# FORA® 6 GTel

Multi-Functional Monitoring System

## Owner's Manual

# Dear FORA 6 GTel System Owner:

Thank you for purchasing **FORA 6 GTel** Multi-Functional Monitoring System. This manual provides important information to help you to use the system properly. Before using this product, please read the following contents thoroughly and carefully.

Regular monitoring of your blood glucose, hematocrit, hemoglobin, ß-ketone, total cholesterol and uric acid levels can help you and your doctor gain better control of your diabetes. Due to its compact size and easy operation, you can use **FORA 6 GTel** Multi-Functional Monitoring System to easily monitor your blood glucose, , hematocrit, hemoglobin, ß-ketone, total cholesterol and uric acid levels by yourself anywhere, any time.

If you have other questions regarding this product, please contact the customer service or place of purchase.

**Intended Use**

This system is intended for use outside the body (*in vitro* diagnostic use) by people with diabetes at home and by health care professionals in clinical settings as an aid to monitoring the effectiveness of diabetes control. It is intended to be used for the quantitative measurement of the blood glucose, , hematocrit, hemoglobin, ß-ketone, total cholesterol and uric acid levels in whole blood.

It should not be used for the diagnosis of or screening for diabetes.

Professionals may test with capillary and venous blood sample; home use is limited to capillary whole blood testing.

# IMPORTANT SAFETY PRECAUTIONS
# READ BEFORE USE

1. Use this device **ONLY** for the intended use described in this manual.
2. Do **NOT** use accessories which are not specified by the manufacturer.
3. Do **NOT** use the device if it is not working properly or if it is damaged.
4. This device does **NOT** serve as a cure for any symptoms or diseases. The data measured is for reference only. Always consult your doctor to have the results interpreted.
5. Before using this device to perform a test, read all instructions thoroughly and practice the test. Carry out all the quality control checks as directed.
6. Keep the device and testing equipment away from young children. Small items such as the battery cover, batteries, test strips, lancets and vial caps are choking hazards.
7. 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.
8. Do **NOT** use this instrument in close proximity to sources of strong electromagnetic radiation, as these may interfere with the accurate operation.
9. Proper maintenance and periodically control solution test are essential to the longevity of your device. If you are concerned about your accuracy of measurement, please contact the customer service or place of purchase for help.

**KEEP THESE INSTRUCTIONS IN A SAFE PLACE**

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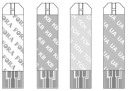
(a)

(b)

(c)



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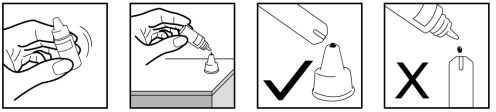

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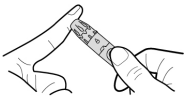

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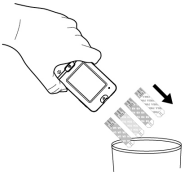

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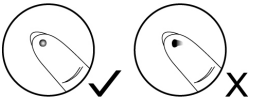

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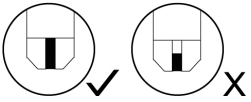

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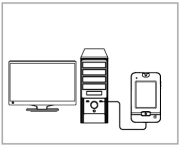

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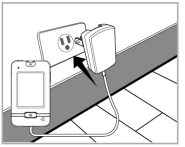


(n)

(o)

# BEFORE YOU BEGIN

## Important Information

- Severe dehydration and excessive water loss may cause readings which are lower than actual values. If you believe you are suffering from severe dehydration, consult a healthcare professional immediately.
- If your testing results are lower or higher than usual, and you do not have any symptoms of illness, first repeat the test. If you have symptoms or continue to get results which are higher or lower than usual, follow the treatment advice of your healthcare professional.
- Use only fresh whole blood samples to perform a test. Using other substances will lead to incorrect results.
- If you are experiencing symptoms that are inconsistent with your test results and you have followed all the instructions given in this owner's manual, contact your healthcare professional
- We do not recommend using this product on severely hypotensive individuals or patients in shock. Please consult the healthcare professional before use.
- The measurement unit used for indicating the concentration of blood or plasma glucose can either have a weight dimension (mg/dL) or a molarity (mmol/L). The approximate calculation rule for conversion of mg/dL in mmol/L is:

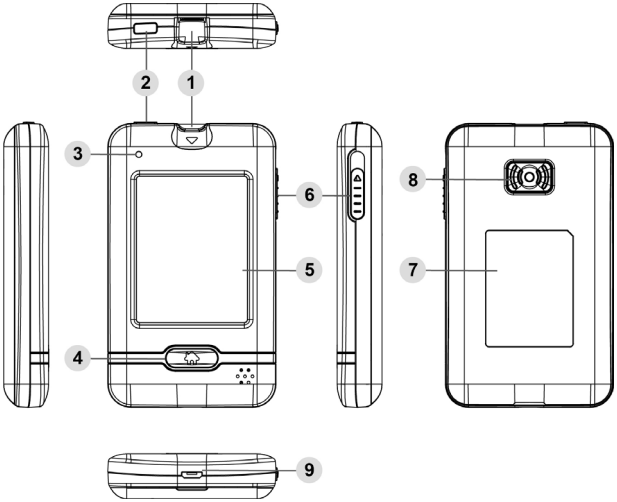
| | | |
|---|---|---|
| mg/dL | Divided by 18 | = mmol/L |
| mmol/L | Times 18 | = mg/dL |

For example:

1) 120 mg/dL ÷ 18 = 6.6 mmol/L

2) 7.2 mmol/L x 18 = 129 mg/dL approximately.

# Meter Overview




① **Test Slot with Strip Indication Light**
Insert test strip here to enter measuring mode.

② **Power Button**
Power On / Off the meter.

③ **Indicator**

④ **Home Button**
Press this button to back to Main Page.

⑤ **Display Screen**

⑥ **Test Strip Ejector**
Eject the used strip by pushing up this button

⑦ **Battery Compartment**

⑧ **Panic Button**

⑨ **USB Port**

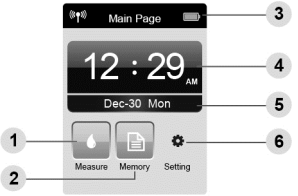
# Contents of System

Your new FORA 6 GTel system kit includes:

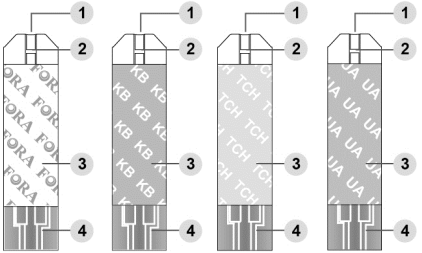
1. Meter
2. Owner’s Manual
3. Carrying Case
4. Warranty Card
5. Test Strips
6. Logbook
7. 3.7 x Li-Ion Reachable Battery
8. Code Cards

## Display Screen

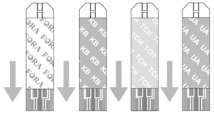
1. **Measuring Mode**
2. **Memory Mode**
3. **Battery Symbol**
4. **Time**
5. **Date**
6. **Setting Mode**




## Test Strip




1. **Absorbent Hole**
2. **Confirmation Window**
3. **Test Strip Handle**
4. **Contact Bars**



**ATTENTION:**

**The front side of test strip should face up when inserting test strip.**

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

**NOTE:**

- **FORA 6 GTel** monitor should only be used with **FORA 6** Test Strips. Using other test strips with this meter can produce inaccurate results.

# SETTING THE METER

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

**Entering the Setting Mode (a)**
Power on the meter (no test strip inserted). Tap **Setting** on the **Main Page**.

- **Setting the reminder alarm**

  Tap **Alarm** on the **Setting** page.
  Your meter has four reminder alarms. Tap the time field to set the alarm time. Tap ON/OFF to enable/disable alarms.

- **Choosing a language**

  Tap **Language** on the **Setting** page. Select the appropriate language for use. Tap **Back**.

- **Setting the speaking volume**

  Tap **Volume** on the **Setting** page.
  There are four (4) speaking volume levels to choose from. Select the desired speaking volume. Tap **Back**.

- **Setting the time**

  Tap **Time** on the **Setting** page.
  Tap **^** or **v** to set the correct date.
  Press **OK**.
  Tap **^** or **v** to set the correct time.
  Press OK.
  Tap **^** or **v** to set the time format—12h or 24 h. Press **OK**.

- **Setting the measuring unit**

  Tap **Unit** on the **Setting** page to set the measuring unit to mg/dL or mmol/L.

- **Setting the flight mode**

  Tap **Flight mode** on the **Setting** page to switch ON/OFF flight mode.

- **Setting the upload mode**

  Tap **Upload** on the **Setting** page to switch ON/OFF upload mode.

- **Setting the hi/low range for measuring parameter**

  Tap **Next** on the bottom of **Setting** page to go to the next setting page. Tap **Hi/Low Range**.
  Four testing functions are available on the display. Select the one you want to configure.

  **Glucose:**
  Three measuring modes are displayed on the screen: **GEN/Before Meal/After Meal**. Tap each mode to set the hi/low range for each measuring.

  **Ketone:**
  Tap **^** or **v** to set the hi/low range.
  Tap **OK**.

  **Cholesterol:**
  Tap **^** or **v** to set the hi/low range.
  Tap **OK**.

  **Uric Acid:**
  Tap **^** or **v** to set the hi/low range.

Tap **OK**.

**Congratulations! You have completed all settings!**

**NOTE:**

- These parameters can **ONLY be changed** in the setting mode.
- If the meter is idle for 3 minutes during the setting mode, it will switch off automatically.

# THE MEASURING MODES

The meter provides you with four modes, GEN (General) / Before Meal (AC) / After Meal (PC) / QC, for measuring blood glucose; and two modes, GEN (General) / QC for measuring β-Ketone / total cholesterol / uric acid. You can set the measuring mode to each testing when the meter shows a testing result:

# Before Testing

## Calibration

You must calibrate the meter every time you begin to use a new vial of β-ketone/total cholesterol/uric acid test strips by setting the meter with the correct code. Test results may be inaccurate if the code number displayed on the monitor does not match the number printed on the strip vial.

## How to Code Your Meter (for β-ketone/total cholesterol/uric acid test)

**1.** Insert the code strip when the monitor is off. Wait until the code number appears on the display. (n)

**NOTICE:**

Make sure the code number on display, code strip, and test strip vial are the same. The code strip should be within the expiry date; otherwise, an error message may appear.

**2**. Remove the code card, the display will show “OK”. This tells you that the meter has finished coding and is ready for the β-ketone/ total cholesterol/ uric acid testing.

## Checking the Code Number (o)

You need to make sure that the code number displayed on the meter matches the number on your test strip vial when inserting the strip for β-ketone / total cholesterol / uric acid. If it matches, you can proceed with your test. If the codes do not match, please stop testing and repeat the calibration procedure. If the problem persists, contact Customer Service for help.

**NOTICE:**

The codes used in this manual are examples only; your meter may display a different code.

**WARNING:**

- It is important to make sure that the LCD displayed code is the same as the code on your test strip vial before testing. Failure to do so will get inaccurate results.
- The code number for the β-ketone/ total cholesterol/ uric acid strip are two-digits; please ensure you are using the correct strips for the test.
- If the LCD displayed code is not the same as the code on your test strip vial and the code number cannot be updated, please contact Customer Service for assistance.

# QUALITY CONTROL TESTING

## When Should the Control Solution Test be Performed?

- if it is mandatory following the local regulations in your country,
- if you suspect the meter or test strips are not working properly,
- if your test results are not consistent with how you feel, or if you think the results are not accurate,
- to practice the testing process, or
- if you have dropped or think you may have damaged the meter.

Test strips **(c)**, control solutions **(d)**, lancing device **(e)** or sterile lancets **(f)** may not be included in the kit (please check the contents on your product box). They can be purchased separately. Please make sure you have those items needed for a blood test beforehand.

## Performing a Control Solution Test

To perform a control solution test, you will need: **(b)**, **(c)** and **(d)**.

1. **Power on the meter and select Measure mode**
   Follow the instructions on the screen to insert a test strip into the meter. Wait for the meter to display “Take a blood sample”.

2. **Apply control solution (g)**
   Shake the control solution vial thoroughly before use. Squeeze out the first drop and wipe it off, then squeeze out another drop and place it on the tip of the vial cap. Hold the meter to move the absorbent hole of the test strip to touch the drop. Once the confirmation window fills completely, the meter will begin counting down.

**NOTE:**

- To avoid contaminating the control solution, do not directly apply control solution onto a strip.

**3. Read and compare the result**

After counting down to 0, the control solution test result will appear on the display. Compare this result with the range printed on the test strip vial and it should fall within this range. If not, please read the instructions again and repeat the control solution test.

**NOTE:**

- The control solution range printed on the test strip vial is for control solution use only. It is not a recommended range for your blood test level.
- See the **MAINTENANCE** section for important information about your control solutions.

**4. Press QC button to mark this test as a control solution test**

With "**QC**" displayed, the meter will store your test result in memory under "**QC**".

**Warning:**

- When doing the control solution test, you have to mark it so that the test results will **NOT** mix with the **TEST RESULTS** stored in the memory. Failure to do so will mix up the test results with the control solution test results in memory.

# TESTING WITH BLOOD SAMPLE

**Warning:**
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 in or on the lancets and the lancing device.

## Preparing the Lancing Device for Blood Testing

Please follow the instructions in the lancing device insert for collecting a blood sample.

## Preparing the Puncture Site

Stimulating blood perfusion by rubbing the puncture site before 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:**

- **Wash and dry your hands before starting.**
- Select the puncture site either at fingertips..
- Rub the puncture site for about 20 seconds before penetration.
- Clean the puncture site using cotton moistened with 70% alcohol and **let it air dry**.
- **Fingertip testing (h)**
  Press the lancing device's tip firmly against the lower side of your fingertip. Press the release button to prick your finger, then a click indicates that the puncture is complete.

**NOTE:**

- Alcohol swabs with 70% alcohol can be purchased in pharmacy.
- Choose a different spot each time you test. Repeated punctures at the same spot may cause soreness and calluses.
- It is recommended that you discard the first drop of blood as it might contain tissue fluid, which may affect the test result.

## Performing a Blood Test

To perform a blood test, you will need: **(b), (c), (e)** and **(f).**

1. **Insert the test strip to turn on the meter**
   (You can also **Power on the meter and select Measure mode**, then insert a test strip into the meter)
   Make sure the code number on the screen is the same as the number on the vial. Wait for the meter to display "Take a blood sample".
2. **Obtaining a blood sample (j)**
   Use the pre-set lancing device to puncture the desired site. Wipe off the first appeared drop of blood with a clean cotton swab. The size of the drop should be at least 0.5 (glucose & 3in1) / 0.8 (β-ketone) / 3.0 (total cholesterol) / 1.0 (uric acid) microliter (μL) of volume. Gently squeeze the punctured area to obtain another drop of blood. Be careful **NOT** to smear the blood sample.
3. **Apply the sample (k)**
   Gently apply the drop of blood to the absorbent hole of the test strip at a tilted angle. Confirmation window should be completely filled if enough blood sample has been applied. Do **NOT** remove your finger until you hear a beep sound.

**NOTE:**

- Do not press the punctured site against the test strip or try to smear the blood.
- If you do not apply a blood sample to the test strip within 3 minutes, the meter will automatically turn off. You must remove and reinsert the test strip

to start a new test.

- The confirmation window should be filled with blood before the meter begins to count down. **NEVER** try to add more blood to the test strip after the drop of blood has moved away. **Discard the used test strip and retest with a new one.**
- If you have trouble filling the confirmation window, please contact your health care professional or customer service for assistance.

4. **Read Your Result**
   The result of your blood test will appear after the meter counts down to 0. The test result will be stored in the memory automatically.
5. **Tap a screen icon to select the appropriate measuring mode.**
6. **Eject the used test strip (i)**
   Eject the test strip by pushing the eject button on the side. Use a sharp bin to dispose of used test strips. The meter will switch itself off automatically.

**Always follow the instructions in the lancing device insert when removing the lancet.**

**WARNING:**

- The used lancet and test strip may be biohazardous. Please discard them carefully according to your local regulations.

# METER MEMORY

The meter stores the 1000 most recent test results along with respective dates and times in its memory. To enter the meter memory, tap the **Memory** icon on the **Main Page**.

## Reviewing Test Results

1. **Tap Memory icon on the Main Page**
   The first reading you see is the last test result along with date, time and the measuring mode.
2. **Press** ▲ or ▼ to recall the test results stored in the meter each time you press. Press **HOME** button to return to the **Main Page**.

## Reviewing Blood Glucose Day Average Results

1. **Tap AVG tab**
   Your 7/14/21-day average result measured in general mode will appear on the display. Tap ▲ or ▼ to review 28/60/90-day average result.
2. **Tap Before Meal/After Meal to review**
   7-, 14-, 21-, 28-, 60- and 90- day average results stored in each measuring mode.
3. **Exit the meter memory.**
   Press the **Home** button to return to the **Main Page**.

**NOTE:**

- Any time you wish to exit the memory, pressing the **Home** button or leave it without any action for 3 minutes. The meter will switch off automatically.
- Control solution results are **NOT** included in the day average.
- You can tap  tab to check 7 days testing result in the chart form.

# UPLOADING RESULTS TO A SERVER

**Data Transmission via 3G**

The meter will upload testing results periodically and automatically to a central server. To learn more about the data transmission through 3 G, please contact the customer service or place of purchase for assistance.

**WARNING:**

- While the meter is transmitting data, it will be unable to perform a blood test.
- While the flight mode is turned on, the meter will not be able to transmit data.

# STAY SAFE WITH THE PANIC BUTTON

The meter is equipped with a Panic Button. For emergencies, press the Panic Button at the backside of the meter. The meter will atomically send alters (text message) to preset emergency contacts in case of a crisis.

For more information about the Panic Button, please contact the customer service or place of purchase for assistance.

# MAINTENANCE

## Battery

Your meter comes with one 3.7V Li-Ion rechargeable battery.

**Low Battery Signal**

The meter will display one of the messages below to alert you when the meter power is getting low.

1. **The "⚠" appears with message "Bat not enough":** The meter is functional and the result remains accurate, but the power is not enough to upload data. It is time to change the battery.
2. **The "⚠" appears with message "Bat Low":** The power is not enough to do a test. Please change the battery immediately.

## Recharging the Battery

**There are two ways to charge the battery:**

1. Plug the meter into a powered-on computer or laptop with a Micro-USB cable (l).
2. Plug the meter into a wall outlet with a power adaptor (m).

## Replacing the Battery

**To replace the batteries, make sure the meter is turned off.**

3. Press the edge of the battery cover and lift it up to remove.
4. Remove the old battery and replace it with one 3.7V Li-Ion rechargeable battery.
5. Close the battery cover.

**NOTE:**

- Replacing the battery does not affect the test results stored in the memory.
- As with all small batteries, these batteries should be kept away from children. If swallowed, promptly seek medical assistance.
- Batteries might leak chemicals if unused for a long time. Remove the

batteries if you are not going to use the device for an extended period (i.e., 3 months or more).
- Properly dispose of the batteries according to your local environmental regulations.

## Caring for Your Meter

### Cleaning

1. To clean the meter exterior, wipe it with a cloth moistened with tap water or an alcohol swab with 70% alcohol, then dry the device with a soft dry cloth. Do **NOT** rinse with water.
2. Do **NOT** use organic solvents to clean the meter.

### Meter Storage

- Storage conditions: -20°C to 60°C (-4°F to 140°F), below 95% relative humidity.
- Always store or transport the meter in its original storage case.
- Avoid dropping and heavy impact.
- Avoid direct sunlight and high humidity.

### Meter Disposal

The used meter should be treated as contaminated that may carry a risk of infection during measurement. The battery in this used meter should be removed and the meter should be disposed in accordance with local regulations.

The meter falls outside the scope of the European Directive 2012/19/EU-Directive on waste electrical and electronic equipment (WEEE).

## Caring for Your Test Strips

- Storage conditions: 2°C to 30°C (35.6°F to 86°F) and below 90% relative humidity for blood glucose test strips; 2°C to 30°C (35.6°F

to 86°F) and below 85% relative humidity for ß-ketone, total cholesterol and uric acid test strips Do **NOT** freeze.

- Store your test strips in their original vial only. Do not transfer to another container.
- Store test strip packages in a cool dry place. Keep away from direct sunlight and heat.
- After removing a test strip from the vial, immediately close the vial cap tightly.
- Touch the test strip with clean and dry hands. Use each test strip immediately after removing it from the vial.
- Do not use test strips beyond the expiration date. This may cause inaccurate results.
- Do not bend, cut, or alter a test strip in any way.
- Keep the strip vial away from children since the cap and the test strip may be a choking hazard. If swallowed, promptly see a doctor for help.

For further information, please refer to the test strip package insert.

## Cleaning Your Lancing Device

Cleaning Procedures

1. Take out one alcohol swab with 70% alcohol from the package and squeeze out any excess liquid in order to prevent damage to the meter.
2. Wipe all lancing device's exterior surface and release button.
3. Remove the alcohol swab. Allow the lancing device surface to dry completely.
4. Discard the used alcohol swabs and never reuse them. Users should wash hands thoroughly with soap and water after handling the lancing device.

The lancing device should be cleaned after each use.

## Important Control Solution Information

- Use only our control solutions with your meter.
- Do not use the control solution beyond the expiration date or 3 months after first opening. Write the opening date on the control solution vial and discard the remaining solution after 3 months.
- It is recommended that the control solution test be done at room temperature 20°C to 25°C (68°F to 77°F). Make sure your control solution, meter, and test strips are at this specified temperature range before testing.
- Shake the vial before use, discard the first drop of control solution, and wipe off the dispenser tip to ensure a pure sample and an accurate result.
- Store the control solution tightly closed at temperatures between 2°C to 30°C (35.6°F to 86°F). Do **NOT** freeze.

# SYSTEM TROUBLESHOOTING

If you follow the recommended action but the problem persists, please contact the customer service.

## Result Readings

| MESSAGE | WHAT IT MEANS |
|---|---|
| **LOW** (yellow background) | Reading is lower than the measurement range |
| **Number** (yellow background) | Reading is low |
| **Number** (green background) | Reading is normal |
| **Number** (red background) | Reading is high |
| **HIGH** (red background) | Reading is higher than the measurement range |

## Error Messages

| MESSAGE | WHAT TO DO |
|---|---|
| No strip inserted<br>Used strip detected<br>Not enough blood<br>No blood sample detected<br>Unknown strip<br>Rcode error<br>Measuring cancelled | Repeat the test with a new test strip. If the meter still does not work, please contact the customer service for assistance. |
| Unknown code card<br>Code info error | Re-insert the code card/code strip. If the problem consists, please contact the customer service for assistance. |
| Temperature out of range | System operation range is 50°F to 104°F |

| | |
|---|---|
| | (10 °C to 40 °C). Repeat the test after the meter and test strip are in the above temperature range. |
| BGM no ack<br>BGM info error<br>Op Err | Reboot the meter. If the meter still does not work, please contact the customer service for assistance. |
| No SIM | Check if the SIM card is correctly inserted. |
| Pin Err<br>Pin Cnt<=1 | Re-enter the pin code. |
| Pin Lock<br>Internet Err<br>Bad signal | Please contact the telecom operator for assistance. |
| Invalid operation during Bat. charging | Remove the charging adapter and retry again. |
| Bat Low<br>Bat not enough | Recharge the battery. |
| HW Err<br>Cmd No Rsp<br>Unknown SW Err<br>Unknown M Err<br>Unknown Error | Please contact the customer service for assistance. |

# Troubleshooting

1. If the meter does not display a message after inserting a test strip:

| POSSIBLE CAUSE | WHAT TO DO |
|---|---|
| Batteries exhausted. | Replace the batteries. |
| Test strip inserted upside down or incompletely. | Insert the test strip with contact bars end first and facing up. |
| Defective meter or test strips. | Please contact customer services. |

2. If the test does not start after applying the sample:

| POSSIBLE CAUSE | WHAT TO DO |
|---|---|
| Insufficient blood sample. | Repeat the test using a new test strip with larger volume of blood sample. |
| Defective test strip. | Repeat the test with a new test strip. |
| Sample applied after automatic switch-off (3 minutes after last user action). | Repeat the test with a new test strip. Apply sample only when flashing "🩸" appears on the display. |
| Defective meter. | Please contact customer services. |

3. If the control solution testing result is out of range:

| POSSIBLE CAUSE | WHAT TO DO |
|---|---|
| Error in performing the test. | Read instructions thoroughly and repeat the test again. |
| Control solution vial was poorly shaken. | Shake the control solution vigorously and repeat the test again. |
| Expired or contaminated control solution. | Check the expiry date of the control solution. |
| Control solution that is too warm or too cold. | Control solution, meter, and test strips should be at room temperature 20°C to 25°C (68°F to 77°F) before testing. |
| Defective test strip. | Repeat the test with a new test strip. |
| Meter malfunction. | Please contact customer services. |
| Improper working of meter and test strip. | Please contact customer services. |

# DETAILED INFORMATION

The meter provides you with plasma equivalent results.

Desirable ranges:

| | | |
|---|---|---|
| Normal plasma glucose range for people **without** diabetes [1] | Fasting and before meal | < 100 mg/dL (5.6 mmol/L) |
| | 2 hours after meals | < 140 mg/dL (7.8 mmol/L) |
| Total cholesterol [2] | | < 200 mg/dL (5.17 mmol/L) |
| Serum uric acid [3] | Male | 3.5 ~ 7.2 mg/dL ( 208 ~ 428 μmol/L) |
| | Female | 2.6 ~ 6 mg/dL (155 ~ 357 μmol/L) |

A part of a complete blood count (CBC) - Capillary whole blood sample

| | | |
|---|---|---|
| Hemoglobin *4 | Male | 14 ~ 17 g/dL |
| | Female | 12 ~ 15 g/dL |
| Hematocrit *4 | Male | 41% ~ 50% |
| | Female | 36% ~ 44% |

• If the hematocrit test result is more than 70%, or hemoglobin is more than 23.8 (g/dL), the blood glucose test may be invalid. Please redo the test, and consult your doctor if the result is repeatedly invalid.

The β-Ketone test measures Beta-Hydroxybutyrate (ß -OHB), the most important of the three β-Ketone bodies in the blood. Normally, levels of ß –OHB are expected to be less than 0.6 mmol/L.

ß -OHB levels may increase if a person fasts, exercises vigorously or has diabetes and becomes ill. If your β-Ketone result is 0.0 mmol/L, repeat the β-Ketone test with new test strips. If the same message appears again or the result does not reflect how you feel, contact your healthcare professional.

Follow your healthcare professional's advice before you make any changes to your diabetes medication programme. If your β-Ketone result is between 0.6 and 1.5 mmol/L, this may indicate development of a problem that could require medical assistance. Follow your healthcare professional's instructions. If your β-Ketone result is higher than 1.5 mmol/L, contact your healthcare professional promptly for advice and assistance. You may be at risk of developing diabetic ketoacidosis (DKA).

**Please consult your doctor to determine a target range that works best for you.**


1. American Diabetes Association (2014). Clinical Practice Recommendations. Diabetes Care, 37 (Supplement 1): S16.
2. Third Report of the National Cholesterol Education Program (NCEP) Expert Panel on Detection, Evaluation, and Treatment of High Blood Cholesterol in Adults (Adult Treatment Panel III) final report (2002). Circulation 106: 3143–3421
3. Isra'a H. Estimation of Serum Uric Acid, Urea and Creatinine in Essential Hypertensive Patients. Tikrit Medical Journal (2010)

# SYMBOL INFORMATION

| SYMBOL | REFERENT | SYMBOL | REFERENT |
|---|---|---|---|
| IVD | *In vitro* diagnostic medical device |  | Caution, consult accompanying documents |
|  | Consult instructions for use |  | Humidity Limitation |
|  | Temperature limitation |  | Collection for electrical and electronic equipment |
|  | Use by | CE 0123 | CE mark |
| LOT | Batch code |  | Manufacturer |
| SN | Serial number | | |

# SPECIFICATIONS

**Model No.:** GD84
**Dimension & Weight:** 98 (L) x 55 (W) x 15.5 (H) mm, 63.2 g (without battery)
**Power Source:** One 3.7V Li-Ion rechargeable battery
**Display:** LCD
**Memory:** 400 measurement results with respective date and time
**External Output:** 3G

Auto sample loading detection
Auto electrode insertion detection
Auto reaction time count-down
Auto switch-off after 3 minutes without action
Temperature Warning

**Operating Condition:** 8°C to 45°C (46.4°F to 113°F), below 85% R.H. (non-condensing)
**Meter Storage/Transportation Conditions:** -20°C to 60°C (-4°F to 140°F), below 95% R.H.
**Strip Storage/Transportation Conditions:**
Glucose & 3in1: 2°C to 30°C (35.6°F to 86°F), below 90% R.H.
ß-ketone, total cholesterol and uric acid: 2°C to 30°C (35.6°F to 86°F), below 85% R.H.
**Measurement Units:**
Glucose: mg/dL or mmol/L
Hematocrit: %
Hemoglobin: g/dL
ß-ketone: mmol/L
Total cholesterol and uric acid: mg/dL
**Measurement Range:**
Glucose: 10 to 600 mg/dL (0.55 to 33.3 mmol/L)

ß-ketone: 0.1 to 8.0 mmol/L
Total cholesterol: 100 to 400 mg/dL (2.6 to 10.4 mmol/L)
Uric acid: mg/dL: 3 to 20 mg/dL (0.179 to 1.190 mmol/L)
**Expected service life:** 5 years

This device has been tested to meet the electrical and safety requirements of: IEC/EN 61010-1, IEC/EN 61010-2-101, EN 61326-1, IEC/EN 61326-2-6.

# FORA® 6 GTel

Multi-Functional Monitoring System

**ForaCare Suisse AG**
Neugasse 55, CH9000,
St. Gallen, Switzerland
www.foracare.ch

For self-testing

REF GD84

CE 0123 IVD