Multi-function Monitoring System

Dear **Keto-Mojo™ GKI** System User,

Thank you for choosing the **Keto-Mojo™ GKI** System! **Keto-Mojo™ GKI** System is designed for easy test of blood Glucose/blood Ketone and helps you keep them under control.

Read this User's Manual carefully before you use your meter system. Please keep your User's Manual in a safe place; you may want to refer it in the future.

Thank you again for choosing the **Keto-Mojo™ GKI** System.

Principle and Intended Use

The **Keto-Mojo™ GKI** Multi-function Monitoring System is designed to quantitatively measure the blood Glucose concentration in fresh capillary/venous/arterial/neonatal whole blood, and the blood Ketone concentration in fresh capillary whole blood. The **Keto-Mojo™ GKI** Multi-function Monitoring System is based on measurement of electrical current caused by the reaction of the Glucose/Ketone with the reagents on the electrode of the test strip. The blood sample is pulled into the tip of the test strip through capillary action. Glucose/Ketone in the sample reacts with the enzyme and the mediator. Electrons are generated, producing a current that is positive correlation to the Glucose/Ketone concentration in the sample. After the reaction time, the Glucose/Ketone concentration in the sample is displayed. The meter is calibrated to display plasma calibrated results.

The **Keto-Mojo™ GKI** Multi-function Monitoring System is intended for use outside the body (*in vitro* diagnostic use) by people at home and healthcare professionals in clinical setting, as an aid to monitor the effectiveness of diabetes control. The system should not be used for diagnosis of diabetes. Professionals may also test neonatal, venous and arterial blood samples.

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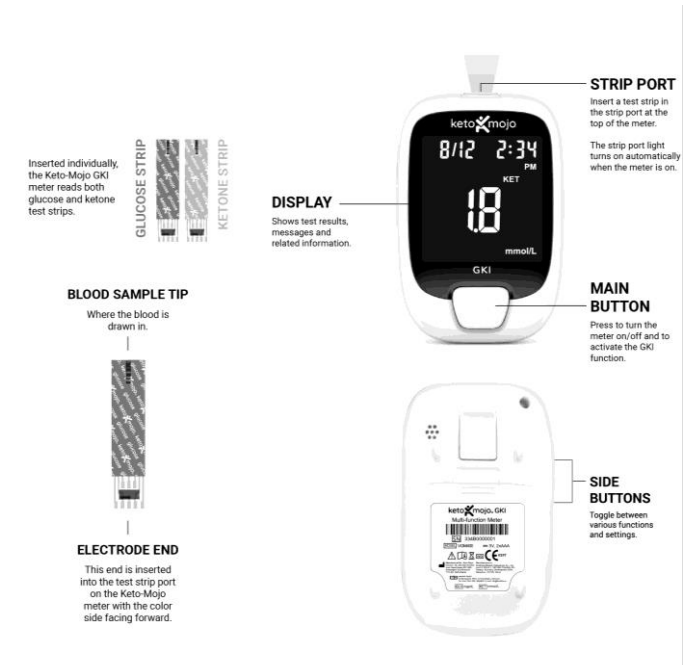
CHAPTER 1: UNDERSTANDING YOUR TESTING TOOLS

Your Meter System Overview

The **Keto-Mojo™ GKI** Multi-function Meter and Test Strips



Your Meter Display

The picture below shows all the symbols that appear on your meter display. To make sure the display is working properly. All of the segments should be clear and exactly like the picture below. If not, contact **Keto-Mojo** for further assistance.

Icon	What it Means
88/18	Top left area on the screen indicates date.
88:88	Top right area on the screen indicates year or time.
d/m	Date, month.
	Indicates successful Bluetooth communication
	Indicates failed Bluetooth communication
	Indicates the alarms have been set.
GLU	Blood Glucose test mode.
GKI	Glucose Ketone Index and GKI test mode.
KET	Blood Ketone test mode.
A	Indicates average value.
	Indicates low battery or battery needs to be replaced.
MEM	Indicates test result history.
88.88	Center area on the display that shows test results or error codes.
	Indicates the system is ready to test.
Ketone?	Ketone warning.
Hypo	Indicates that a low Glucose test result may cause hypoglycemia.
	Pre-meal marker.

	Post-meal marker.
	Control test result.
mg/dL mmol/L	Test results are displayed as mg/dL or mmol/L according to local government regulation.
	Indicates the temperature is not suitable for testing.

Notes:
*Your **Keto-Mojo™ GKI** Multi-function Meter is pre-set with beep sound function, the meter will beep when:*

- *You turn on the meter.*
- *While setting the test type.*
- *When setting the date and time.*
- *When the test strip is inserted and is 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 pre-set to display blood Glucose/Ketone concentration in either millimoles per liter (mmol/L) or milligrams per deciliter (mg/dL) depending on which unit of measure is standard in your country. And meter is pre-set to display blood Ketone concentration in millimoles per liter (mmol/L). The unit of measure cannot be adjusted.
- 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 **Quality Control Test** for instructions.
- Do not take the meter apart. Taking the meter apart will void the warranty.
- Refer to the **Caring for Your Meter** section for details on cleaning the meter.
- Keep the meter and all associated parts out of reach of children.

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

All Glucose systems preventive warnings with regard to EMC

1. This instrument is tested for immunity to electrostatic discharge as specified in IEC 61000-4-2. However, use of this instrument in a dry environment, especially if synthetic materials are present (synthetic clothing, carpets, etc.) may cause damaging static discharges that may cause erroneous results.
2. This instrument complies with the emission and immunity requirements described in EN61326-1 and EN61326-2-6.Do not use this instrument in close

proximity to sources of strong electromagnetic radiation. It may interfere with proper operation of the meter.

3. For professional use, the electromagnetic environment should be evaluated prior to operation of this device.

Important Safety Information

- Do not use the meter if it is dropped into water or water splashes on it.
- Test strips and lancets are for single use only.
- Do not drop blood on the flat surface of the test strip.
- Check the expiration dates and discard dates on your test strips foil pouch / kit box and control solution bottle label.
- Use only **Keto-Mojo™** Blood Glucose/Blood Ketone Test Strip with your **Keto-Mojo™ GKI** Multi-function Meter.
- Use only **Keto-Mojo™** Blood Glucose/Blood Ketone Control Solution with your **Keto-Mojo™ GKI** Multi-function Meter.

Potential Biohazard

Healthcare professionals or persons using this system on multiple patients should follow the infection control procedure approved by their facility. All products or objects, which come in contact with human blood, even after cleaning, should be handled as if capable of transmitting viral disease

CHAPTER 2: SETTING UP YOUR SYSTEM

Before using your meter for the first time or if you change your meter battery, you should check and update your meter settings.

Set the Date and Time

1. Enter the setting mode and set the clock

When the meter is off, press and hold the power button for more than 2 seconds until the meter beeps to enter the set up mode. Press the button on the left side of the meter to adjust and set the clock for 12 or 24 hour mode, then press the power button to save your choice. Now you can proceed to set the date.

2. Set the date

The year position will now flash on the display. Press the button on the left side of the meter to adjust it until the year setting is completed, then press the power button until the meter beeps to set.

The month will now flash, press the side button to adjust the month. Press the power button until the meter beeps to set.

The date will now flash, press the side button to adjust the date until the date setting is completed, then press the power button until the meter beeps to set.

3. Set the time
After the date setting is completed, press the power button until the meter beeps to set, the hour will now flash. Press the side button to adjust the current hour until the hour setting is completed, then press the power button until the meter beeps to set.

The minute will now flash, press the side button to adjust the minute until the minute setting is completed.

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

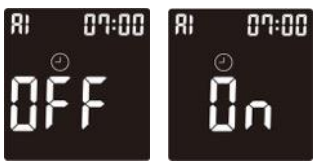
After setting the time, press the power button until the meter beeps to set, the beep will now flash. Press the side button to set ON or OFF, press the power button to save the audio setting.

Set the Test Alarm

After the audio setting is completed, the meter will enter the test alarm setting mode, the reminder function reminds users to take a measurement. You can set up to 5 reminders per day. If you turn 5 test alarms on (A1, A2, A3, A4 and A5), your meter is pre-set with the following times for your convenience, you can adjust each time to suit your needs.

A1 7:00 A2 9:00 A3 14:00 A4 18:00 A5 22:00

Before you set the time, the and the word “OFF” will be displayed, symbol “A1” flashes. Press side button to turn the alarm function on or off, and press power button to save.



If you select “On”, the hour flashes, “A1” and the will remain on the display. Press side button to select the hour. Press power button to set.

The minute flashes, press side button to select 00, 15, 30, or 45. These are the only choices, press power button to set.

The next alarm “A2” flashes on the display with “OFF”.

You can either set a second alarm by pressing side button to turn on the second alarm. Do the same procedures to set the rest alarms.
Note: *If the meter is on at the test reminder time, the test alarm will not get activated.*

Set the Meal Marker

After setting the test alarm functions, the symbols of will now flash, along with word “On” on the display. Press the side button to turn the meal marker function on or off, press power button 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 sugar level too low).
After you have confirmed the selection of setting test alarm, the **Hypo** flashes on the display along with “On” on the display. Press side button to turning the Hypo alarm function on or off, press power button to set. If you select the hypo alarm “on”, the display shows 70 mg/dL with the symbol of “GLU” on the display, press power button to set.

Notes:

- Talk to your healthcare professional to help you decide the hypo level that suit for health condition.
- For healthcare professionals, the hypoglycemic level may vary from person to person. It is recommended to turn the hypo alarm function OFF when using the meter in a professional facility.

Set the Ketone Warning

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

If you turn Ketone Warning on, the **Ketone?** symbol will appear with the other symbols that you have set before.
After setting Ketone Warning, the screen will show all symbols which you have set before. Press power button and the meter will be turned off.

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

Pairing Your Meter with the Smart Phone

Pairing prepares your **Keto-Mojo™ GKI** Multi-function Meter and Smart Phone to communicate with each other. The distance between the meter and Smart Phone should be within 5 meters. Download the **Keto-Mojo™ App** before pairing your meter and Smart Phone.
***Note: Keto-Mojo™ App** is compatible with Android software version 4.1 and above and ios version 8.0 and above.*

WARNING
Do Not pair another person's meter with your Smart Phone.

To pair the Smart Phone with your meter, start with your meter turned on and follow these steps:

1. Turn your meter on.
2. Turn on Bluetooth? on your Smart Phone.
3. Look for a device named **Keto-Mojo™ GKI** Meter. This is your meter.
4. Tap on the entry that represents your **Keto-Mojo™ GKI** Multi-function meter.
5. Enter your meter pass code using the keypad. The pass code is the last 5 digits from the Serial Number on the back of your meter.
6. Tap Pair.

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 **Keto-Mojo™ GKI** Multi-function Meter, **Keto-Mojo™** Blood Glucose test strips, **Keto-Mojo™** Blood Ketone test strips, and **Keto-Mojo™** 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 foil pouch.
3. Insert the test strip into the meter in the direction of the arrows.

4. A symbol with a test strip with a flashing blood ( ) will appear letting you know the meter is ready to test.

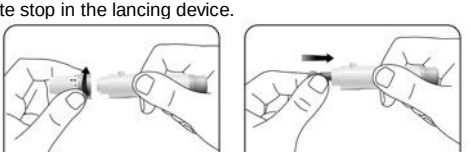
Note:

Check the expiration and discard dates on the test strip foil pouch. All expiration dates are printed in Year-Month format. 2021-01 indicates January, 2021. Make sure the test strip does not appear damaged. Prior to testing, wipe and dry the test site with an alcohol swab or soapy water. Make sure there is no cream or lotion on the test site.

Preparing the Lancing Device

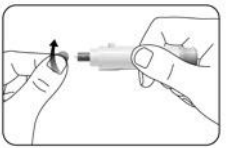
For fingertip sampling, adjust the depth penetration to reduce the discomfort. You do not need the clear cap for fingertip sampling.

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.

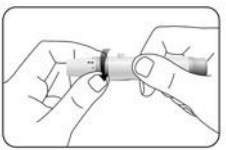


Note: *The **Keto-Mojo™** lancing device uses **ONLY Keto-Mojo™** sterile lancet.*

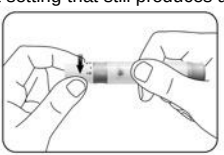
2. Hold the lancet firmly in the lancing device and twist the safety tab of the lancet until it loosens, then pull the safety tab off the lancet. Save the safety tab for disposing used lancet.

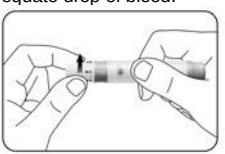


3. Carefully screw the cover back onto the lancing device. Avoid contact with the exposed needle. Make sure the cover is fully sealed on the lancing device.



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





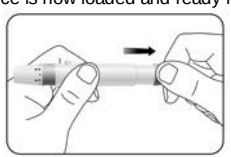
Adjustment:

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

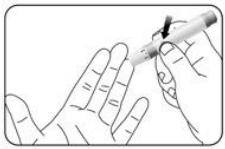
Note: *Greater pressure of the lancing device against the puncture site will also increase the puncture depth.*

Getting a Blood Drop for Testing

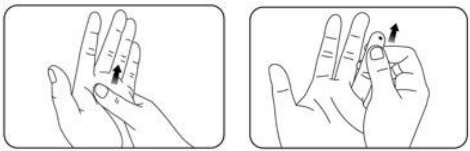
1. Pull the cocking barrel back to set the lancing device. You may hear a click to indicate the lancing device is now loaded and ready for obtaining a drop of blood.



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. Gently massage from the base of the finger to the tip of the finger to obtain the required blood volume. Avoid smearing the drop of blood. For the greatest reduction in pain, lance on the side of the fingertips. Test immediately after a good blood drop has formed.



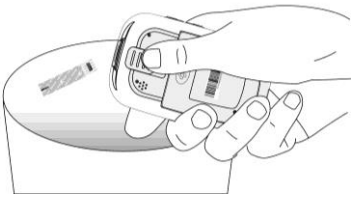
4. Immediately touch the tip of the test strip to the drop of blood. The blood will get pulled into the test strip through the tip. Make sure that the blood sample has fully filled the check window of the tip of the strip. Hold the tip of the test strip in the blood drop until the meter beeps.

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. For Glucose testing, the meter counts down from 5 to 1, and for Ketone testing, the meter counts down from 9 to 1. And then the result appears on the display. The test result will automatically be stored in the meter memory. Please do not touch the test strip during the countdown as this may result in an error.

Discard the Used Test Strip

You can eject and discard the used test strip by using the strip ejector. Meter turns off automatically after a beep.



Potential Biohazard

Dispose of the used test strips as medical waste.

Questionable or Inconsistent Results:

If your blood Glucose/blood Ketone result does not match how you feel, please*:*

- Check the expiration date of the test strip.
- Confirm that the room temperature during testing blood Glucose is between 5 and 45°C, and between 7.5 and 45°C for testing blood Ketone.
- Make sure the test strip has been stored in cool, dry place.
- Make sure the test strip was used immediately after removing from the test strip foil pouch.
- Make sure that you followed the test procedure correctly.
- Perform a control solution test (See **Performing a Control Test** for instructions).

After checking all of the conditions listed above, repeat the test with a new test strip. If you are still unsure of the problem, please contact **Keto-Mojo** immediately for further assistance.

Removing the Used Lancet

Unscrew the lancing device cover. Place the safety tab of the lancet on a hard surface and carefully insert the lancet needle into the safety tab.

Press the release button to make sure that the lancet is in the extended position. Slide the ejection button forward to discard the used lancet. Place the lancing device cover back on the lancing device.

Potential Biohazard

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

Caution:

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

Alternative Site Testing

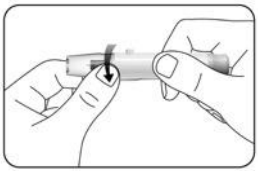
Blood samples for Glucose testing may be taken from sites other than your fingertips. Alternative site testing using blood from the forearm or palm may give Glucose/Ketone results that significantly differ from fingertip blood. Differences occur when blood Glucose levels are changing rapidly, such as after a meal, after insulin, during or after exercise.

The forearm and palm areas have less nerve endings than the fingertip. You may find that obtaining blood from these sites are less painful than from the fingertip. The procedure for forearm and palm sampling is different. You need the clear cap to draw blood from these sites. The clear cap is not adjustable for puncture depth.

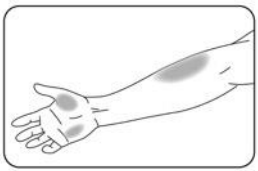
Notes: for blood Ketone test, it isn't allowed to use alternative site testing.

Follow Step 1 and 2 of "Preparing the Lancing Device" to insert the lancet and load the lancing device.

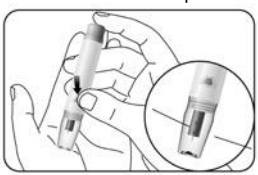
3. Screw the clear cap onto the lancing device.



4. Choose a puncture site on the forearm or palm. Select a soft and fleshy area of the forearm and palm that is clean and dry, away from bone, and free of visible veins and hair. To bring fresh blood to the surface of the puncture site, massage the puncture site vigorously for a few seconds until you feel it getting warm.



5. Place the lancing device against the puncture site. Press and hold the clear cap against the puncture site for a few seconds. Press the release button of the lancing device, but do not immediately lift the lancing device from the puncture site. Continue to hold the lancing device against the puncture site until you can confirm a sufficient blood sample has formed.



Notes:

- *Consult your healthcare professional to determine if alternative site testing is right for you.*
- *Alternative site testing is not recommended if you have hypoglycemic unawareness (you do not recognize the symptoms of or cannot tell when you have low blood Glucose). Please consult with your healthcare professional if you have low blood Glucose level.*
- *Select a soft, fleshy area of skin that is free from hair, moles and visible veins for alternative site testing. Wash the site with soap and warm water, then rinse and dry thoroughly.*
- *Use alternative site testing for blood Glucose tests only when it is more than 2 hours after:*

• A meal • Taking medication • Exercise

GKI Testing

Enter GKI testing mode, test your blood Glucose and blood Ketone, and simultaneously understand your GKI result (Glucose Ketone Index).

1. Enter GKI testing mode

When screen is on, press power button for 3s –GKI and strip icons will both flash, then press power button again to confirm.

2. Performing Blood Glucose Testing

First，a symbol with a test strip with “GLU” and “GKI” will appear letting you know the meter is ready to test blood Glucose.

Insert the **Keto-Mojo™** blood Glucose test strip into the meter in the direction of the arrows.

Then, a symbol with a test strip with a flashing blood will appear letting you know the meter is ready to test.

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.

The meter counts down 5 seconds and your blood Glucose result appears on the display after a beep. The test result will display for 1 second and will be automatically stored in the meter memory. And then the meter turns to blood Ketone testing.

If you insert the wrong strips, the meter will show the error message:

3. Performing Blood Ketone Testing

Now, the meter turns to blood Ketone testing. A symbol with a test strip with “KET” and “GKI” will appear letting you know the meter is ready to test blood Ketone.

Insert the **Keto-Mojo™** blood Ketone test strip into the meter in the direction of the arrows. Please note to perform a GKI test , the time interval between Glucose and Ketone test should be less than 3 minutes , if the time interval between Glucose and Ketone test is more than 3 minutes , the meter will exit the GKI mode and GKI mode will be deactivated.

Then, a symbol with a test strip with a flashing blood will appear letting you know the meter is ready to test.

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.

The meter counts down 10 seconds and your blood Ketone result appears on the display after a beep. The test result will display for 1 second and automatically be stored in the meter memory. And then the meter turns to GKI testing.

If you insert the wrong strips, the meter will show the error message:

4. Understand Your GKI Result

One second after the Ketone result, the meter display will show GKI result permanently, and store it in memory.

WHAT IS THE GLUCOSE KETONE INDEX?

The Glucose Ketone Index (GKI) is a simple formula that tracks the ratio of blood Glucose to Ketones as a single value. But more important, it's a biomarker for tracking metabolic health as well as the level of ketosis.

WHY GKI IS IMPORTANT

On their own Glucose or Ketone readings deliver a snapshot of a certain moment, meaning the readings can be independently influenced by immediate variables such as stress, which heightens blood Glucose, or a fat-rich meal, which can heighten ketones.

GKI provides a better overall view of metabolic status and the state of ketosis because its calculation takes into account the variables and thus normalizes them, resulting in a more accurate, stable picture.

Think of GKI as a tool. It has become an increasingly important measure in the medical industry for the tracking of therapeutic ketosis, which is being successfully used to manage chronic health conditions.

WHEN AND HOW OFTEN TO TEST

Blood Glucose and Ketone tests should be conducted 2 to 3 hours postprandial (after a meal), twice a day, if possible. Testing twice a day best shows how dietary intake affects GKI.

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:

- At least once a week
- When you open a new box of test strip
- When you want to check the meter and test strips
- If your test strips were stored in extreme temperature or humidity
- After cleaning your meter
- If you have dropped the meter
- Your test result does not match with how you feel

About the Control Solutions

- Only use **Keto-Mojo™** Glucose/Ketone Control Solutions (Normal or High) to practice on the system.
- The control solution results are not included in the average value calculation.
- All expiration dates are printed in Year-Month format. 2021-01 indicates January, 2021.
- Do not use control solution that is past the expiry date or discard date (the control solution will expire 6 months after the bottle is opened for the first time).
- Shake the bottle well before use.
- Close the bottle tightly after use.

Performing a Control Test

1. Remove a test strip from the test strip foil pouch.

Note: *Check the expiration of the test strips. Do not use the expired test strip.*

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

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

4. Shake the control solution bottle thoroughly. Squeeze the control solution

bottle gently and discard the first drop. Squeeze out a second small drop on a clean nonabsorbent surface.

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

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

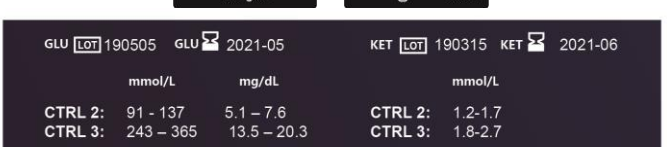
Note: *If the control solution sample does not fill the check window, do not add a second drop. Discard the test strip and start over with a new test strip.*

6. Hold it in the drop until the meter beeps, and then you see the meter count down on the screen and followed with 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 box or 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 control solution bottle has not been opened for*

more than 6 months. Discard any expired test strips or control solution.

- *Confirm the temperature in which you are testing of Glucose control is between 10 and 40°C, and testing of Ketone control is between 15 and 40°C*
- *Make sure that the control solution bottle have been tightly capped.*
- *Make sure the test strip was used immediately after removing from the test strip foil pouch.*
- *Make sure the control solution was mixed well.*
- *Confirm that you are using **Keto-Mojo™** 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 box or label, your meter or test strips may not be working properly. **DO NOT** use the system to test blood. Contact **Keto-Mojo** for further assistance.

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 not be included in your blood Glucose averages.

Using the Meter Memory

Your meter automatically stores up to 1000 results with time and date. 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 1000 records in memory, the oldest record will be erased to make room for a new one.*
- *It is very important to set the correct time and date in the meter, please make sure the time and date are correct after you change your battery.*
- *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 power button to turn meter on after a beep, a symbol of strip flashes on the display, press power button again, the 7 day average of blood Glucose will appear in the center of the display. If you want to review the memory after you immediately performed a test, with the test result on the display, press power button to see the 7 day of blood Glucose average.

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

Continue to press power button to review previous results in order (including blood Glucose and blood Getone). Results will be shown starting with the most recent, each result will show the date and time the test was taken.

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

CHARTER 4：MAINTENANCE AND TROUBLESHOOTING

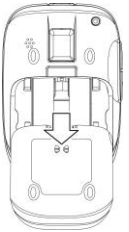
Proper maintenance is recommended for best results.

Replace the Battery

When the meter needs batteries to be replaced, the battery symbol ( ) will appear.

1. Turn your meter off before changing the batteries.

2. Press firmly on the battery cover and slide.



Note:
After you change the batteries, your meter prompts you to confirm the meter's time and date settings. All the test results are saved in the memory.

3. Lift out and remove the old batteries.

4. Place new battery under the prongs and into the battery compartment.

5. Slid the battery cover back into place, lining up with the open slots, and close firmly.

Warning:
Keep battery away from children. 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 Keto-Mojo™ GKI Multi-function Monitoring System

Multi-function Meter
Your **Keto-Mojo™ GKI** Multi-function Meter does not require special maintenance or cleaning. A cloth dampened with water and a mild detergent solution can be used to wipe the outside of the meter. Take care to avoid getting liquids, dirt, blood or control solution into the meter through the strip or data port. It is recommended that you store the meter in the carrying case after each use.
The **Keto-Mojo™ GKI** Multi-function Meter is a precision electronic instrument. Please handle it with care.

Lancing Device
Clean the lancing device using a soft cloth with mild soap and warm water as required. Use 70% Isopropyl Alcohol to disinfect the lancing device. Carefully dry the lancing device. Do not immerse the lancing device in liquid.

Troubleshooting Guide

What You See	What It Means	What You Should Do
E1	Add sample or control solution before the flashing blood drop appears.	Discard the test strip and repeat the test with a new test strip. Add sample or control solution after you see the flashing blood drop on the display.
E2	The meter is sensing the use of 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.
E3	Incorrect test strip.	Discard the test strip and repeat the test with a new test strip. Make sure that you are using a **Keto-Mojo™** Glucose/Ketone test strip.
E4	Incorrect sample.	Discard the test strip and repeat the test with a new test strip. Make sure that you are using blood sample or **Keto-Mojo™** Glucose/Ketone control solution.
E5	Temperature out of range.	Move to an area that is within the operating temperature for the meter. Let the meter adjust to this temperature for 20 minutes before performing a test.

E6-E7	Potential hardware issue.	Take out battery and restart the meter. If the problem continues, contact **Keto-Mojo** immediately for further assistance.
E10	Insufficient sample.	Repeat test and apply enough sample to fill check window of the test strip.
HI	Blood Glucose test result is above 600 mg/dL (33.3mmol/L); blood Ketone test result is above 8.0 mmol/L.	Wash and dry your hands, then repeat the test using a new test strip. If your result still flashes HI, contact your health care professional as soon as possible.
LO	Blood gGlucose test result is below 10mg/d L (0.6 mmol/L). blood Ketone test result is below 0.1 mmol/L.	Wash and dry your hands, then repeat the test using a new test strip. If your result still flashes LO, contact your health care professional as soon as possible.

CHAPTER 5: TECHNICAL INFORMATION

System Specifications：

Feature	Specification
Measurement range	Blood Glucose: 10 - 600 mg/dL(0.6-33.3 mmol/L); Blood Ketone: 0.1-8.0 mmol/L
Result calibration	Plasma-equivalent
Sample	Blood Glucose: fresh whole blood(capillary, venous, arterial, neonatal); Blood Ketone: fresh whole blood (capillary from fingertip; venous);
Sample volume:	Blood Glucose: about 0.5μL; Blood Ketone: about 0.8μL
Test time	Blood Glucose: about 5 seconds; Blood Ketone: about 10 seconds;
Power source	Two AAA LR03 1.5V batteries
Battery life	12 months or approximately 1,000 tests
Units of measure	Blood Glucose: the meter is pre-set to either millimoles per liter (mmol/L) or milligrams per deciliter (mg/dL) depending on the standard of your country; Blood Ketone: millimoles per liter (mmol/L) is the default setting
Memory	Up to 1000 records with date and time
Automatic shutoff	2 minutes after last action
Dimensions	90.4 mm x 54.5 mm x 27.8 mm
Display size	39 mm x 41 mm
Weight	Approximately 63g
Operating temperature	Blood Glucose: 5-45°C Blood Ketone: 7.5-45°C
Operating relative humidity	10-90% (non-condensing)
Hematocrit range	Blood Glucose: 0-70%; Blood Ketone: 20-65%;
Bluetooth	Version 4.2

Limitations

The **Keto-Mojo™ GKI** Multi-function Meter, **Keto-Mojo™** Test Strips and Control Solution have been designed, tested and proven to work together effectively to provide accurate blood Glucose/blood Ketone measurements. Do not use components from other brands.

- Fresh whole blood may be collected into test tubes containing sodium heparin, lithium heparin if the blood is used within 10 minutes. Do not use sodium fluoride/oxalate, other anticoagulants or preservatives.
- Use only with whole blood. Do not use serum or plasma samples.
- Hematocrit levels beyond the hematocrit range of the system can cause false results. Talk to your healthcare professional to find out your hematocrit level.
- Abnormally high levels of vitamin C and other reducing substances will produce false high blood Glucose measurements.
- The system is tested to accurately read the measurement of Glucose in whole blood within the range of 10 to 600 mg/dL (0.6-33.3 mmol/L); Ketone in whole blood within the range of 0.01-8.00 mmol/L.
- The **Keto-Mojo™ GKI** Multi-function Monitoring System has been tested and shown to work properly up to 10,000ft (3,048 meters) for blood Glucose testing and 8,700 ft (2,651 meters) for .blood Ketone testing
- Severely ill persons should not run the Glucose and Ketone test with the **Keto-Mojo™ GKI** Multi-function Monitoring System.
- Blood samples from patients in shock, with severe dehydration or in a hyperosmolar state are not recommended for testing with **Keto-Mojo™ GKI** Multi-function Monitoring System.
- Dispose of blood samples and materials carefully. Treat all blood samples as if they are infectious materials. Follow proper precautions and obey all local regulations when disposing of materials.

Warranty

Please register warranty online at Keto-Mojo.com

Index of Symbols

These symbols may appear on the packaging and in the instructions for the **Keto-Mojo™ GKI** Multi-function Monitoring System.

Symbols	Explanation
	Consult instructions for use
IVD	For *in vitro* diagnostic use only
	Manufacturer
	Temperature limitations
	Contains sufficient for <n> tests
	Use by
LOT	Lot Number
EC REP	Authorized Representative
STERILE R	Sterilized using irradiation
CTRL	Control range
REF	Catalog number
Model	Model number
	Do not re-use
	Caution, consult accompanying documents
	Dispose items according to local relevant laws regarding disposal and recycle
	Use by 6 months from the opening
SN	Serial Number
	Keep away from sunlight and heat