

TESTA med[®]
DIABETES CARE

Monitoring System

GlucoCheck

— ADVANCE —

Owner's Manual



For self-testing.

KEEP THESE INSTRUCTIONS IN A SAFE PLACE

TESTAmed®

GlukoCheck ADVANCE Monitoring System

Dear TESTAmed GlukoCheck ADVANCE System Owner:

Thank you for purchasing the **TESTAmed GlukoCheck ADVANCE** Blood Glucose 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 levels can help you and your doctor gain better control of your diabetes. Due to its compact size and easy operation, you can use the **TESTAmed GlukoCheck ADVANCE** Blood Glucose Monitoring System to easily monitor your blood glucose levels by yourself anywhere, any time.

If you have other questions regarding this product, please contact the **TESTAmed** Customer Hotline.

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. Do **not** use the equipment in places where aerosol sprays are being used or where oxygen is being administered.
5. Do **not** under any circumstances use the device on newborns or infants.
6. This device does **not** serve as a cure for any symptoms or diseases. The data measured is for reference only.
7. Before using this device to test blood glucose, read all instructions thoroughly and practice the test. Carry out all the quality control checks as directed.
8. 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.
9. 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.
10. Do **not** use this instrument in close proximity to sources of strong electromagnetic radiation, as these may interfere with the accurate operation.

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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 blood glucose 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 test your blood glucose. Using other substances will lead to incorrect results.
- ⇒ If you are experiencing symptoms that are inconsistent with your blood glucose 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. Readings which are lower than actual values may occur for individuals experiencing a hyperglycaemic-hyperosmolar state, with or without ketosis. 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;

$$1) 120 \text{ mg/dl} \div 18 = 6.6 \text{ mmol/l}$$

$$2) 7.2 \text{ mmol/l} \times 18 = 129 \text{ mg/dl approximately.}$$

Intended Use

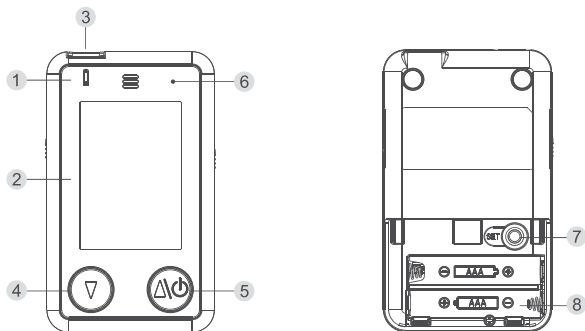
- ⇒ This system is intended for use outside the body (in vitro diagnostic use) by people with diabetes at home and by health care professionals in clinical settings as an aid to monitoring the effectiveness of diabetes control. It is intended to be used for the quantitative measurement of glucose (sugar) in fresh capillary (from the finger, palm, forearm, and upper arm) and venous blood samples.
- ⇒ It should not be used for the diagnosis of diabetes, or testing on newborns.
- ⇒ Professionals may use test strips to test capillary and venous whole blood; home use is limited to capillary whole blood testing.

Test Principle

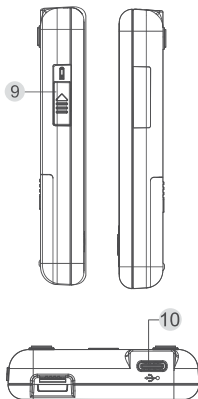
- ⇒ Your system measures the amount of sugar (glucose) in whole blood. The glucose testing is based on the measurement of electrical current generated by the reaction of glucose with the reagent of the strip. The meter measures the current, calculates the blood glucose level, and displays the result. The strength of the current produced by the reaction depends on the amount of glucose in the blood sample.

Front

Back



Side

**1. Strip Indicator Light****2. Display Screen**

3. Test Slot: Insert test strip here to turn the meter on for testing.

4. Down Button: Select or change information and adjust decrement.

5. MAIN Button / Up button: Enter the meter memory and silence a reminder alarm / Select or change information and adjust increment.

6. Bluetooth Indicator

7. SET Button: Enter and confirm the meter settings.

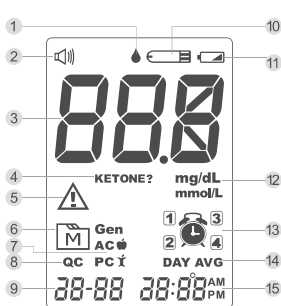
8. Battery Compartment

9. Test Strip Ejector: Eject the used strip by pushing this button up.

10. Type C Port: Download test results via USB/Type C Cable.

DISPLAY SCREEN

En



1. Blood Drop Symbol
2. Volume Symbol
3. Test Result
4. Ketone Warning
5. Warning Symbol
6. Memory Symbol
7. Testing Mode Symbol
8. Control Solution Mode
9. Date
10. Test Strip Symbol
11. Low Battery Symbol
12. Measurement Unit
13. Alarm Symbol
14. Day average
15. Time

TEST STRIP

Absorbent Hole

Apply a drop of blood here.
The blood will be automatically absorbed.

Confirmation Window

This is where you confirm if enough blood has been applied to the absorbent hole in the strip.

Test Strip Handle

Hold this part to insert the test strip into the slot.

Contact Bars

Insert this end of the test strip into the meter. Push it in firmly until it will go no further.



ATTENTION:

The front side of test 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:

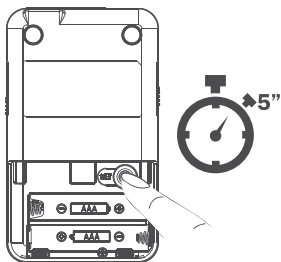
The TESTAmed GlucoCheck ADVANCE meter should only be used with TESTAmed GlucoCheck ADVANCE Test Strips.

Using other test strips with this meter can produce inaccurate results.

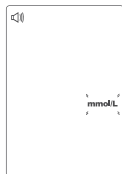
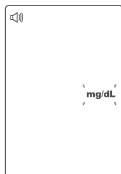
SETTING THE METER

Before using your meter for the first time or if you change the meter battery, you should check and update these settings. Make sure you complete the steps below and have your desired settings saved.

Setting the Measurement Unit



Start with the meter off (no test strip inserted). Press **SET** for 5 seconds to enter the unit setting mode.

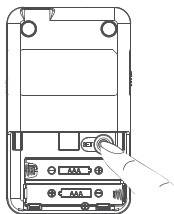


Press and release ▲ or ▼ to select the desired measurement unit---mg/dl or mmol/l.
Press **SET**.



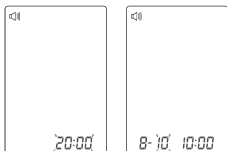
With the measurement unit flashing, press ▲ or ▼ to select „YES” or „no”.
Press **SET** to confirm the measurement unit.

Entering the Setting Mode



Start with the meter off (no test strip inserted).
Press **SET**.

1. Setting the date



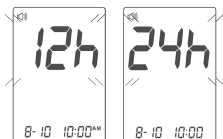
With the year flashing, press ▲ or ▼ until the correct year appears.
Press **SET**.

With the month flashing, press ▲ or ▼ until the correct month appears.
Press **SET**.



With the day flashing, press ▲ or ▼ until the correct day appears.
Press **SET**.

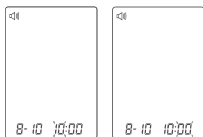
2. Setting the time format



Press and release ▲ or ▼ to select the desired time format --- 12h or 24h.

Press **SET**.

3. Setting the time



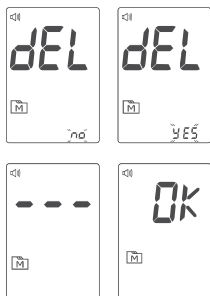
With the hour flashing, press ▲ or ▼ until the correct hour appears.

Press **SET**.

With the minute flashing, press ▲ or ▼ until the correct minute appears.

Press **SET**.

4. Deleting the memory



Deleting the memory „dEL“ and a flashing **M** symbol on the display, select “No” to keep the results in memory then press **SET** to skip.

To delete all the results, press ▼, to select “Yes” then press ▼ to confirm.

“OK” and **M** are displayed on the meter, which indicates that all data stored is deleted.

5. Choosing a language



Press the Main button to select L1: English / L2: German / L3: Turkish. The default language for the meter is L2: German. To confirm your selection, press **SET**.

NOTE:

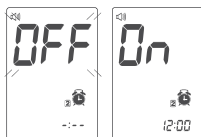
The meter can only be set to one language at a time.

6. Setting the speaker volume



There are seven (7) speaking volume options to choose from. Press Main button until the desired speaking volume appears. To confirm your selection, press **SET**. Volume 0 indicates that the speaking function is turned off, and "🔊" will not display during testing. Volume 1 to 7 indicates speaking volume from low to high, and "🔊" will be displayed throughout the testing.

7. Setting the reminder alarm



You may set up any or all of the reminder alarms (1 – 4). The meter displays "On" or "OFF" and 🗘 press ▲ or ▼ to turn on or turn off to set the first reminder alarm.



Press ▲ or ▼ to select "On", then press SET to set the hour. When the hour is flashing, press ▲ or ▼ button until the desired hour appears. Press **SET** to confirm and go to minutes, press ▲ or ▼ until the desired minutes appears. Press **SET** to confirm and go to the next alarm setting.

If you do not want to set an alarm, switch to "OFF" to skip this step.

If you want to turn off an alarm, find the alarm number by pressing **SET** in the setting mode, press ▲ or ▼ to change from "On" to "OFF".

At the time of your alarm, the meter will beep and automatically turn on. You can press 🗘 to silence the alarm and insert a test strip to begin testing. If you do not press 🗘 the meter will beep for 2 minutes then switch off. If you do not want to test at this time, press 🗘 to switch off the meter.

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.

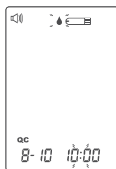
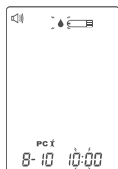
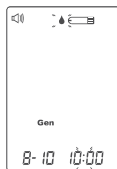
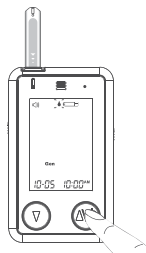
THE FOUR MEASURING MODES

The meter provides you with four modes for measuring, General, AC, PC and QC.

Modes	Use when
General (displays as "Gen")	any time of day without regard to time since last meal
AC 🍏	no food intake for at least 8 hours
PC 🍷	2 hours after a meal
QC	testing with the control solution

You can switch between each mode by:

1. Start with the meter switched off. Insert a test strip to turn on the meter. The screen will display a flashing blood drop and "Gen".
2. Press  to switch between General, AC, PC and QC mode.



Our Control Solution contains a known amount of glucose that reacts with test strips and is used to ensure your meter and test strips are working together correctly.

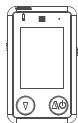
Test strips, control solutions and sterile lancets are included in the kit (please check the contents on your product box). They can also be purchased separately. Please make sure you have those items needed for a blood glucose test beforehand.

Do a control solution test when:

- ⇒ you first receive the meter,
- ⇒ you begin using a new vial of test strips,
- ⇒ you suspect the meter or test strips are not working properly,
- ⇒ your blood glucose test results are not consistent with how you feel, or if you think the results are not accurate, or
- ⇒ you have dropped or think you may have damaged the meter.

PERFORMING A CONTROL SOLUTION TEST

You will need:



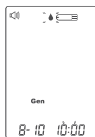
1. Meter



2. Test Strip



3. Control Solution



1. Insert the test strip to turn on the meter


Insert the test strip into the meter.

Wait for the meter to display **CHK**

Wait for the meter to display the  and .

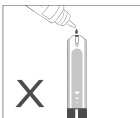
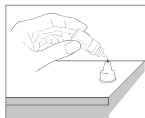


2. Press the button when the and appears to mark the test as a control solution test (QC).

With "QC" displayed, the meter will store your test result in memory under "QC". If you press  again, the "QC" will disappear and this test is no longer a control solution test.

WARNING:

When doing the control solution test, you have to mark it so that the test result will be stored in the memory under QC. Failure to do so will mix up the blood glucose test results with the control solution test results in memory.



3. Apply Control Solution

- Shake the control solution vial thoroughly before use.
- Squeeze out a 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. To avoid contaminating the control solution, do not directly apply control solution onto a strip.

4. Read and Compare the Result



EXAMPLE

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.

(100 mg/dl = 5.6 mmol/l;

109 – 165 mg/dl = 6.1 – 9.2 mmol/l)

Voice Guide

Your blood glucose is 135 milligrams per deciliter.

5. Out-of-range results

If you continue to have test results fall outside the range printed on the test strip vial, the meter and strips may not be working properly. Do **NOT** test your blood. Contact the **TESTAmed** Customer Service hotline for help.

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 glucose level.
- See the **Meter Maintenance** section for important information about your control solutions.

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:

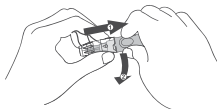
- ⇒ **Wash and dry your hands before starting.**
- ⇒ Select the puncture site either at fingertips or another body parts (please see section "Alternative Site Testing (AST)" on how to select the appropriate sites).
- ⇒ Rub the puncture site for about 20 seconds before penetration.
- ⇒ Use a clear cap (included in the kit) while setting up the lancing device.

Fingertip testing



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.

Blood from sites other than the fingertip



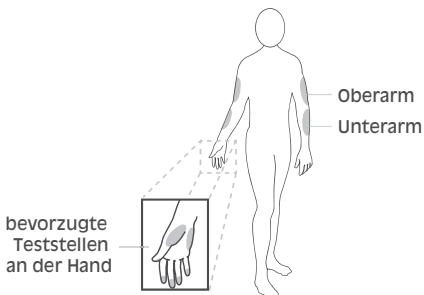
Replace the lancing device cap with the clear cap for AST. Pull the cocking control back until it clicks. When lancing the forearm, upper arm or hand, avoid areas with obvious veins in case of excessive bleeding.

NOTE:

- Choose a different spot each time you test. Repeated punctures at the same spot may cause soreness and calluses.
- Please consult your health care professional before you begin AST.
- It is recommended that you discard the first drop of blood as it might contain tissue fluid, which may affect the test result.

ALTERNATIVE SITE TESTING

You can test on a variety of locations on your body.



Important:

There are limitations with AST (Alternative Site Testing).

Please consult your health care professional before you perform AST.

When to use AST?

Food, medication, illness, stress and exercise can affect blood glucose levels. Capillary blood at the fingertip reflects these changes faster than capillary blood at other sites. Thus, when testing blood glucose during or immediately after a meal, physical exercise, or any other event, **take a blood sample from your finger only.**

We strongly recommend that you perform AST **ONLY** at the following times:

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

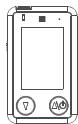
Do **NOT** use AST if:

- ⇨ You think your blood glucose is low.
- ⇨ You are unaware of hypoglycemia.
- ⇨ You are testing for hyperglycemia.
- ⇨ Your AST results do not match the way you feel.
- ⇨ Your routine glucose results often fluctuate.

PERFORMING A BLOOD GLUCOSE TEST

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You will need:



1. Meter



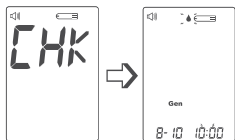
2. Test Strip



3. Lancing Device



4. Lancet



1. Insert the test strip to turn on the meter

Wait for the meter to display the  and .

Voice Guide

Thank you for using this product.
Please relax during the measurement.
The ambient temperature is 25.8 degrees Celsius.
Please apply blood onto the test strip.

2. Select the appropriate measuring mode by pressing .

For selecting the measurement mode, please refer to the "FOUR MEASURING MODES".



✓ Correct

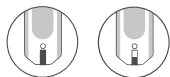
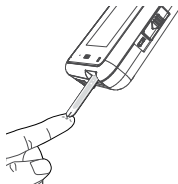


✗ incorrect

3. Obtaining a blood sample

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 as big as ● (actual size), which is 0.5 microliter (μL) of volume. Gently squeeze the punctured area to obtain another drop of blood. Be careful **NOT** to smear the blood sample.

PERFORMING A BLOOD GLUCOSE TEST



✓ **Correct** ✗ **Incorrect**

4. Apply the Sample

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.



Voice Guide

Please apply blood onto the test strip.

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 the **TESTAmed** customer service for assistance.



5. Read Your Result

The result of your blood glucose test will appear after the meter counts down to 0. This blood glucose result will automatically be stored in the memory (100 mg/dl = 5.6 mmol/l).



Voice Guide

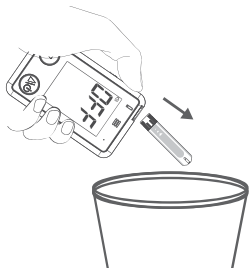
Your blood glucose is 100 milligrams per deciliter.

If your blood glucose is out of the device's range, you get "HI" or "LO".



Voice Guide

Your blood glucose is out of range, thus unable to measure.



6. Eject the used test strip

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.**

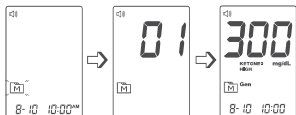
WARNING:

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

METER MEMORY

The meter stores the 450 most recent blood glucose test results along with respective dates and times in its memory. **To enter the meter memory, start with the meter switched off.**

Reviewing Test Results



1. Press and release **MEM**.

M will appear on the display. Press **MEM** again, and the first reading you see is the last blood glucose result along with date, time and the measurement mode. (300 mg/dl = 16.7 mmol/l)



2. Press **▲** or **▼** to recall the test results stored in the meter. (200 mg/dl = 11.1 mmol/l)

Press the **MEM** button to recall the test results stored in the meter each time you press. After the last test result, press **MEM** again and the meter will be turned off.

Voice Guide

Your blood glucose is 200 milligrams per deciliter.

Reviewing Blood Glucose Day Average Results



1. Press and release **MEM**.


When **M** appears on the display, keep pressing **MEM** for 3 seconds until the flashing "Day Avg" appears. Release **MEM** and then your 7-day average result measured in general mode will appear on the display. (100mg/dl = 5.6 mmol/l)

2. Press **MEM** to review 14-, 21-, 28-, 60- and 90- day average results stored in each measuring mode in the order of Gen, AC, then PC.

3. Exit the meter memory.

Keep pressing **MEM** and the meter will be turned off after displaying the last test result.

NOTE:

- Any time you wish to exit the memory, keep pressing  for 5 seconds 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.
- If using the meter for the first time, “---” displays when you recall the test results or review the average result. It indicates that there is no test result in the memory.

Downloading Results onto a Computer

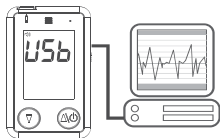
Data Transmission Via USB/Type C Cable

You can use the meter with the USB/Type C Cable and the Health Care Software System to view test results on your personal computer. To learn more about the Health Care Software System, please contact **TESTAmed** customer services for assistance.

1. Installing the software

To download the Health Care Software System, please visit the **TESTAmed** website: www.testamed.de

2. Connecting to a personal computer



Connect the device with your computer using a USB/Type C Cable. Connect the USB/Type C cable to a USB port on your computer. With the meter switched off, „USB” will appear on the meter display, indicating that the meter is in communication mode.

3. Data transmission

To transmit data, follow the instructions provided with the software. Results will be transmitted with date and time. Remove the cable from your computer, the meter will automatically switch off.

WARNING:

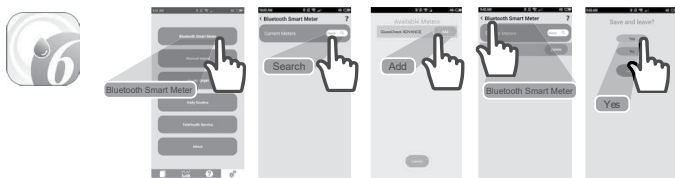
While the meter is connecting to the PC, it will be unable to perform a blood glucose test.

TRANSFERRING DATA

Data Transmission Via Bluetooth

You can use your device with an iOS (5.0.1 or higher) or Android system (4.3 API Level 18 or higher) to download data from your TESTAmed GlucoCheck ADVANCE via Bluetooth. Follow the steps below to transmit data from your TESTAmed GlucoCheck ADVANCE. Please contact your local customer service or place of purchase for assistance.

1. Install the software (iFORA HM) on your device with an iOS or Android system from the App Store or Google Play.
2. Every time the TESTAmed GlucoCheck ADVANCE is turned off, the Bluetooth will be initiated for data transmission. The Bluetooth indicator flashes in blue.
3. Make sure your TESTAmed GlucoCheck ADVANCE is already paired with your device with an iOS or Android system by following the instructions as below.



NOTE:

This step is recommended when the user needs to pair this meter to a Bluetooth receiver for the first time, or when the user needs to pair this meter to another new Bluetooth receiver.

4. If your device with an iOS or Android system is within the receiving range, the data transmission will start and the Bluetooth signals in blue. Once it is finished, the TESTAmed GlucoCheck ADVANCE will automatically switch off.
5. If your device with an iOS or Android system is not within the receiving range, the TESTAmed GlucoCheck ADVANCE will automatically switch off in 2 minutes.

NOTE:

- While the meter is in transmission mode, it will be unable to perform a blood glucose test.
- Make sure your device with iOS or Android system has turned on its Bluetooth before transmitting the data and the meter is within the receiving range.


Battery

Your meter comes with two 1.5V AAA size alkaline batteries.


Low Battery Signal

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



1. The  symbol appears along with display messages. The meter is functional and the result remains accurate, but it is time to change the batteries.

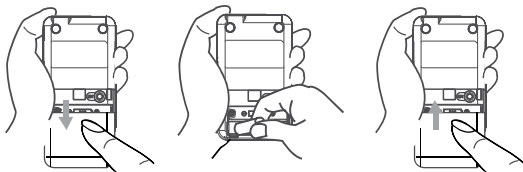


2. The  symbol appears with E-b, warning symbol and low:
The power is not enough to do a test. Please change the batteries immediately.

Replacing the Battery

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

1. Press the edge of the battery cover and lift it up to remove.
2. Remove the old batteries and replace with two 1.5V AAA size alkaline batteries.
3. Close the battery cover. If the batteries are inserted correctly, you will hear a „beep“ afterwards.

**NOTE:**

- Replacing the batteries does not affect the test results stored in the memory.
- As with all small batteries, these batteries should be kept away from small 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

To avoid the meter and test strips attracting dirt, dust or other contaminants, please wash and dry your hands thoroughly before use.

Cleaning

1. To clean the meter exterior, wipe it with a cloth moistened with tap water or a mild cleaning agent, 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: -4 °F – 140 °F (-20 °C – 60 °C), 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.

Caring for Your Test Strips

- Storage conditions: 35.6 °F – 89.6 °F (2 °C – 32 °C), below 85 % relative humidity. 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.
- Write the opening date on the vial label when you first opened it. Discard remaining test strips after 6 months.
- Do not use test strips beyond the expiry 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.




Important Control Solution Information

- Use only our control solutions with your meter.
- Do not use the control solution beyond the expiry 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 68 °F – 77 °F (20 °C – 25 °C). 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 36 °F – 86 °F (2 °C – 30 °C). Do **NOT** freeze.






SYSTEM TROUBLESHOOTING

If you follow the recommended action but the problem persists, or error messages other than the ones below appear, please call your **TESTAmed** customer service. Do not attempt to repair yourself and never try to disassemble the meter under any circumstances.

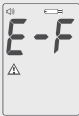

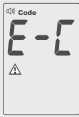
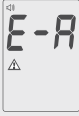

Result Readings

MESSAGE	WHAT IT MEANS
Lo	<p>Appears when glucose < 20 mg/dl (1.1 mmol/l)</p> <p> Voice Guide</p> <p>Your blood glucose is out of range, thus unable to measure.</p>
100	<p>Appears when glucose ≤ 20 mg/dl (1.1 mmol/l) < 250 mg/dl (13.9 mmol/l)</p> <p> Voice Guide</p> <p>Your blood glucose is 100 milligrams per deciliter.</p>
KETONE?	<p>Blinks when glucose ≥ 250 mg/dl (13.9 mmol/l)</p>
Hi	<p>Appears when glucose > 600 mg/dl (33.3mmol/l)</p> <p> Voice Guide</p> <p>Your blood glucose is out of range, thus unable to measure.</p>

Error Messages

MESSAGE	WHAT IT MEANS	WHAT TO DO
	Appears when the batteries cannot provide enough power for a test	Replace the batteries immediately
	Appears when a used test strip is inserted	Repeat with a new test strip
	Appears when ambient temperature is below system operation range	System operation range is 50 °F – 104 °F (10 °C – 40 °C)
	Appears when ambient temperature is above system operation range	Repeat the test after the meter and test strip are in the above temperature range
	Problem with the meter	Repeat the test with a new test strip. If the meter still does not work, please contact the TESTAmed customer service for assistance.

Troubleshooting


MESSAGE	WHAT IT MEANS	WHAT TO DO
	Appears when test strip is removed while counting down, or insufficient blood volume	Repeat the test with a new test strip
	Problem with the meter	Review the instructions and repeat the test. If the meter still does not work, contact the TESTamed customer service for assistance.
	Problem with the meter	
	Problem with the meter	
		

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 TESTAmed 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 TESTAmed 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 (68 °F – 77 °F / 20 °C – 25 °C) before testing
Defective test strip	Repeat the test with a new test strip
Meter malfunction	Please contact TESTAmed customer services.





















The meter provides you with plasma equivalent results

Time of day	Normal plasma glucose range for people without diabetes (mg/dl)
Fasting and before meal	Less than 100 mg/dl (5.6 mmol/l)
2 hours after meals	Less than 140 mg/dl (7.8 mmol/l)

Source: American Diabetes Association (2010). Clinical Practice Recommendations. Diabetes Care, 33 (Supplement 1): S1–S100.

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

SYMBOL INFORMATION

SYMBOL	REFERENT	SYMBOL	REFERENT
	In vitro diagnostic medical device		Serial number
	Do not reuse		Caution, consult accompanying documents
	Consult instructions for use		Authorised representative in the European Community
	Keep away from sunlight		Sterilised using irradiation
	Keep dry		Do not use if package is damaged
	Temperature limitation		Disposal of waste equipment
	Use by / Expiry date		3 Volt (DC)
	Use within 6 months after first opening		CE Mark (CE 0123)
	Batch code		Humidity limitation
	Manufacturer		Unique Device Identification

SPECIFICATIONS

En

Modell Nr.: GD88

Dimension & Weight: 95.5(L) x 57(W) x 15(H) mm, 56.6 g

Power Source: two 1.5V AAA alkaline batteries

Display: LCD

Memory: 450 measurement results with respective date and time

External output: USB/Type C Cable & Bluetooth

Auto electrode insertion detection

Auto sample loading detection

Auto reaction time count-down

Auto switch-off after 3 minutes without action

Temperature Warning

Operating Condition: 50 °F – 104 °F (10 °C – 40 °C), below 85 % R.H. (non-condensing)

Storage/Transportation Conditions: -4 °F – 140 °F (-20 °C – 60 °C), below 95 % R.H.


Measurement Units: mg/dl or mmol/l

Measurement Range: 20 to 600mg/dl (1.1 to 33.3 mmol/l)

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.

DISPOSAL OF THE SYSTEM

Meter	<p>Dispose of the meter according to the appropriate local regulations or you may return them to TESTAmed. Please be sure to delete your personal data from the meter before disposal. For more information, please contact your local customer service.</p> <p>Environmental Protection</p> <p>Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist.</p> 
Test Strips	<p>The used test strips may be biohazardous. Please discard them in accordance with applicable regulations and directives for disposal of potentially infectious samples.</p>
Lancets	<p>The used lancets may be biohazardous. Please discard them safely according to your local regulations. Safely dispose of the used lancet by placing the protective disk on a hard surface, and pushing the exposed tip into the disk.</p>
Batteries	<p>Bring the used batteries to your local collection sites and dispose of the batteries according to your local environmental regulations.</p>

TESTamed DIABETES CARE
Customer Support Hotline
0800-TREND 11 (0800-87363-11)*

www.testamed.de

**only available in Germany*

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