



M | O 2282-G

Blood Glucose Monitoring System

Dear MIO 2282-G System User,

Thank you for choosing the MIO 2282-G Blood Glucose Monitoring System. MIO 2282-G 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 MIO 2282-G Blood Glucose Monitoring System and get reliable test results. Please keep your User Manual in a safe place; you may want to refer it in the future.

Thank you again for choosing the MIO 2282-G System.

Intended Use and Principle

MIO 2282-G Blood Glucose Monitoring System is comprised of the MIO 2282-G Blood Glucose Meter (TeleBGM 2282-G) and the MIO Blood Glucose Test Strips (VGS01). MIO 2282-G 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 MIO 2282-G Blood Glucose Meter and MIO Blood Glucose Test Strip

Electrocode end:

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

Sample tip:

where the blood is drawn in

Test strip port

Display

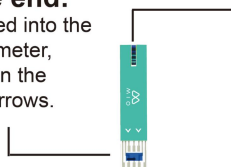
shows test results, and related information

Micro USB

Charging port

Button

press to turn on/off meter
Switch different function

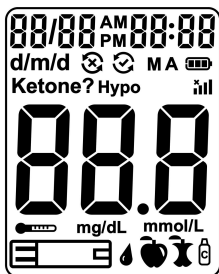


Your Meter Display

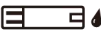
The picture below shows all the symbols that appear on your meter display.

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 be clear and exactly like the picture below. If not, contact 24/7 MIO Customer Support at 301-910-0529 for help. Please contact your healthcare professional if you need help.



Icon	What It Means
88/88	The top left area on the screen indicates date.
88:88	The top right area on the screen indicates year or time.
AM PM	The top middle area on the screen indicates morning or afternoon time.
d/m/d	Indicates the display form of day and month (d/m) or month and day (m/d).
	Data transmitted successfully.
	Data not transmitted.
M	Indicates test result history.
A	Indicates average value.
	Indicates the battery level.
Ketone?	Ketone warning. The symbol of "Ketone?" will appear when the test result is equal to or above 300 mg/dL.

Hypo	Indicates that a low glucose test result may cause hypoglycemia.
	Signal strength.
	Center area on the display that shows test results or error codes.
	Indicates the temperature is not suitable for testing.
mg/dL	Test results are displayed as mg/dL.
	When strip is inserted, the drop will flash, indicating the system is ready to test.
	Pre-meal marker.
	Post-meal marker.
	Control test result.

Notes:

Your MIO 2282-G Meter is preset with beep sound function, the meter will beep when:

- Turn on the meter.
- When setting the date and time (in set-up mode).
- When the test strip is inserted and ready for application of blood or control solution.
- When sufficient blood or control solution is pulled into the test strip.
- When the test is complete.
- If any error occurs during operation.

Meter Use and Precautions

- The meter is indoor use.
- 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 and avoid exposing it to extremes in temperature or humidity. Do not leave it in your car.
- Do not drop the meter or get it wet. If you do drop the meter or get it wet, check the meter by running a quality control test. Refer to **Testing with Control Solution** for instructions.
- Do not take the meter apart. Taking the meter apart will void the warranty.
- Refer to the **Cleaning and Disinfection** section for details on cleaning the meter.
- Keep the meter and all associated parts out of reach of children.

- Pollution degree: 2

Note: Follow proper precautions and all local regulations when disposing of the meter.

Important Safety Information

- The meter is single patient use. Do not share them 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 it is dropping into water or splashing water on to it.
- Wash and dry your hands well before and after testing.
- 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 and control solution vial label.
- Use only MIO Blood Glucose Test Strip with your MIO 2282-G Blood Glucose Meter.
- Use only MIO Control Solution with your MIO 2282-G Blood Glucose Meter and MIO Blood Glucose Test Strip.
- Please contact your physician or diabetes healthcare professional if you determine to make a change on your current medical therapy or diet activity based on test results.
- 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.

Note:

1. 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!
2. 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.
3. 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:
<https://wayback.archive-it.org/7993/20170111013014/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 healthcare 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.
- If your oxygen partial pressure is below 40 mmHg or above 120 mmHg (for example, undergoing an oxygen therapy), or if you undergo a treatment related to Mannitol, it may affect the test result.
- Not for use on critically ill patients.
- Not for use on patients in shock, or with severe dehydration
- Not for use on patients in a hyperosmolar state (with or without ketosis).
- The system should not be used following xylose absorption procedures.
- Not for neonatal use.
- Not for screening for or diagnosis of diabetes mellitus.
- Not for use in hypotensive individuals.
- Do not use at altitudes above 10,413 ft (3,174 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.

Note:

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

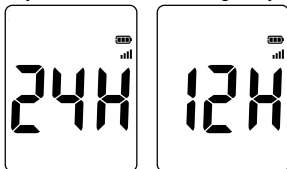
CHAPTER 2: SETTING UP YOUR SYSTEM

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

Set the Date and Time

1. Enter the setting mode and 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 24 or 12 hour mode. Press  to adjust it then press and hold  to save your choice. Start setting the year, month and day.



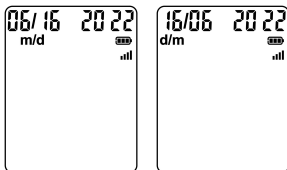
2. Set the date

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.

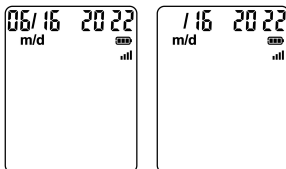


The display form of day and month will now flash, press  to set the display form to m/d or d/m mode, press and hold  until the meter beeps to set.

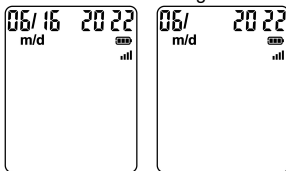
The meter will prompt you to set the month.



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

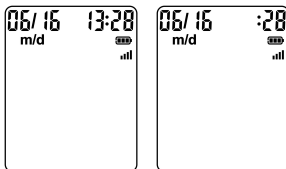


The day will now flash. Press $\ominus$ to adjust the day, press and hold $\ominus$ until the meter beeps to set, then it will shift to the next digit for setting.

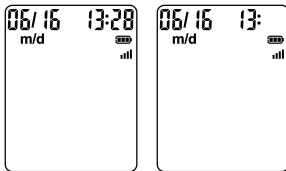


3. Set the time

After the date setting is completed. Press $\ominus$ to adjust the current hour, press and hold $\ominus$ until the meter beeps to set, then it will shift to the next digit for setting.



The minute will now flash. Press $\ominus$ to adjust the minute, press and hold $\ominus$ to set.

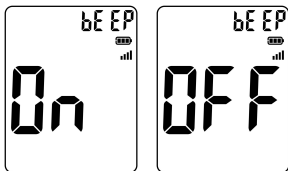


Note:

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

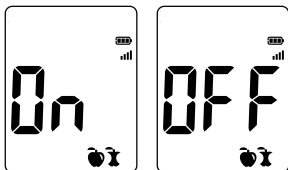
Set the Audio Feature

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



Set the Meal Marker

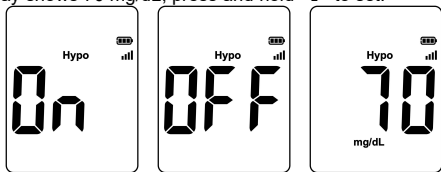
After setting the audio feature, the symbols of   will now flash, along with the word “On” or “OFF” on the display. Press  to adjust to turn the meal marker function on or off, press and hold  to set.



Set the Hypoglycemia (Hypo) Warning

After setting the meal marker, you can set the hypo alarm, which indicates a possible hypoglycemic condition (blood glucose level too low).

After you have confirmed the meal marker setting, the **Hypo** flashes on the display along with “On” or “OFF” on the display. Press  button to turn the Hypo alarm function on or off, then press and hold  to set. If you select the Hypo alarm to be “On”, the display shows 70 mg/dL, press and hold  to set.

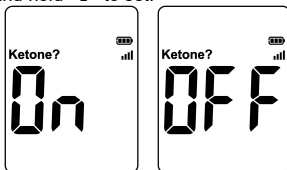


Notes:

- Talk to your healthcare professional to help you decide the hypo level that suits your health condition.

Set the Ketone Warning

After the hypo warning setting is completed, the **Ketone?** symbol will now flash, along with word “On” or “OFF” on the display. Press  button to turn the Ketone Warning on or off; press and hold  to set.



Now you have completed your meter set up. Power  button for 5 seconds when a symbol of a flashing strip appears letting you know the meter is ready to test.



Once all the settings are completed, if you want to change the setting, please press and hold the power  button for 5 seconds when the meter is powered off and then to return to the set-up mode.

CHAPTER 3: PERFORMING A TEST

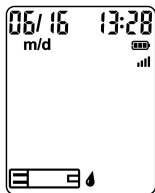
Set up your meter correctly and have all the materials you will need ready before you begin testing. This includes your MIO 2282-G Blood Glucose Meter, MIO Blood Glucose Test Strips, and MIO lancing device and lancets.

Preparing the Test Strip

1. Wash and dry your hands well before testing.
2. Remove a test strip from the test strip vial. 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 flashing blood drop will appear letting you know the meter is ready to test.



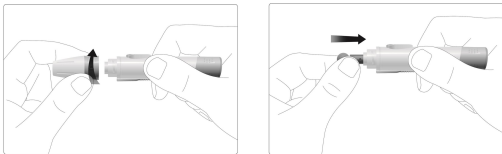
Note:

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 MIO test strips have 6 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

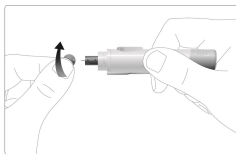
For fingertip sampling, adjust the depth penetration to reduce the discomfort. You do not need the clear cap for fingertip sampling.

1. Unscrew the lancing device cover 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.

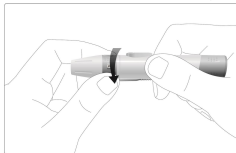


Note: The **MIO** lancing device uses **ONLY MIO** sterile lancets.

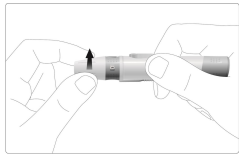
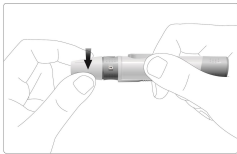
2. Hold the lancet firmly in the lancing device and twist the safety tab of the lancet until it loosens, then pull the safety tab off the lancet. Save the safety tab for disposing the used lancet.



3. Carefully screw the cover 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.



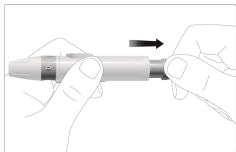
Adjustment:

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

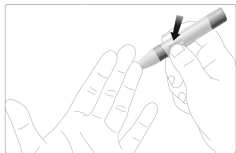
Note: Greater pressure of the lancing device against the puncture site will also increase the puncture depth.

Getting a Blood Drop for Testing

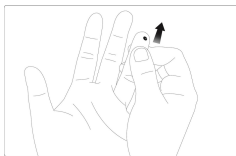
1. Pull the cocking barrel back to set the lancing device. You may hear a click to indicate the lancing device is now loaded and ready for obtaining a drop of blood.



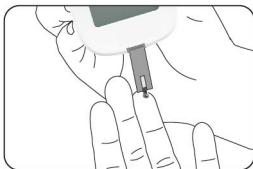
2. Press the lancing device against the side of the finger to be lanced with the cover resting on the finger. Push the release button to prick your fingertip. You should hear a click as the lancing device activates.



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 greatest reduction in 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.



6. After the testing is completed, the measurement data will be transmitted.

Note:

You could log in to the MIOCONNECT Web App to view the historical measurement data from the website: play.mio-labs.com

Discard the Used Test Strip

You can eject and discard the used test strip by using the strip ejector.



Potential Biohazard

Dispose of the used test strips as medical waste.

Note:

1. 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!
2. 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 healthcare professional as soon as possible.
- If you test result is above 250 mg/dL or you see HI (greater than 600 mg/dL) on the meter display, contact your healthcare professional as soon as possible.
- Please contact your physician if you determine to make a change on your current medical therapy based on MIO 2282-G Blood Glucose Meter test result.

Expected Diabetes Control Goal:

Expected blood glucose values for most non-pregnant adults with diabetes:

Time	Range, mg/dL	Range, mmol/L
Before a meal	80 – 130	4.4 – 7.2
1-2 hours after the beginning of the meal	<180	<10.0

Reference: American Diabetes Association; Standards of Medical Care in Diabetes—2021 Abridged for Primary Care Providers. Clin Diabetes 1 January 2021; 39 (1): 14–43.

Note: Please work with your healthcare professional to determine a target range that works best for you.

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 6 months.
- Confirm the temperature in which you are testing is between 41-113°F.
- 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.
- Make sure that you followed the test procedure correctly.
- Perform a control solution test (See **Testing with Control Solution** for instructions).

After checking all of the conditions listed above, repeat the test with a new test strip. Please contact 24/7 MIO Customer Support at 301-910-0529 for technical support or questions.

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 when:

- Once a week.
- Before using a new box of test strip.
- When you suspect that the meter and test strips are not working together properly.
- If you suspect your meter is damaged.
- After cleaning 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 MIO Control Solutions (1, 2 or 3) to practice on the system.
- Your meter automatically recognizes the control solution.
- The control solution results are not including in the average value calculation.
- Store the control solution at 36-86°F, 10-90% humidity.
- All expiration dates are printed in Year-Month-Day format. 2023-01-01 indicates 1st January, 2023.
- Do not use control solution that is out of the expiration date or discard date (the control solution will expire 6 months after the vial is opened for the first time).
- Shake the vial well before use.
- Close the vial tightly after use.

Performing a Control Test

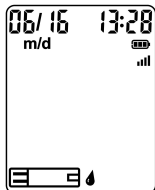
1. Remove a test strip from the test strip vial. Tightly close the vial cap immediately after you have removed the test strip.

Note: 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 vial thoroughly. Squeeze the control solution vial gently and discard the first drop. Squeeze out a second small drop on a clean nonabsorbent surface.



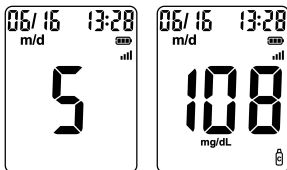
Note: Do not apply control solution to the test strip directly from the vial.

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.



Note: If the control solution 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.

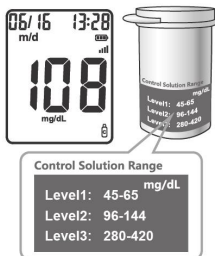
6. Hold it in the drop until the meter beeps, and then you see the meter count down on the screen, followed by your control test result.



Note: 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.



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 vial have not been opened for more than 6 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% humidity.*
- *Make sure that the test strip vial and the control solution vial have been tightly capped.*
- *Make sure the test strip was used immediately after removing from the test strip vial.*
- *Make sure the control solution was mixed well.*
- *Confirm that you are using MIO 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 24/7 MIO Customer Support at 301-910-0529. Please contact your healthcare professional if you need help.

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 time, date and meal marker. Test results are stored from the newest to the oldest. The meter will also calculate the average values of blood Glucose records from the last 7, 14 and 30 days.

Notes:

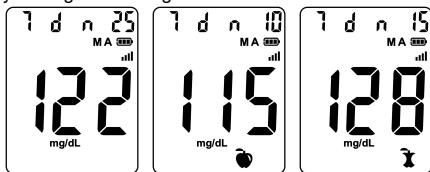
- *If there are already 500 records in memory, the oldest record will be erased to make room for a new one.*
- *Control results of blood glucose are not included in the 7, 14 and 30 day average calculation.*

Viewing Your Test Results

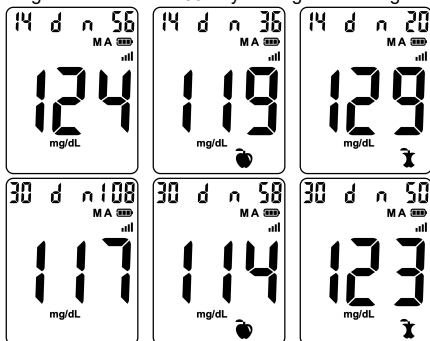
When your meter is off, press  button to turn meter on. After a beep, a symbol of a test strip flashes on the display. Press  button to review previous results in order. Results will be shown starting with the most recent. Each result will show the date and time the test was taken.

Continue press  button for 2 seconds until the 7-day average of blood glucose

appears in the center of the display. If you want to review the memory after you immediately performed a test, when the test result on the display, press  button to see the 7-day average of blood glucose.



Continue to press  button to view the 14-day average of blood glucose, then press  button again to review the 30-day average of blood glucose.



When **END** appears on the display, you have viewed all of the results in the memory.



CHAPTER 4: MAINTENANCE AND TROUBLESHOOTING

Proper maintenance is recommended.

Charging the Battery

When the meter needs to be charged, the Empty Battery Symbol () will appear. When the Empty Battery Symbol () and 'E11' appear on the screen, the meter cannot be used. You must charge 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) (AC adapter, Input: 100-240V~, 50/60Hz, 0.2A Max; Output: 5.0V, 1.0A; OVERVOLTAGE CATEGORY: II)

If you need the AC adapter which is 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. 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.

NOTE:

- Using the Micro USB cable or AC adapter charges the battery in about 3 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 charge the battery when the Empty Battery Symbol () appears.



Caution:

- If you use the AC adapter which is not provided by MIO, please ensure it meets the standard ANSI/AAMI ES 60601-1;
- If you use the USB port on your computer to charge the battery, please ensure the computer meets the standard IEC 60950.



Warning:

Please note that the battery is not removable. If the battery needs to be separated for sorting and discarding due to scrap of the product, please keep it away from children. A lithium battery is poisonous. If swallowed, immediately contact your doctor or poison control center. Discard battery according to your local environmental regulations.

Caring for Your Glucose Monitoring System

- Store meter in the carrying case provided whenever possible.
- Wash and dry hands well before handling to keep the meter and test strips free of water and other contaminants.
- MIO 2282-G 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 MIO 2282-G Blood Glucose Meter should be cleaned and disinfected a minimum of once per week. Use only Clorox™ Healthcare Bleach Germicidal Wipes, which has been proven to be safe to use with the MIO 2282-G Blood Glucose Meter.

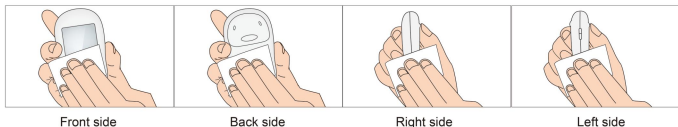
Cleaning is part of your normal care and maintenance and should be performed prior to disinfection, but cleaning does not kill germs. After use and exposure to blood, all parts of this kit can potentially transmit infectious diseases. Disinfecting reduces the risk of transmitting infectious diseases.

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

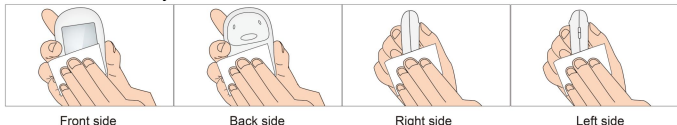
Left side

The meter should be cleaned whenever they are 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



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 the MIO 2282-G system. Clorox™ Healthcare Bleach Germicidal Wipes are available by visiting and purchasing at <http://www.walmart.com>, <http://www.staples.com/>, and <https://www.amazon.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 USB 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. Such as: cloudy display window, plastic housing cracking, meter's button does not function, partial display on full screen, 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 24/7 MIO Customer Support at 301-910-0529. Please contact your healthcare professional if you need help.

Troubleshooting Guide

What You See	What It Means	What You Should Do
	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.
	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.
	Incorrect test strip.	Discard the test strip and repeat the test with a new test strip. Make sure that you are using a MIO test strip.
	Incorrect sample.	Discard the test strip and repeat the test with a new test strip. Make sure that only human capillary blood and MIO control solution are used for the test.
	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.
	Potential hardware error.	Restart the meter. If the problem continues, contact 24/7 MIO Customer Support at 301-910-0529.
	A test strip was inserted while the meter was connected to a computer or wall outlet.	When the charge is completed (about 3 hours for charging an empty battery), remove the Micro USB cable from the meter, and then take a test.

	Insufficient sample.	Repeat the test and apply enough sample to fill the test strip check window.
	Running out of battery.	Charge the battery.
	Data transmitted not	Please check network connection. Then discard the test strip and repeat the test with a new test strip. If the problem continues, contact 24/7 MIO Customer Support at 301-910-0529.
	Network connected not	Restart the meter. Please check if your SIM data is used up. If the problem continues, contact 24/7 MIO Customer Support at 301-910-0529.
	The test result is above 600 mg/dL.	Wash and dry your hands well and the test site. Repeat the test using a new test strip. If your result 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.		
	The test result is below 20 mg/dL.	Wash and dry your hands well and the test site. Repeat the test using a new test strip. If your result still flashes "LO", contact your healthcare 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 (Hyperglycemia):

- 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 healthcare professional immediately.

CHAPTER 5: SPECIFICATION INFORMATION

System Specifications:

Feature	Specification
Measurement Range	20 - 600 mg/dL
Measurement Result	Plasma Glucose
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	≤ 3h,  Direct current
Battery Type	Rechargeable, 800 mAh, 3.7 Volt DC nominal, lithium polymer battery (5V input charge voltage)
Unit of Measure	The meter is preset to milligrams per deciliter (mg/dL)
Memory	500 records
Automatic Shutoff	2 minutes after last action
Dimensions	95.5 mm x 59.1 mm x 20.5 mm
Display Size	47 mm x 37.5 mm
Weight	Approximately 70g
Operating Temperature	41 - 113°F
Operating Relative Humidity	10-90% (non-condensing)
Hematocrit Range	20 - 70%
Charging Port	Micro USB
Data Transmission	4G

The MIO 2282-G Blood Glucose Monitoring System was tested by 353 lay users using capillary blood samples and three MIO 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	0.9971
Intercept	-0.2597 mg/dL
Correlation coefficient (R)	0.9950
Number of sample	353
Range tested	48.4 to 448.5 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 MIO 2282-G 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%	240/353 (68.0%)	337/353 (95.5%)	353/353 (100%)	353/353 (100%)

Accurate Results (Meter result is +/-15% of laboratory result)	353 out of 353 (100% of results)
More Accurate Results (Meter result is +/-10% of laboratory result)	337 out of 353 (95.5% of results)
Most Accurate Results (Meter result is +/-5% of laboratory result)	240 out of 353 (68.0% of results)

Warranty

Please complete the warranty card that came with this product and mail it to

Mio Labs Inc.

#1023, ZGC Innovation Center,

4500 Great America Pkwy, Santa Clara, CA 95054

If the meter fails to work for any reason other than obvious abuse within the first five (5) years from purchase, we will replace it with a new meter free of charge. For your records, also write the purchase date of your product here.

Date of purchase: _____

Note:

This warranty applies only to the meter in the original purchase, and does not apply to the battery supplied with the meter.

FCC Requirement

RF Exposure Compliance

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 4.0 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the extremity, with 00mm separation.