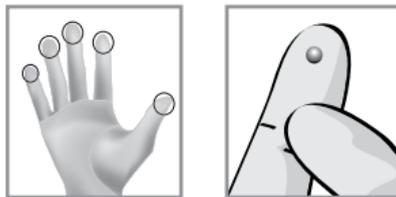


Step 2. The meter will run a series of self tests. The 😊 icon will appear on the screen when all tests are complete. If the ☹ icon or other error messages (Err 2, Err 3, etc.) appear, see Troubleshooting.

Step 3.

**For fingertip testing:**

Wash the patient's hand thoroughly, and dry well. Hold the single use lancing device against the side of the patient's fingertip and lance the finger. Follow the manufacturer's instructions for how the lancing device should be used.

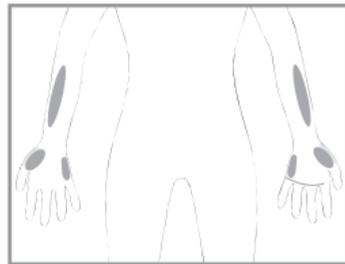


**TIPS:**

- Gently massage the hand and finger toward the puncture site to form a drop of blood. Do not “milk” or squeeze around the puncture site.
- Prick the side of fingertip to avoid soreness. To avoid calluses, choose a different testing site each time.
- If alcohol wipes are used to cleanse the fingertip, make sure the fingertip is completely dry before the blood sample is obtained.

**For Testing on the Palm and Forearm (AST):**

Hold the lancing device against the test site (base of palm or forearm). Avoid a test site that has veins, moles, excessive hair, or bone. Press the lancing device firmly against the test site and lance the site. Do not lift up the lancing device.



For forearm test sites, apply and release pressure to the lancing device for a few seconds while keeping the lancing device in constant contact with the skin. When a drop of blood is formed, lift the lancing device straight up without smearing the blood.

**NOTE:**

- Dispose of lancets properly in biohazard waste.

- Step 4. When the blood drop icon appears on the screen, gently bring the test strip to the test site and touch the drop of blood. The drop of blood will be drawn in automatically by the test strip.

**NOTE:**

- DO NOT touch the sampling end of the test strip.
- DO NOT smear the blood drop onto the sampling end.
- DO NOT add or apply a second drop of blood. This may cause a false result.
- When there is an insufficient blood sample, the strip icon and the message "Err" will appear. Eject and discard the used test strip. Repeat the test with a new test strip.

- Step 5. The screen will display count down bars ----.  
After 6 seconds, the test result will appear on the screen.  
The test result will be stored in meter memory automatically  
(See Viewing the Meter Memory).



- Step 6. Eject the test strip into a proper waste container.

**CAUTION:**

- If you see "HI" or "LO" displayed, the patient's blood glucose level may be above 600 mg/dL or below 20 mg/dL. Repeat the blood glucose test. If you receive the same result, contact the patient's physician or healthcare provider.

## Disposing Used Test Strips and Lancets

**CAUTION:**

Used lancets and strips are biohazardous material and can transmit bloodborne diseases. Dispose of used lancets and test strips according to local regulations.

## **4. Understanding a Patient's Blood Glucose Test Results**

### **Blood Glucose Test Results**

Blood glucose test results will vary depending on food intake, medication, health, stress, and exercise. The ideal ranges for adults without diabetes are <sup>(2)</sup>:

- less than 100 mg/dL before meals.
- less than 140 mg/dL after meals.

If the meter displays a result that is “HI” or “LO” OR a patient gets a result that is more than 250 mg/dL or less than 50 mg/dL, AND the patient feels ill:

- Contact the patient's physician or healthcare provider.

If the meter displays a result that is “HI” or “LO” or a patient gets a result that is more than 250 mg/dL or less than 50 mg/dL and the patient DOES NOT feel ill:

- Test again using a new test strip.
- Call the Medline Technical Service Center at 1-866-274-2131.

**NOTE:**

- Inaccurate results may occur in severely hypotensive individuals or patients in shock.
- Inaccurate low results may occur for individuals experiencing a hyperglycemic-hyperosmolar state, with or without ketosis.
- Critically ill patients should not be tested with blood glucose meters.

## Reference:

2. American Diabetes Association Position Statement: Standards of Medical Care in Diabetes—2010. Diabetes Care 2010; 33 (Suppl.1):S11–S61.

## 5. Viewing Meter Memory

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The EVENCARE G3 Meter automatically stores up to 300 glucose test results together with the date and time. The meter also provides 7, 14, and 30 day averages to help track a patient's blood glucose trend. The time and date must be set in order to use the memory and day averaging function (See Setting Date and Time). The meter memory will not store test results if the date and time are not set.

### Viewing Stored Readings and 7, 14, 30 Day Averages from Meter Memory

#### Materials needed:

- EVENCARE G3 Meter

Step 1. Press and hold the ← button to turn on the meter.



Step 2. The meter will run a series of self tests. The 😊 icon will appear on the screen when all tests are complete. If the ☹ icon or other error messages (Err 2, Err 3, etc.) appear, see Troubleshooting.

Step 3. Press the down button ▼ once to enter the meter memory mode. The screen will show the icon “mem”.



Step 4. Press the ← button to enter memory mode.

Step 5. The most recent glucose test result is shown on the screen. Press the down button ▼ to see the next result, and the next, and so on. Press and hold the up button will allow you to flash through the results in the meter.

“nil” will appear on the display after the last record, if less than 300 results are stored. Press the up button ▲ to go back, viewing from the oldest to the most recent results.



Step 6. On the most recent result, continue to press the up button ▲ to view the day averages. The meter will display the 7 day average. Press up again to see the 14-day average, and press up again to see the 30 day average.



The number of test results included in the average calculation is shown to the right of the **DAY AVG** icon. Control solution test results will not be included in the average calculation.

Step 7. Press the ← button to exit memory recall mode and return to the testing mode.

**NOTE:**

- When the meter memory is empty, the display will show “nil”.
- When there are no day averages available, the display will show 0 mg/dL.
- If the meter memory is full, adding a new test result will cause the oldest one to be deleted.
- Meter memory test results and day averages will not be erased when battery is removed.
- The meter will automatically turn off after 3 minutes of non-use.

## 6. Caring for the Meter

---

Caring for EVENCARE G3 Meter is easy. Follow these simple guidelines to keep the EVENCARE G3 Meter working properly.

### **NOTE:**

- DO NOT get water inside the EVENCARE G3 Meter. Never immerse the meter or hold it under running water.
- DO NOT use glass cleaners or household cleaners on the meter.
- DO NOT try to clean the test strip holder.
- DO NOT take the EVENCARE G3 Meter apart. Doing so will void the warranty. If there are technical problems or questions in the use of the meter, contact Medline Technical Service Center at 1-866-274-2131 between 8:00 am and 5:00 pm (Central Time), Monday through Friday.
- Handle the meter with care – severe shock, such as dropping the meter, could damage the electronics.

## Cleaning and Disinfecting Procedures for the Meter

The EVENCARE G3 Meter should be cleaned and disinfected between each patient. The meter is validated to withstand a cleaning and disinfection cycle of ten times per day for an average period of three years. The following products have been approved for cleaning and disinfecting the EVENCARE G3 Meter:

- Dispatch® Hospital Cleaner Disinfectant Towels with Bleach  
(EPA Registration Number: 56392-8)
- Medline Micro-Kill+™ Disinfecting, Deodorizing, Cleaning Wipes with Alcohol  
(EPA Registration Number: 59894-10)
- Clorox Healthcare® Bleach Germicidal and Disinfectant Wipes  
(EPA Registration Number: 67619-12)
- Medline Micro-Kill™ Bleach Germicidal Bleach Wipes  
(EPA Registration Number: 37549-1)

These disinfecting wipes are available through major online retailers or call 1-866-274-2131 to purchase.

Other EPA registered wipes may be used for disinfecting the EVENCARE G3 system, however, these wipes have not been validated and could affect the performance of your meter. If you use an EPA registered wipe not listed above and you notice any of the below signs after cleaning and disinfecting the meter, stop using the device and call Medline technical service at 1-866-274-2131.

- Control solution out of range
- Clouding of meter LCD display
- Corrosion or erosion of plastic housing or buttons
- Cracking of plastic housing
- Malfunction of any meter button

**Note:** These disinfectants were validated separately; therefore, only one disinfectant should be used on the device for the life of the device, as the effect of using more than one disinfectant interchangeable has not been evaluated.

**Materials needed:**

- EVENCARE G3 Meter
- Gloves
- A validated disinfecting wipe

Step 1. Wash hands with soap and water.

Step 2. Put on single-use medical protective gloves.

Step 3. Inspect for blood, debris, dust, or lint anywhere on the meter. Blood and bodily fluids must be thoroughly cleaned from the surface of the meter.

Step 4. To clean the meter, use a moist (not wet) lint-free cloth dampened with a mild detergent. Wipe all external areas of the meter including both the front and back surfaces until visibly clean. Avoid wetting the meter test strip port.

Step 5. To disinfect your meter, clean the meter surface with one of the approved disinfecting wipes. Other EPA registered wipes may be used for disinfecting the EVENCARE G3 system, however, these wipes have not been validated and could affect the performance of the meter. Allow the surface of the meter to remain wet at room temperature for the contact time listed on the wipe's directions for use.

Wipe all external areas of the meter including both front and back surfaces until visibly wet. Avoid wetting the meter test strip port.



Wipe meter dry, or allow to air dry.

Step 6. Remove gloves.

**Disposal of infectious material:**

Blood, body fluids and cleaning materials should be disposed of according to federal, state and local regulations for infectious waste disposal.

**NOTE:**

- Single-use medical protective gloves should always be worn during disinfection procedures and also by anyone performing blood glucose testing on another person.
- Lancing devices used in a clinical setting should be the safety models marketed for single use only.
- Glucose meters used in a clinical setting for testing multiple persons must be cleaned and disinfected between patients.
- Used gloves should be removed and hands washed before proceeding to the next patient.
- Healthcare professionals should change gloves between patients, even if patient-dedicated testing devices and single-use, self-disabling lancing devices are used.
- DO NOT re-use the single-use lancing device.
- Keep disinfecting wipes out of reach of children.
- DO NOT flush disinfecting wipes down toilet.

The list of things you should look for as signs of deterioration after disinfection include:

- Control solution out of range
- Clouding of the LCD display
- Corroding of the plastic housing
- Corroding of the buttons
- Malfunction of any meter buttons

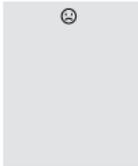
If these signs of deterioration are noted, stop using the meter and call Medline Technical Service at 1-866-274-2131.

## Storage and Precautions

- The meter and the test strips are designed to be used within a temperature range of 50°F to 104°F.
- Avoid leaving the meter in extremely hot or cold places, such as near a heat source or in an extremely hot or cold car.
- Do not store or use the meter or test strips at high humidity levels, such as in the bathroom or kitchen.
- For vial strips, always close the cap of the test strip bottle immediately after removing a test strip. Make sure the cap is tightly closed.

## 7. Troubleshooting

This section details display screen messages and error codes you may encounter when using your EVENCARE G3 Meter and Test Strips. If your meter is still not working after you have followed the troubleshooting instructions, call Medline Technical Service at 1-866-274-2131.

What you see	What it means	What you should do
	Problem with the meter's electronics.	Replace the battery and turn on the meter again.
	Used test strip.	Repeat the test with a new test strip.

What you see	What it means	What you should do
	The strip was removed from the meter while the testing was in progress.	Repeat the test with a new test strip.
	The size of the blood sample was too small.	Repeat the test with a new test strip.
	The temperature is out of range.	Move the Meter into an area that is between 50°F - 104°F, and allow 15 minutes for it to reach the new temperature.

What you see	What it means	What you should do
 A small icon of a battery with a lightning bolt symbol, indicating a low battery level.	Battery is low.	Change the battery according to “Inserting (or Changing) the Battery” section of the user manual.
 A digital display showing "HI" in large digits, with "mg/dL" below it. At the bottom, it shows the date "10-23" and time "1:08 AM".	Glucose test result is higher than 600 mg/dL.	Wash and dry your hands and repeat the test on the patient’s fingertip with a new test strip. If the result is still “HI”, contact the patient’s physician or healthcare provider.
 A digital display showing "LO" in large digits, with "mg/dL" below it. At the bottom, it shows the date "10-23" and time "1:08 AM".	Glucose test result is lower than 20 mg/dL.	Wash and dry your hands and repeat the test on the patient’s fingertip with a new test strip. If the result is still “LO”, contact the patient’s physician or healthcare provider.

What you see	What it means	What you should do
 The image shows a digital display with the word "mem" at the top. Below it, the characters "n    " are displayed, indicating that no results are stored in the meter's memory.	There are no results stored in the meter.	Check if the date and time are set up correctly. See Setting Date and Time.
 The image shows a digital display with "mem" at the top, a large "0" in the center, "mg/dL" below it, and "DAY AVG" and "n.000" at the bottom, indicating that there are no day averages stored.	There are no day averages.	N/A

## 8. System Specifications

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Test Strips:	EVENCARE G3 Blood Glucose Test Strips (not included)
Dimensions (L x W x H):	105 x 53 x 15 mm (4 $\frac{1}{8}$ " x 2" x $\frac{5}{8}$ " )
Weight (including battery):	67.3 g (2.37 oz)
Test Range:	20 – 600 mg/dL
Calibration:	Plasma
Test Time:	6 seconds
Sample Size:	Minimum 0.8 $\mu$ L
Hematocrit Range:	30 % – 55 %
Display Type:	Large LCD screen
Memory:	300 test results
Result Averaging:	7, 14, and 30 day averaging
Battery:	1 x 3V CR2032 Lithium coin cell battery
Automatic Power-Off:	After 3 minutes of non use
Operating Temperature:	50°F – 104°F
Operating Humidity:	22% – 90%

For additional information, refer to the EVENCARE G3 Blood Glucose Test Strip insert.

## 9. Product Warranty

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The EVENCARE G3 Blood Glucose Meter is warranted to be free of defects in workmanship and materials for a period of two (2) years from the date of purchase. Medline's liability for warranty claims is limited to repair or replacement, and in no event shall Medline be liable for indirect or consequential damages, or for any loss arising from misuse, improper use, abuse, neglect, unauthorized repair or modification.

This warranty is void and of no force and effect in the event of product misuse, improper use, abuse, neglect, unauthorized repair or modification. This warranty specifically excludes EVENCARE G3 Test Strips and EVENCARE G3 Control Solution.

THIS WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY TO THE EXCLUSION OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, ALL OF WHICH ARE WAIVED AND DISCLAIMED.

All warranty claims must be directed to Medline's Technical Service Center at 1-866-274-2131. This warranty is extended only to the original purchaser of the meter.

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**Technical Support: 1-866-274-2131**

**To Reorder: 1-800-MEDLINE**

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EVENCARE® **G3**