



G-425-2 Blood Glucose Monitoring System

User Manual



-01-

Dear Glucoracy Blood Glucose Monitoring System G-425-2 Owner:

Thank you for choosing this system!
This manual contains important information you must know about the system.
Please read it thoroughly and carefully.
The system provides No Code function which means that you don't need to calibrate your meter making it easier for the user to monitor blood glucose at home.

Important safety instructions

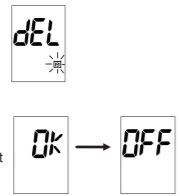
- The meter and lancing device are for single patient use. Do not share them with anyone including other family member! Do not use on multiple patients!
- All parts of the kit are considered biohazardous and can potentially transmit infectious diseases even after you have performed cleaning and disinfection.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Warnings

- The System is intended for use outside the body (in vitro diagnostic use). It is for single-patient use. It should be used only for testing glucose (sugar) and only with fresh capillary whole blood samples taken from the finger. The system is intended for use at home. It should not be used for the diagnosis of diabetes or for the testing of newborns.
- The System is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. Alternative site testing should be done only during steady – state times (when glucose is not changing rapidly).
- The blood glucose test strips are for use with the Blood Glucose Meter to quantitatively measure glucose in fresh capillary whole blood samples drawn from the fingertips.
- This device is not intended for use in healthcare or assisted-use settings such as hospitals, physician's offices, or long-term care facilities because it has not been determined to be safe and effective for use in these settings, including for routine assisted testing or as part of glycemic control procedures.
- Use of this device on multiple patients may lead to transmission of Human Immunodeficiency Virus (HIV), Hepatitis C Virus (HCV), Hepatitis B Virus (HBV), or other bloodborne pathogens.
- When the following phenomenon happens, the user should stop using meter and contact customer service:
 - The test result of control solution exceeds the range of vial labeled.
 - The meter fails to display relative information;
 - The meter does not respond when inserted test strips;
 - The meter damaged severely (eg. Broken case, screen chalkboard)

-06-

2. Deleting the Memory
- 2.1 Press "S", then "dEL" will display with flashing "M".
- 2.2 Press "M" once to confirm delete, press "M" button again to delete ALL memory. The meter then displays "OK", which means that the memory is deleted. If you don't want to delete the memory, press the S button to skip this step. The meter will automatically turn "OFF", and the set up will be completed.



NOTE:

- The date, time, unit and memory deletion can ONLY be set in the setting mode.
- When the meter is in setting mode, if no button is pressed within 3 minutes, the meter will turn off.
- No set up necessary, meter is pre-set. Meter is pre-set for Eastern Standard Time. Please refer to page 13 of this manual for set up instruction.

-12-

Test principle

The System uses electrochemical methodologies. The System quantitatively measures blood glucose levels using an Amperometric method. The method involves detecting the current produced from glucose oxidation. The strength of the current produced by the reaction depends on the amount of glucose in the blood sample. The electrons generated during this reaction are transferred from the blood to the electrodes. The magnitude of the resultant current is proportional to the concentration of glucose in the specimen. The current level is converted into a readout displayed on the meter.

Contents of the kits

- A Meter
- Owner's Manual
- Test Strips
- Lancing Device
- Sterile Lancet

NOTE:

- The Lancing Device can be used for several times, however the sterile lancet should be changed after each use.
- Control solution is not included in the standard kit.
- There are three levels for the control solutions: level 1, level 2 and level 3 available, please contact the place of purchase for more information.

If any items are missing from your kit or opened prior to use, please contact local customer services or place of purchase for assistance.

-07-

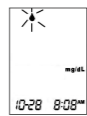
The two measuring modes

The meter provides you with two modes for measuring, General and CTL. The CTL mode should be used when a control solution is being tested. See the table below.

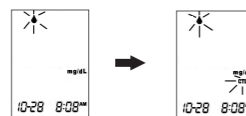
Modes	Use when
General test (not display)	Any time of day without regard to time since last meal
CTL	Testing with the control solution

You can switch between each mode by:

1. Start with the meter turned off. Insert a test strip to turn on the meter, the screen will display a flashing blood drop, time and date.



2. Press "S" to select General or CTL mode.



-13-

Read this before using

DANGER - Misuse of this electrical device can cause electrocution, burns, fire and other HAZARDS.
Basic safety precautions should always be taken, including all those listed below.
Close supervision is necessary when equipment is used by, on, or near children, handicapped persons or invalids.

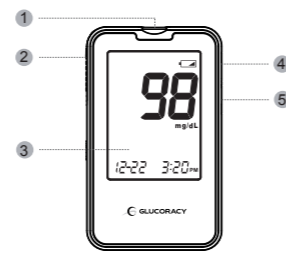
The following basic safety notices should always be taken:

1. Do not place the device in liquid, nor put it where it could fall into liquid.
2. The following basic safety notices should always be taken.
3. Use the device only for the intended use described in this manual.
4. Do not use adjunct which are not supplied by the producer.
5. Do not make the device come into contact with surfaces which are too hot to touch.
6. Do not use the device where aerosol sprays are being used.
7. Do not use the device if it is not working properly, or if it has been damaged.
8. Read all the manuals, and practice the test, and then use the product to test your blood glucose. Do all quality control checks as directed and consult with a diabetes expert.

KEEP THESE INSTRUCTIONS IN A SAFE PLACE

-02-

Blood Glucose Meter



1. Strip port
Where you insert the test strip into strip port, the meter will turn on automatically.
2. Strip ejector
Slide forward to eject the test strip after test.
3. LCD Display
It guides you through the test using symbols and simple messages
4. "M" Button
It is used to turn on the meter to enter the memory mode
5. "S" Button
It is used to set up the meter

-08-

Testing with blood sample

CAUTION:

- To reduce the chances of infection:
- Choose a clean, dry work surface.
 - Never share a lancing device and lancet with another person.
 - Always use a new and sterile lancet. Lancets are for single use only.
 - Always use a new test strip. Test strips are for single use only.
 - Avoid getting lotion, oils, dirt or debris in or on the lancet and lancing device.

Note: Before testing, please read the following steps thoroughly and carefully, please relax and do the test step by step. Simplifying or changing the test procedure may produce inaccurate results.

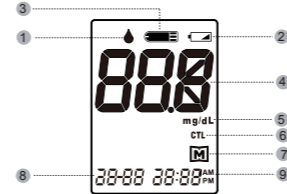
-14-

Limitations of use:

- ▶ The Blood Glucose Monitoring System is not intended for use on neonates.
- ▶ The Blood Glucose Monitoring System is not intended for use on artery blood, neonates' serum and plasma.
- ▶ The system can be used up to an altitude of 10744 feet.
- ▶ The following substances at levels greater than normal or therapeutic levels may cause significant interference (affect the result by greater than 10%) resulting in an inaccurate result: ascorbic acid, uric acid, hemoglobin, acetaminophen, Dopamine, L-dopa and Tolbutamide etc. These substances do not affect test results in normal concentration but may affect test results in high concentration. Do not use haemolysis sample, icterus sample or high lipemia samples.
- ▶ Patients undergoing oxygen therapy may yield falsely lower results.
- ▶ Not used for patients in a hyperglycemic-hyperosmolar state, with or without ketosis.
- ▶ Not for use on critically ill patients.
- ▶ Not to be used for patients who are dehydrated, hypertensive, hypotensive or in shock.
- ▶ Very low (less than 20%) or very high (more than 60%) red blood cell count (hematocrit) can lead to incorrect test results. If you do not know your hematocrit level, please consult your health care provider.
- ▶ High temperature (more than 104°F) and low temperature (less than 50°F) may lead to incorrect test results.
- ▶ High humidity (more than 85%) and low humidity (less than 10%) may lead to incorrect test results.

-03-

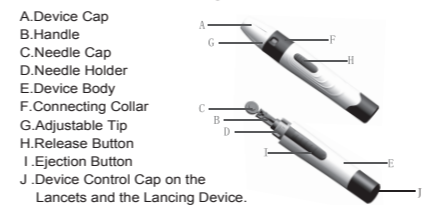
Meter Screen Display Message



- 1) Blood drop symbol
Flashes when it is ready to apply the blood sample.
- 2) Low battery symbol
Appears when the battery power is low.
- 3) Test strip symbol
Appears when the meter is turned on.
- 4) Test result area
Displays glucose results
- 5) Measurement unit
Appears with the test result in mg/dL
- 6) CTL symbol
Appears when doing a control test and indicates that the result won't be stored in the memory
- 7) Memory symbol
Appears when you review the memory
- 8) Date
- 9) Time

-09-

Overview of the lancing device



If your lancing device differs from the one shown here, please refer to the manufacturer's manual to ensure proper usage.

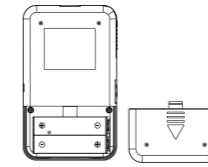
NOTE:

- To reduce the chance of infection:
- Never share a lancet or the lancing device.
 - Always use a new, sterile lancet. Lancets are for single use only.
 - Avoid getting hand lotion, oils, dirt, or debris when handling the lancets.

-15-

Before Your Begin

Installing the battery



1. Open the battery cover on the back of meter.
2. If replacing the batteries, please remove the used batteries.
3. Insert 2 new (AAA) batteries with correct +/- direction.
4. Close the battery cover.



Environment Protection – Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice.

-04-

Test Strip

Each strip can be used only once. The test strip consists of the following parts:

- 1 1-Absorbent hole
Apply a drop of blood here. The blood will be drawn in automatically.
- 2 2-Confirmation window
This is where you confirm if enough blood has been drawn into the absorbent hole of the strip.
- 3 3-Test strip handle
Hold this part to insert the test strip into the slot.
- 4 4-Contact bars
Insert this end of the test strip into the meter. Push it in firmly until it will go no further.

Attention!

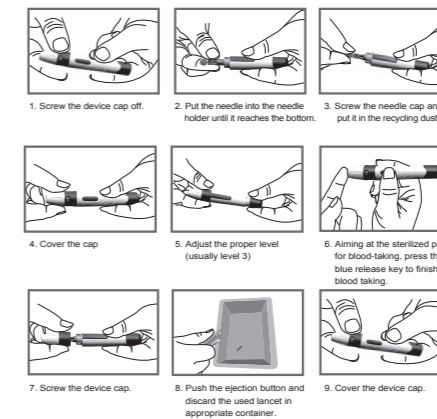
Test results might be wrong if the contact bar is not fully inserted into the test slot.

NOTE: The front side of the test strip should face up when inserting the test strip.



-10-

Setting up the lancing device



NOTE:

The adjustable tip offers 5 levels of skin penetration. Twist the adjustable tip to the proper level:
1-2 level for soft or thin skin
3 level for average skin
4-5 level for thick or calloused skin

-16-

INTRODUCTION TO THE SYSTEM ABOUT YOUR SYSTEM

Intended Use

- The Glucoracy Blood Glucose Monitoring System is comprised of Glucoracy Blood Glucose Meter and Glucoracy Blood Glucose Test Strips.
- The Glucoracy Blood Glucose Monitoring System is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary whole blood samples drawn from the fingertip. The Glucoracy Blood Glucose Monitoring System is intended to be used by a single person and should not be shared. It is intended for self-testing outside the body (in vitro diagnostic use) by people with diabetes at home as an aid to monitor the effectiveness of diabetes control. The Glucoracy Blood Glucose Monitoring System should not be used for the diagnosis of or screening for diabetes. The Glucoracy Blood Glucose Monitoring System is not for use in neonates.

Setting the meter and deleting the memory

1. Setting the date and time
 - 1.1 Setting the year
Press and Hold "S" button for 3 seconds, until the last two digits of the year will flash on the screen (for example, "14" equals 2014). Press "M" button until the correct year appears. Press "S".
 - 1.2 Setting the month
With the month flashing, press "M" until the correct month appears. Press "S".
 - 1.3 Setting the day
With the day flashing, Press "M" until the correct day appears. Press "S".
 - 1.4 Setting the AM/PM
With the AM or PM flashing, Press "M" until the correct one appears. Press "S".
 - 1.5 Setting the hour
With the hour flashing, Press "M" until the correct hour appears. Press "S".
 - 1.6 Setting the minute
With the minute flashing, Press "M" until the correct minute appears. Press "S".



Preparing the puncture site

Stimulating blood perfusion by rubbing the puncture site prior to blood extraction has a significant influence on the glucose value obtained. Blood from a site that has not been rubbed exhibits a measurably different glucose concentration than blood from the finger. When the puncture site was rubbed prior to blood extraction, the difference was significantly reduced.

- Please follow the suggestions below before obtaining a drop of blood:
- Rub the puncture site for about 20 seconds before penetration.
 - Select the puncture site at the fingertips.
 - Clean the puncture site using cotton moistened with 70% alcohol and let it air dry.

Fingertip testing

Hold the lancing device firmly against the side of your finger. Press the release key. You will hear a click, indicating that the puncture is complete.



NOTE:

- Choose a different spot each time you test. Repeated punctures at the same spot may cause soreness and calluses.
- It is recommended to discard the first drop of blood as it might contain tissue fluid, which may affect the test result.

-17-

料号： 611.425208-001P

材质： 80g书纸双面1C

尺寸： 420x285mm

折页： 风琴5折+风琴2折