ACCU-CHEK® Guide Link
Blood Glucose Monitoring System

User's Manual
for Single Patient Use Only
Blood Glucose Meter

**For use with the MiniMed™ 770G system
with *Bluetooth*® wireless technology**

ACCU-CHEK®
Guide Link

Medtronic   Roche

Contents

The Accu-Chek Guide Link System

The Accu-Chek Guide Link Blood Glucose Monitoring System is comprised of the Accu-Chek Guide Link meter and the Accu-Chek Guide test strips.*

The Accu-Chek Guide Link Blood Glucose Monitoring System is intended to quantitatively measure glucose in fresh capillary whole blood from the fingertip, palm, and upper arm as an aid in monitoring the effectiveness of glucose control.

The Accu-Chek Guide Link Blood Glucose Monitoring System is intended for in vitro diagnostic single-patient use by people with diabetes.

The Accu-Chek Guide Link Blood Glucose Monitoring System is intended to be used by a single person and should not be shared.

This system is not for use in diagnosing or screening of diabetes mellitus and not for neonatal use.

Alternative site testing should be done only during steady-state times (when glucose is not changing rapidly).

The Accu-Chek Guide control solutions are for use with the Accu-Chek Guide Link Blood Glucose Monitoring System to check that the meters and test strips are working together properly and that the test is performing correctly.

The Accu-Chek Guide Link Blood Glucose Monitoring System is intended to be used to wirelessly transmit glucose values to the MiniMed™ 770G system with Bluetooth® wireless technology through the use of Bluetooth low energy communication.

The Accu-Chek Guide Link Blood Glucose Monitoring System includes:

Accu-Chek Guide Link meter with batteries, Accu-Chek Guide test strips,* Accu-Chek Guide control solutions,* Accu-Chek FastClix lancing device,* Accu-Chek FastClix lancet drums.*

*Some items may not be included in the kit. They are a separate purchase.

WARNING

- Choking hazard. Small parts. Keep away from children under the age of 3 years.
- Keep new and used batteries away from children. Ingestion or insertion into the body may cause chemical burns, perforation of soft tissues, and death. Severe burns may occur within 2 hours of swallowing. If you think a battery might have been swallowed or placed inside any part of the body, seek medical attention immediately.
- If the battery compartment does not close securely, stop using the product and keep it away from children. Contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

Important Safety Information

Limitations

- Do not use the meter at high hematocrit levels above 65 % or low hematocrit levels below 10 %.

- Not for use in diagnosis or screening of diabetes mellitus.

- Not for neonatal use.

- Abnormally high concentrations of ascorbic acid (vitamin C) resulting in blood concentrations in excess of 5 mg/dL may cause inaccurate test results. If you are not sure please check with your doctor.

- Do not use the meter system to measure blood glucose in people who are experiencing cardiovascular collapse (severe shock) or decreased peripheral blood flow.

- Do not use this system during xylose absorption test.

- Not for use on critically ill patients, patients in shock, dehydrated patients, or hyperosmolar patients.

- This system has not been tested at altitudes higher than 10,150 feet.

WARNING
- Do not use Alternative Site Testing to calibrate a continuous glucose monitoring system.
- Do not use Alternative Site Testing to make insulin dosing calculations.
- Alternative site testing should be done only during steady-state times (when glucose is not changing rapidly).

Need Help?

For questions, contact the Accu-Chek Customer Care Service Center toll-free at 1-800-858-8072. Hours of operation are Monday through Friday between 8:00 am and 8:00 pm eastern standard time (EST). We offer assistance in many languages. You can also visit accu-chek.com for diabetes management tools and product demonstrations.

Please register your warranty online at accu-chek.com/register, so you receive the best customer service possible and product update news.

About Testing Yourself or Others

WARNING

- DO NOT CHANGE YOUR THERAPY BASED ON A TEST RESULT THAT DOES NOT MATCH HOW YOU FEEL OR IF YOU BELIEVE THAT YOUR TEST RESULT COULD BE INCORRECT.

- It is strongly recommended to have a back-up testing method available. Failure to test could cause a delay in therapy decisions and lead to a serious medical condition. Examples of back-up testing methods include a back-up meter and test strips. Ask your healthcare professional or pharmacist about other possible back-up methods.

- If your blood glucose result does not match how you feel and you have followed the instructions in this User's Manual, follow your healthcare professional's instructions, or contact your healthcare professional.

Important Safety Information

WARNING

- During normal testing, any blood glucose meter or lancing device may come in contact with blood. All parts of the kit are considered biohazardous and can potentially transmit infectious diseases from bloodborne pathogens, even after you have performed cleaning and disinfecting.[1,2]

- The meter and lancing device should never be used by more than one person. Do not share the meter and lancing device with anyone, including family members, due to the risk of infection from bloodborne pathogens.[1,2] Do not use on multiple patients!

- Cleaning and disinfecting the meter and lancing device destroys most, but not necessarily all, bloodborne pathogens.[3]

- If the meter is being operated by a second person who is providing testing assistance to the user, the meter and lancing device should be cleaned and disinfected prior to use by the second person.

- Disinfect the meter and lancing device before allowing anyone else to handle them. Do not allow anyone else to test with the meter or lancing device.

- It is important to keep the meter and lancing device clean and disinfected. For instructions on how to clean and disinfect the meter and lancing device, see the chapter Meter and Lancing Device Cleaning and Disinfecting.

- Wash hands and dry thoroughly before and after handling the meter, lancing device, or test strips.

NOTE

- Perform a control test when you open a new test strip box or if you think that a test result is incorrect. Performing a control test lets you know that the meter and test strips are working properly.
- Refer to the test strip and control solution package inserts for additional health-related information.
- Blood glucose and BG are interchangeable and mean the same thing.

Special Information for Caregivers

- Consult your healthcare professional to determine if it is appropriate for your child to be taught how to use the meter system or any other medical products.
- Some people with diabetes do not experience symptoms of low blood glucose (hypoglycemia). Others, such as children or people who are unconscious or have certain disabilities, may not be able to communicate their symptoms to caregivers. For these reasons, do not change any therapy without first talking to a healthcare professional.

Important Safety Information

Before You Start Testing

WARNING

- Carefully read and follow the instructions in the User's Manual and package inserts for the test strips and control solutions. It is very important to follow the instructions in order to avoid an incorrect test result that leads to improper therapy.

- Inspect the test strip container before using the test strips for the first time. If you see any damage to the container cap or if anything prevents the cap from closing properly, do not use the test strips. Contact the Accu-Chek Customer Care Service Center. Damaged test strips can cause inaccurate results, which could lead to improper therapy.

- The meter, test strips, and control solution are only for use outside the body (in vitro). Do not eat the test strips. Do not swallow or inject the control solution or use the control solution for any purpose other than testing the Accu-Chek Guide Link Blood Glucose Monitoring System.

NOTE

- The meter may prompt you to choose a language the first time you turn it on.

The Accu-Chek Guide Link Meter

Front View

Back View

Side View

1. **Display**
   Shows results, messages, and test results stored in memory.

2. **Back Button**
   Returns to a previous display or field.

3. **Up Arrow and Down Arrow Buttons**
   Press to move between menu options or to increase or decrease numbers.

4. **Power/Set/OK Button**
   Turns meter on or off and sets options.

5. **Test Strip Slot with Light**
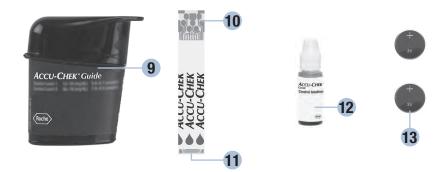   Insert test strip here.

6. **Battery Door**
   Flip open to replace batteries.

7. **Micro USB Port**
   USB functionality is not available for this meter.

8. **Test Strip Ejector**
   Press to remove test strip.

1 | Your New Meter

9. **Test Strip Container***

10. **Test Strip* – Metallic End**
    Insert this end into meter.

11. **Test Strip* – Yellow Edge**
    Touch blood drop or control solution here.

12. **Control Solution Bottle***

13. **Batteries**

*Some items may not be included in the kit. They are a separate purchase. Contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

The Accu-Chek FastClix Lancing Device

1. **Cap**
   For fingertip testing.

2. **Comfort Dial with Depth Selection**
   Select penetration depth.

3. **Penetration Depth Indicator**
   Points to depth setting.

4. **Lever**
   Advance to a new lancet.

5. **Lancet Counter Window**
   Shows number of available lancets.

6. **Release Button**
   Press to prime and prick.

7. **Lancet Drum**
   Contains 6 lancets.

NOTE

Some items may be sold separately.
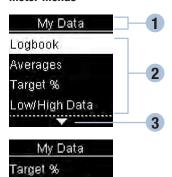
1 Your New Meter

Button Functions

Here are the functions of the back, arrow, and Power/Set/OK buttons on the meter. These functions are used throughout this manual. See the chapter Meter Settings for specific instructions on setting up the meter.
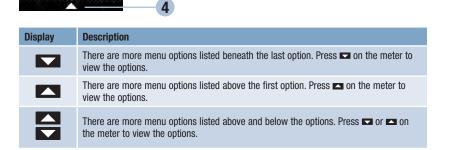
Button	Function
 Back Button	Return to the previous display. Return to the previous field.
 Up Arrow and Down Arrow Buttons	Navigate up and down in a menu. Increase or decrease a number.
 Power/Set/OK Button	Press briefly to turn the meter on. Press and **hold** to turn the meter off. Press to select an option. Press to move to the next field or display. Press to save an option. With the meter off, press and **hold** to check the meter display.

NOTE

Before you begin testing, turn the meter on by briefly pressing so the meter can synchronize its time and date with the paired pump.

Meter Menus

My Data

Logbook
Averages
Target %
Low/High Data
▼

❶ Title of display or menu
❷ Menu options
❸ Scroll down
❹ Scroll up

My Data

Target %
Low/High Data
Patterns
Data Transfer
▲

Display	Description
▼	There are more menu options listed beneath the last option. Press ▼ on the meter to view the options.
▲	There are more menu options listed above the first option. Press ▲ on the meter to view the options.
▲▼	There are more menu options listed above and below the options. Press ▼ or ▲ on the meter to view the options.

1 | Your New Meter

Display	Description
9:38am 12/11/16 Main Menu ♦ Test 🔳 My Data ⚙ Settings	Highlighted option (**Test**) Press 🔲 to enter the **Test** menu.
Time/Date HH MM A/P 9 : 38 am DD MM YY 11 / 12 / 16	Highlighted field (**HH**=Hour) Press 🔽 or 🔼 to increase or decrease the hour. Press 🔲 to set the hour and move to the minutes field.

Symbols

Here is a list of the symbols on the meter display.

Symbols	Description
↥	Above target range
✗	After meal
☾	Bedtime
●	Before meal
↧	Below target range
◗	Blood glucose test
✓	Checkmark / Control test OK / Selected option or setting
C	Control bottle
✗	Control test not OK
✎	Edit
⊗	Error
⊘	Fasting

Your New Meter

Symbols	Description
✈	Flight mode
?	Help
🔋	Low battery
	My data
-- --	No comment
✳	Other
☺	Overall
⚙	Settings
🔔	Test reminder
⚠	Warning
↕	Within target range

Set the Language

The meter may prompt you to choose a language the first time you turn it on.

1

Language

✓ English

Български

Česky

Dansk

Turn the meter on by briefly pressing ▣. **Language** appears.

Press ▾ or ▴ to highlight the language.

2

9:38am   12/11/16
Main Menu

♦ Test

🗐 My Data

⚙ Settings

Press ▣ to set the desired language and continue.

NOTE

If you select the wrong language and cannot correct it, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

1 Your New Meter

Using the Accu-Chek FastClix Lancing Device

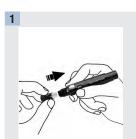|	
	• The black cap is for fingertip testing only. • Remember that the opening where the lancet comes out is not in the center of the cap. • Remove the cap by pulling it straight off. Do not twist the cap.
	• A new lancet drum is dark gray with a white end.
	• A used lancet drum has a visible red stripe on the white end. • You cannot reuse a used lancet drum. • Do not remove the lancet drum until you have used all 6 lancets.
	• The penetration depth indicator on the comfort dial shows the current depth setting. The higher the number, the deeper the penetration. The best depth setting is the lowest number that lets you get enough blood for a test. Try different depth settings to find the one that is right for you. • For soft skin, we suggest a depth setting of 2. For thick skin, try a higher depth setting.

Inserting a Lancet Drum

You must first load the lancet drum into the lancing device to get it ready for use.

1	2	3
Remove the cap.	Slide the cap on until it stops by aligning the notch on the cap with the notch on the lancing device.	You are now ready to use the first lancet.
Insert a new lancet drum, white end first, until it clicks firmly into place.		The lancet counter shows a number 6, meaning you have 6 new lancets remaining.

NOTE

Once the lancet drum is inserted into the lancing device, do not remove the lancet drum until completely used. The lancet drum cannot be reused once it has been removed from the lancing device.

WARNING

You must not insert the lancet drum into the lancing device and simultaneously press the release button or hold the lancing device with the release button resting on a surface such as a table top. This could release a lancet and inadvertently cause injury.

Using the Accu-Chek FastClix Lancing Device

1

Adjust the lancet depth by turning the comfort dial.

2

Obtain a blood drop. See the chapter Blood Glucose Tests.

3

Advance to the next lancet by sliding the lever forward and back all the way.

The number in the lancet counter decreases by 1.

The lancet counter window shows the number of remaining lancets.

NOTE

- NEVER reuse a lancet.
- ALWAYS use a new, sterile lancet each time you test to avoid infection.
- For safety reasons, once you advance to a new lancet, you cannot go back to a used lancet.

WARNING

NEVER share your lancing device with anyone.

Changing the Lancet Drum

When you have used the sixth and last lancet, change the lancet drum.

1

Remove the cap.

Hold the lancet drum between your thumb and index finger and pull it straight out.

A red stripe is visible on the white part, indicating that the lancet drum has been used.

2

Throw the old lancet drum away.

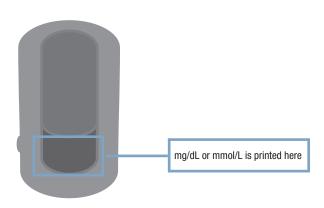**Always discard according to local regulations.**

3

Insert a new lancet drum, white end first, until it clicks firmly into place.

Slide the cap back on until it stops by aligning the notch on the cap with the notch on the lancing device.

WARNING

- The meter and lancing device should never be used by more than one person. Do not share the meter and lancing device with anyone, including family members, due to the risk of infection from bloodborne pathogens.[1,2] Do not use on multiple patients!

- Blood glucose results can be displayed in either mg/dL or mmol/L. The back label of the meter shows the unit of measurement. If the meter shows the wrong unit, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072. The correct unit of measure in the US is mg/dL. If you do not know which unit of measurement is correct for you, contact your healthcare professional. Using the wrong unit of measurement may cause misinterpretation of your actual blood glucose level and may lead to improper therapy.

mg/dL or mmol/L is printed here

3 | Blood Glucose Tests

Using the Accu-Chek Guide Link Meter System

• The Accu-Chek Guide test strips are for testing fresh capillary whole blood.

• Use only Accu-Chek Guide test strips.

• Use the test strip immediately after removing it from the test strip container.

• Do not apply blood or control solution to the test strip before inserting it into the meter. If you applied blood or control solution before inserting the test strip into the meter, retest with a new test strip. If a result appears before applying blood or control solution, do not act on that result.

• Close the test strip container tightly immediately after removing a test strip. Moisture can damage the test strips and produce incorrect results.

• Store the unused test strips in their original container with the cap tightly closed.

• Discard the test strips if they are past the **Use By** date printed on the test strip container. If the **Use By** date is missing or cannot be read, do not use the test strips. Contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

• Refer to the test strip package insert for test strip storage and system operating conditions.

• Do not remove test strips from the test strip container and put them into another container, such as a plastic bag, pocket, purse, wallet, etc.

• Do not reuse test strips. Once control solution or blood has been applied to a test strip, discard it. If a retest is necessary, use a new test strip.

• Perform a control test every time you open a new test strip box.

WARNING

To prevent inaccurate results:

- If you drop the meter or drop the meter with a test strip inserted, the meter and/or test strip could be damaged. Discard the test strip and perform a control test with control solution and a new, unused test strip to ensure the meter and test strips are both working properly. Then repeat the blood glucose test with a new test strip.

- DO NOT remove test strips from the test strip container and put them into another container, such as a plastic bag, pocket, purse, wallet, etc. Storing test strips outside of the test strip container can damage the test strips and lead to inaccurate results. It is important that the test strips remain in their original container until the time of use.

- DO NOT expose test strips to heat, moisture, or humidity. Temperatures outside the required range, as well as moisture and humidity, can damage the test strips and lead to inaccurate results.

- DO NOT bend, cut, or alter the test strips.

- DO NOT get dirt, food, or other material on the test strip.

- When performing a blood glucose test, remove your finger from the test strip after the test strip is dosed and Analyzing appears on the meter. Failure to move your finger away from the test strip during measurement could give inaccurate results.

3 | Blood Glucose Tests

Representation of Accuracy for Home Use

Your Accu-Chek Guide Link meter result may vary slightly from your actual blood glucose value. This is due to slight differences in technique and the natural variation in the test technology. The table and chart below show the results of a study where 120 typical users used the meter to test their blood glucose level. The system exceeds the FDA requirement of at least 95 % of results to be within ±15 % of the reference value across the entire measuring range.

Accu-Chek Guide System User Performance:
Subject Versus Reference – Total System Capillary Accuracy

Difference range between true blood glucose level and meter result:	Meter Results Within			
	±5 %	±10 %	±15 %	±20 %
Number (and percentage) of meter results that match the true blood glucose level:	70 of 120 (58.3 %)	111 of 120 (92.5 %)	119 of 120 (99.2 %)	120 of 120 (100.0 %)

Accurate Results
(within ±15 % of laboratory)

119 of 120 results (99.2 %)

More Accurate Results
(within ±10 % of laboratory)

111 of 120 results (92.5 %)

Most Accurate Results
(within ±5 % of laboratory)

70 of 120 results (58.3 %)

Performing a Blood Glucose Test with Blood from Your Fingertip

Refer to the Important Safety Information section at the beginning of this manual.

> **NOTE**
>
> • Before you perform your first blood glucose test, set up the meter correctly.
>
> • You need the meter, a test strip, and a lancing device with a lancet drum loaded to perform a blood test.
>
> • A blood glucose test cannot be performed while the meter is connected to a PC with a USB cable.
>
> • There are 2 ways to start a blood glucose test.
>   • Insert a test strip into the meter.
>   • Turn the meter on by briefly pressing 🆗. Select **Test** > 🆗.

Blood Glucose Tests

1

Wash your hands with warm soapy water and dry thoroughly. Dirty or wet hands could affect test results.

2

Rotate the comfort dial until the desired penetration depth lines up with the indicator.
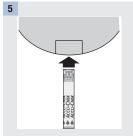
3

Use By: 0000-00-00

Check the **Use By** date on the test strip container.

Do not use test strips past the **Use By** date.

4

Remove a test strip from the test strip container.
Close the cap tightly.

5

Insert the metallic end of the test strip into the meter.

Test

Preparing to test

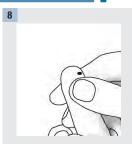The meter turns on. **Preparing to test** appears.

6

When **Apply drop** appears, obtain a blood drop.

7

Press the lancing device firmly against the side of your fingertip.

Press the release button all the way down to prick your finger.

8

Gently squeeze your finger to assist the blood flow. This helps you get a blood drop.

9

Touch the **yellow edge** of the test strip to the blood drop. Remove your finger from the test strip when **Analyzing** appears. Failure to move your finger away from the test strip could give inaccurate test results. Do not put blood on top of the test strip.

The test result appears on the display.

Note: Press ◤ to automatically send result to a paired pump. If ◤ is not pressed, there will be a delay seeing the blood glucose result on the paired pump.

You have the option of adding a comment to the test result by pressing ⏻ OR proceed to Step 12 to complete the test.

10

Add Comment appears. Press ▼ to highlight a comment. Press 🆗 to set the comment for the test result and send the blood glucose result to the paired pump. See the Adding Comments to Blood Glucose Results section of this chapter for details.

11

The final result appears. Press 🆗 or ◀ to set the comment and return to **Main Menu**. Or to change the comment, press ▼ to select the comment.

Press 🆗 to return to **Add Comment**.

12

Press here to eject test strip

Remove and discard the used test strip by pulling the test strip out of the meter or by pushing the test strip ejector on the side of the meter.

13

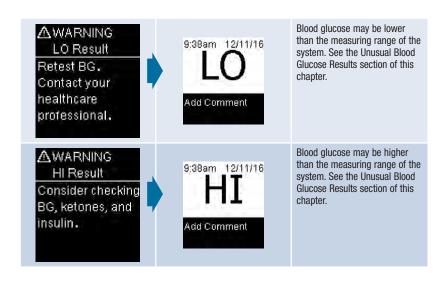Advance to the next lancet by sliding the lever forward and back all the way.

14

Wash hands thoroughly with soap and water.

Blood Glucose Warnings

If your blood glucose result is outside the measuring range of the meter, a warning is displayed. Press ☒ to acknowledge the LO or HI warning, OR the meter automatically moves to the LO or HI result display.

		Blood glucose may be lower than the measuring range of the system. See the Unusual Blood Glucose Results section of this chapter.
⚠WARNING LO Result Retest BG. Contact your healthcare professional.	9:38am 12/11/16 LO Add Comment	
⚠WARNING HI Result Consider checking BG, ketones, and insulin.	9:38am 12/11/16 HI Add Comment	Blood glucose may be higher than the measuring range of the system. See the Unusual Blood Glucose Results section of this chapter.

3 | Blood Glucose Tests

Adding Comments to Blood Glucose Results

NOTE

Analyzing your blood glucose results stored in the meter is an effective way for you and your healthcare professional to determine how well you are controlling your diabetes. This analysis is a valuable tool for making improvements to your diabetes management. Use care when adding comments to blood glucose results.

WARNING

CAUTION – Incorrect comments can cause inaccurate patterns to be detected by the meter if Patterns is On.

Overview

It is very important to have the correct time and date set in the meter. Having the correct time and date setting helps ensure accurate interpretation of information by you and your healthcare professional.

- You may add comments to blood glucose results to help you and your healthcare professional analyze patterns detected by the meter (see the Patterns section in the chapter Meter Settings for details).

- If Patterns is set to **On**, once a pattern is detected you may NOT change the comment attached to a blood glucose result (see the Patterns section in the chapter Meter Settings for details).

- Adding a comment saves the comment and the symbol with the blood glucose result.

NOTE

If paired with a pump, the meter time and date are automatically set to the pump's time and date during communication.

Here is a list of comment symbols that can be added to a blood glucose result.

Symbols	Name	Description
🍎	Before meal	If Patterns is **On**, select Before breakfast, lunch, dinner, or snack (see the following page for adding comments with Patterns **On**).
🍏	After meal	If Patterns is **On**, select After breakfast, lunch, dinner, or snack (see the following page for adding comments with Patterns **On**).
🚫	Fasting	Select Fasting for no caloric intake for at least 8 hours.*
🌙	Bedtime	
✳	Other comment	You can use this comment to mark an event such as an AST result or exercise.
▬ ▬	No entry	1. You do not want to add a comment. 2. You want to remove a comment for the current blood glucose result.

*American Diabetes Association: Standards of Medical Care in Diabetes-2016.

3 Blood Glucose Tests

1

After performing a blood glucose test, the test result is displayed on the screen with **Add Comment** highlighted. Press ⚙ to add a comment.

2

The **Add Comment** menu appears. Press ▼ to select the desired comment (the example here is **Before meal**). Press ⚙ to set the comment.

If Patterns is On:

If **Patterns** is on and you select **Before meal** or **After meal**, press ▼ to select a specific meal (**Breakfast, Lunch, Dinner,** or **Snack**). Press ⚙ to set the selected meal for the test result.

3

The final result appears with the comment symbol. When automatically sending results to a paired pump, press 🆗 or 🔼 to set the comment, send the result, and return to **Main Menu**.

To change the comment, press 🔽 to select the comment. Press 🆗 to return to **Add Comment**.

PRECAUTION

When using a test result for calibrating a continuous glucose monitoring system or to make insulin dosing calculations, confirm that the result displayed on the pump matches the result displayed on the meter.

3 | Blood Glucose Tests

Performing a Blood Glucose Test with Blood from Your Palm or Upper Arm (Alternative Site Testing, AST)

WARNING

- Do not use alternative site testing to calibrate a continuous glucose monitoring system.
- Do not use alternative site testing to make insulin dosing calculations.
- Alternative site testing should be done only during steady-state times (when glucose is not changing rapidly).

You have the option of obtaining a blood sample from other sites on your body besides the fingertip. Alternative sites include the palm and upper arm.

Blood obtained from the fingertip can be used at any time to test blood glucose.

If blood from an alternative site is used, there are certain times when testing is not appropriate. This is because your blood glucose level changes faster in your fingertip than in the alternative sites. These differences may cause you to misinterpret your actual blood glucose level, leading to improper therapy and potential adverse health effects.

Read the next section before you try testing from alternative sites.

You may perform a palm or upper arm test	• immediately before a meal. • while fasting.
You may NOT perform a palm or upper arm test	• up to 2 hours following a meal, when blood glucose values can rise quickly. • after injecting bolus insulin, when blood glucose values can decrease rapidly. • after exercise. • if you are sick. • if you think your blood glucose is low (hypoglycemia). • if you sometimes do not notice when your blood glucose is low.

If you are interested in AST, talk to your healthcare professional first.

To obtain an AST cap and detailed AST instructions, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

Unusual Blood Glucose Results

If your blood glucose result does not match how you feel, follow these steps:

1. Perform a control test. See the chapter Control Tests.

2. Repeat the blood glucose test.

If your blood glucose result still does not match how you feel, follow your healthcare professional's instructions or call your healthcare professional immediately.

NOTE

Always follow your healthcare professional's instructions. For example, if your healthcare professional has advised you to immediately treat a low blood glucose result (such as by eating something), then do that first.

WARNING

• Do not change your treatment because of one blood glucose result.

• NEVER ignore symptoms of low or high blood glucose.

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3 | Blood Glucose Tests

Symptoms of Low or High Blood Glucose

The meter is designed to provide a numerical value for blood glucose in the range of 20–600 mg/dL.

WARNING

Being aware of the symptoms of low or high blood glucose can help you understand your test results and decide what to do if they seem unusual.

Low blood glucose (hypoglycemia): Symptoms of hypoglycemia may include, but are not limited to, anxiety, shakiness, sweating, headache, increased hunger, dizziness, pale skin color, sudden change in mood or irritability, fatigue, difficulty concentrating, clumsiness, palpitations, and/or confusion.

High blood glucose (hyperglycemia): Symptoms of hyperglycemia may include, but are not limited to, increased thirst, frequent urination, blurred vision, drowsiness, and/or unexplained weight loss.

If you are experiencing any of these symptoms, or other unusual symptoms, test your blood glucose from the fingertip. If your blood glucose result is displayed as LO or HI, follow your healthcare professional's instructions or contact your healthcare professional immediately. If your blood glucose result does not match how you feel, follow the steps in the Unusual Blood Glucose Results section of this chapter.

Comparing Your Meter Result to a Laboratory Result

A common question is how the blood glucose results on the meter compare to the laboratory results. Your blood glucose can change quickly, especially after eating, taking medication, or physical activity. If you test yourself in the morning, then go to your healthcare professional's office for a blood glucose test, your test results will probably not match, even if you are fasting. This is typically not a problem with the meter, it just means that time has elapsed and your blood glucose level has changed.

Although you always apply fresh capillary whole blood to the test strip, the system has been calibrated to deliver plasma-like values for easier comparison to laboratory results.

If you want to compare your meter result to the laboratory result, **you must be fasting**. Take the meter to your healthcare professional's office and test yourself by fingerstick within 5 minutes of having blood drawn from your arm by a healthcare professional. Keep in mind that the laboratory uses different technology than the meter and that blood glucose meters for self-testing generally read somewhat lower than the laboratory result.

When to Perform a Control Test

Performing a control test lets you know the meter and test strips are working properly. You should perform a control test when:

• you open a new test strip box.

• you left the test strip container open.

• you think the test strips are damaged.

• you want to check the meter and test strips.

• the test strips were stored in extreme temperatures, humidity, or both.

• you dropped the meter.

• your test result does not match how you feel.

• you want to check if you are performing the test correctly.

About the Control Solutions

• Use only Accu-Chek Guide control solutions.

• Close the control solution bottle tightly after use.

• Write the date you open the control solution bottle on the bottle label. The control solution must be discarded 3 months from the date the control solution bottle was opened (discard date) or on the **Use By** date on the bottle label, whichever comes first.

• Do not use control solution that is past the **Use By** or discard date.

• Refer to the control solution package insert for control solution storage conditions.

• The meter automatically recognizes the difference between the control solution and blood.

• The control results are not displayed in memory.

• The control solution can stain fabric. Remove stains by washing with soap and water.

• Control solution is available for purchase. To order the control solution, talk to your pharmacist or visit accu-chek.com to order online.

Performing a Control Test

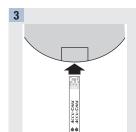You need the meter, a test strip, and control solution Level 1 or Level 2.

1

Use By: 0000-00-00

Check the **Use By** date on the test strip container. Do not use test strips past the **Use By** date.

2

Remove a test strip from the test strip container.

Close the cap tightly.

3

Insert the metallic end of the test strip into the meter. Place the meter on a flat surface.

Test

Preparing to test

The meter turns on. **Preparing to test** appears.

Test

Apply drop

Apply drop appears.

4

Select the control solution to test. You will enter the level later in the test.

5

Remove the bottle cap. Wipe the tip of the bottle with a tissue. Squeeze the bottle until a tiny drop forms at the tip.

6

Touch the drop to the **yellow edge** of the test strip. Do not put control solution on top of the test strip.

Analyzing appears when there is enough control solution in the test strip.

7

Control Result
9:38am   12/11/16
50 mg/dL
Select level
1

Control Result and the control bottle symbol appear. Press ▼ or ▲ to select the control level you tested. If you do not select a level, the control result is saved without a control level.

Press **OK**.

8

Control Result		Control Result
9:38am 12/11/16	or	9:38am 12/11/16
50 mg/dL		261 mg/dL
Level 1		Level 1
✔		✘
Within range		Out of range

Within range and ✔ appear if the control result is within range.

Out of range and ✘ appear if the control result is out of range.

9

Wipe the tip of the bottle with a tissue. Cap the bottle tightly.

Remove and discard the used test strip.

PRECAUTION

Control results are not transmitted to the pump.

• Do not calibrate your continuous glucose monitoring device from a control result.

• Do not calculate a bolus based on a control result.

NOTE

• Most people just test the Level 1 control. If you wish, you can also test a Level 2 control. A set of Level 1 and Level 2 control solutions is available for purchase.

• The ranges for Level 1 and Level 2 control solutions are printed on the test strip container label.

• The meter turns off 90 seconds after a successful test or 15 seconds after the test strip is removed, provided no other action is taken.

4 | Control Tests

Understanding Out-of-Range Control Results

> **WARNING**
>
> The control range applies only to a control result. It only indicates that the test strips and meter are working properly. Do not use a control result to interpret blood glucose results.
>
> If the control result is out of range, do not use the meter until you solve the problem. Check this list to help solve the problem.

Troubleshooting Checks	Action
Were the test strips or control solutions expired?	Discard the test strips or control solution if either is past the **Use By** date. If the control solution was opened more than 3 months ago, discard it. Repeat the control test with an unexpired test strip and an unexpired control solution.
Did you wipe the tip of the control solution bottle before use?	Wipe the tip of the bottle with a tissue. Repeat the control test with a new test strip and a fresh drop of control solution.
Were the caps on the test strip container and the control solution bottle always closed tightly?	Replace the test strips or control solution if you think either was uncapped for some time. Repeat the control test.
Was the test strip used immediately after it was removed from the test strip container?	Repeat the control test with a new test strip and a fresh drop of control solution.
Were the test strips and control solutions stored in a cool, dry place?	Repeat the control test with a properly stored test strip or control solution.
Did you follow the directions?	Read the chapter Control Tests and repeat the control test.
Did you choose the correct control solution level, either 1 or 2, when you performed the test?	If you chose the wrong control solution level, you can still compare the control result to the range printed on the test strip container.
Are you still unsure of the problem?	Contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

Overview

You can adjust the following settings in the meter for your personal preferences. Refer to the sections later in this chapter for details and how to set the options.

Setting	Options	Function
Time/Date	Time / Date	Set the time and date. **NOTE** Feature is only available if the meter is not paired with a pump. If paired with a pump, the meter time and date are automatically set to the pump's time and date during communication.
Beeper	On / Off	Select On or Off.
Wireless	Select wireless communication settings. See the chapter Wireless Communication and Meter Pairing.	

5 Meter Settings

Setting	Options	Function
Target Ranges	Off / Single Range / 2 Ranges	Select the blood glucose target range appropriate for you.
		NOTE
		Consult your healthcare professional for the appropriate target range for you.
		Off – no target range arrow symbols appear with blood glucose result. Patterns is **Off** (see the Patterns section of this chapter for details).
	70–160 mg/dL (pre-set target range)	Single Range – blood glucose results are marked as above, within, or below range based on the single target range set in the meter.
	Before Meal Range 70–110 mg/dL (pre-set target range) After Meal Range 70–160 mg/dL (pre-set target range)	2 Ranges – set Before Meal and After Meal ranges. Blood glucose results are marked as above, within, or below range based on the 2 target ranges (Before Meal and After Meal) set in the meter.
Patterns	On / Off	On – a pattern is detected when 2 below-target or 3 above-target results with the same comment are detected within a 7-day period.
Reminders	On / Off / Edit time	On – set up to 4 reminders per day to remind you to test.
Post Meal	On / Off / Edit time	On – reminds you to perform an after meal blood glucose test.

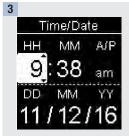| Setting	Options	Function
Last Result	On / Off	Select whether the previous blood glucose result (within the past 24 hours) appears with the current blood glucose result.
		On – the previous blood glucose result appears with the current blood glucose result.
		Off – only the current blood glucose result appears.
Language		Select the language for the meter.

Time/Date

NOTE

Feature is only available if the meter is not paired with a pump. If paired with a pump, the meter time and date are automatically set to the pump's time and date during communication.

1

9:38am 12/11/16
Main Menu
◊ Test
▤ My Data
✿ Settings

Turn the meter on by briefly pressing ▨. From **Main Menu**, press ▾ to highlight **Settings**. Press ▨.

2

Settings
Time/Date
Beeper
Wireless
More Options

Time/Date is highlighted. Press ▨.

3

Time/Date
HH   MM   A/P
9 : 38   am
DD   MM   YY
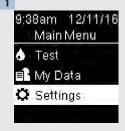11 / 12 / 16

Press ▾ or ▲ to adjust each field. Press ▨ to set and proceed to the next field. Set **am** or **pm** if necessary.

Press ▨ to save and return to the previous menu.

Beeper

The beeper prompts you:

- when a test strip is inserted.
- to apply blood or control solution to the test strip.
- when enough blood or control solution is drawn into the test strip.
- when the blood glucose or control test is complete.
- when the meter is turned on.
- when a button is pressed.
- when it is time to perform a test (if Reminders or Post Meal reminders are **On**).
- when the batteries are inserted.
- when there are no stored blood glucose results or there is an invalid record in the logbook.
- when there are no errors in the error log.
- if an error occurred (even if the beeper is off, it still beeps for an error).

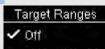| **1**	**2**	**3**
9:38am 12/11/16 Main Menu ♦ Test ▤ My Data ✿ Settings	Settings Time/Date Beeper Wireless More Options	Beeper ✓ On Off
Turn the meter on by briefly pressing 🔲. From **Main Menu**, press 🔽 to highlight **Settings**. Press 🔲.	Press 🔽 to highlight **Beeper**. Press 🔲.	Press 🔽 or 🔼 to highlight **On** or **Off**. Press 🔲 to move ✓ to the option. Press 🔲 to set the option and return to the previous menu.

51

Target Ranges

Your healthcare professional can tell you what blood glucose range is appropriate for you. It is very important to stay within your target range.

Target Ranges can be set from a lower limit of 60–100 mg/dL to an upper limit of 101–300 mg/dL.

Options	Function
Off	Arrow symbols for above, within, or below target ranges do not appear with the blood glucose results.
Single Range	Set lower limit and upper limit for the target range.
	You will be prompted to turn on Patterns if desired (see the Patterns section of this chapter for details).
2 Ranges	Set lower limits and upper limits for Before meal and After meal target ranges.
	You must mark your blood glucose results with a comment for the meter to detect above, within, or below Before Meal or After Meal test results (see the Adding Comments to Blood Glucose Results section in the chapter Blood Glucose Tests for details).
	You will be prompted to turn on Patterns if desired (see the Patterns section of this chapter for details).

When Target Ranges is **On**, the following symbols appear with blood glucose results.

Symbol	Meaning
↧	The blood glucose result is below the target range.
↕	The blood glucose result is within the target range.
↥	The blood glucose result is above the target range.

WARNING

This function is no substitute for hypoglycemia training by your healthcare professional.

1

9:38am 12/11/16
Main Menu
🩸 Test
📑 My Data
⚙️ Settings

Turn the meter on by briefly pressing 🆗. From **Main Menu**, press ⬇ to highlight **Settings**. Press 🆗.

2

Settings
Time/Date
Beeper
Wireless
More Options

Press ⬇ to highlight **More Options**. Press 🆗.

3

More Options
Target Ranges
Patterns
Reminders
Post Meal
▼

Target Ranges is highlighted. Press 🆗.

4

Target Ranges

✓ Off

Single Range

2 Ranges

② Help

Press ▼ or ▲ to highlight **Off**, **Single Range**, or **2 Ranges**. Press 🆗 to select an option (the example here is **2 Ranges**).

5

Target Ranges

🍎 Before Meal

70 - 130

🍴 After Meal

70 - 180

mg/dL

Press ▼ or ▲ to adjust the lower limit of the **Before Meal** target range. Press 🆗 to set and move to the next field.

Continue to set the upper limit for the **Before Meal** target range and the lower and upper limits for the **After Meal** target range. Press 🆗.

6

Target Ranges

Off

Single Range

✓ 2 Ranges

② Help

The ✓ appears next to the option you selected.

Press ◀ to return to the previous menu.

Target Ranges

Would you like to turn on Patterns?

No

Yes

② Help

The meter may prompt you to turn on Patterns.

Press ▼ or ▲ to highlight **Yes** or **No**.

Press 🆗 to set the option and return to the previous menu (see the Patterns section of this chapter for details).

NOTE

Analyzing your blood glucose results stored in the meter is an effective way for you and your healthcare professional to determine how well you are controlling your diabetes. This analysis is a valuable tool for making improvements to your diabetes management. Use care when adding comments to blood glucose results. Incorrect comments can cause inaccurate patterns to be detected by the meter if Patterns is **On**.
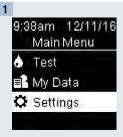
Patterns

A Pattern is detected by the meter when 2 below-target (Low Pattern) or 3 above-target (High Pattern) test results with the same comment are detected within a 7-day period.

• The meter does NOT detect a pattern for the "Other" comment added to blood glucose results.

• It is very important to have the correct time and date set in the meter. Having the correct time and date setting helps ensure accurate interpretation of information by you and your healthcare professional.

• Only blood glucose results marked with comments will be included in Patterns. If LO or HI test results are marked with comments, the test results become part of Patterns (see the chapter Blood Glucose Tests for more details).

• Target Ranges must be set in the meter to use Patterns. If Target Ranges are not set, the meter prompts you to set them.
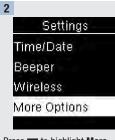
NOTE

If paired with a pump, the meter time and date are automatically set to the pump's time and date during communication.

5 | Meter Settings
Patterns

1

9:38am 12/11/16
Main Menu
⬤ Test
▤ My Data
⚙ Settings

Turn the meter on by briefly pressing ▨. From **Main Menu**, press ⬇ to highlight **Settings**. Press ▨.

2

Settings
Time/Date
Beeper
Wireless
More Options

Press ⬇ to highlight **More Options**. Press ▨.

3

More Options
Target Ranges
Patterns
Reminders
Post Meal

Press ⬇ to highlight **Patterns**. Press ▨.

4

Patterns

Off

✓ On

ⓗ Help
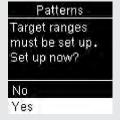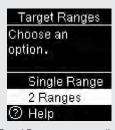
Press ▼ to highlight **On**. Press
▣ to move ✓ to the option.
Press ▣.

Patterns

Target ranges
must be set up.
Set up now?

No

Yes

**This message appears if
Target Ranges is Off:**
Press ▼ to highlight **Yes**. Press
▣.

(To turn Patterns **Off**, select **No**.
Press ▣ to return to **Patterns**.)

Target Ranges

Choose an
option.

Single Range

2 Ranges

ⓗ Help

Target Ranges appears on the
display (see the Target Ranges
section of this chapter for
details on setting target
ranges).

NOTE

When automatically sending results to a paired pump, select the **View later** option to send the test result without delay or press ◣ to automatically send result to a paired pump.

If Patterns is **On** and a new pattern is detected with a blood glucose result, a message appears on the display.

Low Pattern
New pattern detected.

View later
Details

or

Low Pattern
New pattern detected.

View later
Details

Press ▼ to select **Details** to view the blood glucose results that make up that pattern.

Press 🆗 to highlight **View Later**.

Press 🆗 to return to the previous screen.

Reminders

You can set up to 4 general test Reminders per day to remind you to test. A series of beeps sound and ⌂ is displayed for Reminders set in the meter.

Reminders:

• turn off by inserting a test strip or pressing any button.

• are postponed until the next test reminder if a test was performed within 15 minutes of a test reminder.

• do not appear/beep if the meter is on at the test reminder time.

• do not appear/beep if the meter is connected and communicating to the paired pump.

• do not beep if the meter's beeper is set to off.

• do not appear/beep if the batteries need to be replaced.

Set Reminders

• Reminder times are pre-set in the meter for 8:00 am, 12:00 pm, 6:00 pm, and 10:00 pm. You may change reminder times by following the instructions below.

• If a general test Reminder is set for the same time as a Post Meal reminder, the Post Meal reminder will appear/beep instead of the general Reminder (see the Post Meal Reminders section of this chapter for details).

1

9:38am 12/11/16
Main Menu
🌢 Test

🗐 My Data

⚙ Settings

Turn the meter on by briefly pressing 🔲. From **Main Menu**, press 🔽 to highlight **Settings**. Press 🔲.

2

Settings
Time/Date

Beeper

Wireless

More Options

Press 🔽 to highlight **More Options**. Press 🔲.

3

More Options
Target Ranges

Patterns

Reminders

Post Meal

Press 🔽 or 🔼 to highlight **Reminders**. Press 🔲.

4

Reminders
☐ 8:00am

☐ 12:00pm

☐ 6:00pm

☐ 10:00pm

Pre-set reminder times appear on the display. Press 🔽 to highlight a reminder time. Press 🔲.

5

Reminders
8:00am
✓ On
Off
✎ Edit time

The pre-set reminder time appears. Press ▾ or ▴ to select **On** or **Off**. Press 🆗 to move ✓ to the option.

Reminders
8:00am
✓ On
Off
✎ Edit time
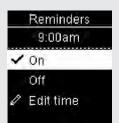
To change the Reminder time shown:

Press ▾ to highlight **Edit time**. Press 🆗.

Reminders
Edit time
HH MM A/P
9 : 00 am

Press ▾ or ▴ to adjust each field. Press 🆗 to move to the next field. Press 🆗 to return to the previous menu.

6

Reminders
9:00am
✓ On
Off
✎ Edit time

A ✓ indicates the Reminder is set for the time shown and automatically set to **On**.

To turn the reminder off, press ▾ to highlight **Off**. Press 🆗.

Press 🆗 to return to **Reminders**.

7

Reminders
✓ 9:00am
☐ 12:00pm
☐ 6:00pm
☐ 10:00pm

The reminder time appears.

Press ▾ to continue to set additional reminders or press ◀ to return to **More Options**.
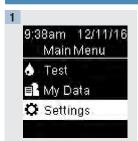
Post Meal Reminders

Post Meal reminders can be set to remind you to test again later when you add a Before Meal comment to a blood glucose result. When a reminder occurs, a series of beeps sound and ⟡ is displayed.

Post Meal reminders:

• turn off by inserting a test strip or pressing any button.

• are postponed until the next test reminder if a test was performed within 15 minutes of a test reminder.

• do not appear/beep if the meter is on at the test reminder time.

• do not appear/beep if the meter is connected and communicating to the paired pump.

• do not beep if the meter's beeper is set to off.

• do not appear/beep if the batteries need to be replaced.

Set Post Meal Reminders

• Adding a Before Meal comment to a blood glucose result sets a Post Meal reminder in the meter.

• Marking blood glucose results with a Post Meal comment provides more information about your test results to help you and your healthcare professional in the management of your diabetes.

• Talk to your healthcare professional to determine your Post Meal test time.

• Select 1 hour, 1.5 hours, or 2 hours for Post Meal reminders to occur.

1

9:38am   12/11/16
Main Menu
🔥 Test
📋 My Data
⚙ Settings

Turn the meter on by briefly pressing 🔲. From **Main Menu**, press ⬇ to highlight **Settings**. Press 🔲.

2

Settings
Time/Date
Beeper
Wireless
More Options

Press ⬇ to highlight **More Options**. Press 🔲.

3

More Options
Target Ranges
Patterns
Reminders
Post Meal

Press ⬇ to highlight **Post Meal**. Press 🔲.

4

Post Meal

✓ On

Off

✐ Edit time

⊘ Help

Press ▼ or ▲ to highlight **On**. Press 🆗 to move ✓ to the option.

5

Post Meal

✓ On

Off

✐ Edit time

⊘ Help

Press ▼ to highlight **Edit time**. Press 🆗.

6

Post Meal

Remind after:

1 hour

✓ 1.5 hours

2 hours
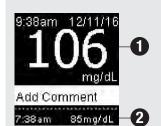
Press ▼ or ▲ to highlight **1 hour**, **1.5 hours**, or **2 hours** after a meal for **Post Meal** reminders to occur.

Press 🆗 to move ✓ to the option.

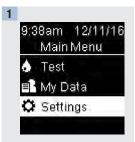Press 🆗 to set and return to the previous menu.

Last Result

Select whether the previous blood glucose result appears with the current blood glucose result. **Test results older than 24 hours do not appear.**

Off – only the current blood glucose result ❶ appears.

On – the previous blood glucose result ❷ appears with the current blood glucose result.

1

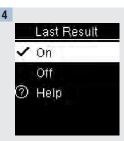Turn the meter on by briefly pressing ⬛. From **Main Menu**, press ⬛ to highlight **Settings**. Press ⬛.

2

Settings
Time/Date
Beeper
Wireless
More Options

Press ☐ to highlight **More Options**. Press ☒.

3

More Options
Patterns
Reminders
Post Meal
Last Result

Press ☐ to highlight **Last Result**. Press ☒.

4

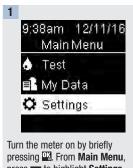| Last Result |
| --- |
| ✓ On |
| Off |
| ⑦ Help |

Press ☐ or ☐ to highlight **On** or **Off**. Press ☒ to move ✓ to the option.

Press ☒ to set the option and return to the previous menu.

Language

Choose the language that appears on the meter.

1	**2**	**3**

1

9:38am 12/11/16
Main Menu

🔴 Test

📑 My Data

⚙ Settings

Turn the meter on by briefly pressing 🔳. From **Main Menu**, press 🔽 to highlight **Settings**. Press 🔳.

2

Settings

Time/Date

Beeper

Wireless

More Options

Press 🔽 to highlight **More Options**. Press 🔳.

3

More Options

Reminders

Post Meal

Last Result

Language

▲

Press 🔽 to highlight **Language**. Press 🔳.

4

Language

✓ English

Български

Česky

Dansk

▼

Press 🔽 or 🔼 to highlight the desired language. Press 🔳 to move ✓ to the option.

Press 🔳 to set the language and return to the previous menu.
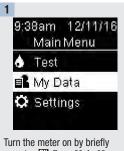
5 Meter Settings

Overview

- Blood glucose results are stored from the newest to the oldest.
- The meter automatically stores up to 720 blood glucose results in memory with the time and date of the test and any test result comments.
- Once 720 blood glucose results are in memory, adding a new blood glucose result deletes the oldest blood glucose result.
- Only test results that have been marked with a fasting, before meal, after meal, or bedtime comment are included in the average for that comment.
- All test results are included in the overall 7, 14, 30, and 90-day averages regardless of what comment is added.
- Control results are not included in the averages or blood glucose reports.

WARNING

Do not change your therapy based on an individual test result in memory. Talk to your healthcare professional before changing therapy based on test results in memory.
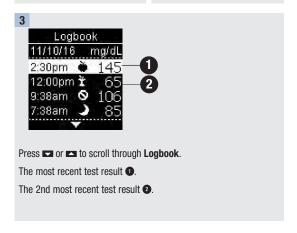
Logbook

1	2
9:38am 12/11/16 Main Menu ◊ Test **▤ My Data** ⚙ Settings	My Data **Logbook** Averages Target % Low/High Data
Turn the meter on by briefly pressing 🔘. From **Main Menu**, press 🔽 to highlight **My Data**. Press 🔘.	**Logbook** is highlighted. Press 🔘.

3
Logbook 11/10/16 mg/dL 2:30pm ◊ 145 ──❶ 12:00pm ☼ 65 ──❷ 9:38am ◐ 106 7:38am ☽ 85

Press 🔽 or 🔼 to scroll through **Logbook**.

The most recent test result ❶.

The 2nd most recent test result ❷.

4 To view details about a test result, press ▼ or ▲ to highlight the test result. Press 🆗. Test result details shown below only appear if **Target Ranges** is On or comments were added to a test result.

❶

Logbook
2:30pm   11/10/16
145
mg/dL
↑ Above target

The most recent test result.

❷

Logbook
11:30am   11/10/16
65
mg/dL
↓ Below target
⚡ After lunch
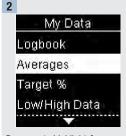
The 2nd most recent test result.

Averages

1

9:38am 12/11/16
Main Menu

💧 Test
📑 My Data
⚙ Settings

Turn the meter on by briefly pressing 🆗. From **Main Menu**, press 🔽 to highlight **My Data**. Press 🆗.

2

My Data

Logbook
Averages
Target %
Low/High Data

Press 🔽 to highlight **Averages**. Press 🆗.

3

Averages

☺ Overall
💧 Before meal
🍴 After meal
◐ Fasting

Press 🔽 to highlight a category (the example here is **Overall**). Press 🆗.
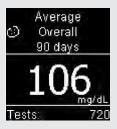
4

Average
☺   Overall

7 days
14 days
30 days
90 days

Press 🔽 to highlight a time period (the example here is **90 days**). Press 🆗.

5

Average
☺   Overall
90 days

106
mg/dL

Tests: 720

Press 🔙 to return to the previous menu if you want to review a different time period OR press 🔽 or 🔼 to move through different averages.

72

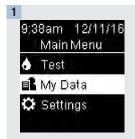## Target Percent (%)

Target Percent (%) allows you to view the percentage of your Overall, Before meal, After meal, Fasting, and Bedtime blood glucose results that are above, within, or below your target ranges.

• Target % results can be viewed for 7, 14, 30, or 90-day time periods.

• Target Ranges must be set in the meter to review Target % results.

1	2	3
9:38am 12/11/16 Main Menu ● Test ▤ My Data ⚙ Settings	My Data Logbook Averages Target % Low/High Data	Target % ☺ Overall ● Before meal ✦ After meal ◑ Fasting
Turn the meter on by briefly pressing 🔲. From **Main Menu**, press 🔽 to highlight **My Data**. Press 🔲.	Press 🔽 to highlight **Target %**. Press 🔲.	Press 🔽 to highlight a category (the example here is **Before meal**). Press 🔲 to select the option.

4

Target %
Before meal

7 days

14 days

30 days

90 days

Press ⌄ to highlight a time period (the example here is **90 days**). Press OK.

5

Target %
Before meal
90 days

⇕	Above	15%
⇕	Within	60%
⇕	Below	25%
Tests:		750

The **Target %** appears (for the **Before meal** example). The number of total tests included in the Target % appears at the bottom of the display.

Press ◄ to return to the previous menu.

NOTE

Analyzing your blood glucose results stored in the meter is an effective way for you and your healthcare professional to determine how well you are controlling your diabetes. This analysis is a valuable tool for making improvements to your diabetes management. Use care when adding comments to blood glucose results. Incorrect comments can cause inaccurate patterns to be detected by the meter if Patterns is **On**.

Low/High Data

Your healthcare professional can tell you what blood glucose range is appropriate for you. It is very important to stay within your target range.

• Target Ranges must be set in the meter to track Low/High Data test results (see the Target Ranges section in the chapter Meter Settings for details).

• Low BG or High BG Data includes only test results that fall above or below the target ranges set in the meter.

• Low BG or High BG Data is tracked in the meter for 30 days.
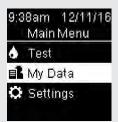
You can select Low BG and High BG results for Overall, Before meal, After meal, Fasting, or Bedtime blood glucose results.

Symbol	Name	Description
⊙	Overall	Includes low and high blood glucose results based on Target Ranges set in the meter.
🍎	Before meal	You may view low or high test results marked with a Before Meal comment for Overall, Before breakfast, Before lunch, Before dinner, and Before snack blood glucose results.*
🍏	After meal	You may view low or high test results marked with an After Meal comment for Overall, After breakfast, After lunch, After dinner, and After snack blood glucose results.*
⊘	Fasting	Includes low or high fasting blood glucose results marked as Fasting in comments.
🌙	Bedtime	Includes low or high bedtime blood glucose results marked as Bedtime in comments.

*Test results for Before and After specific meals are only available if Patterns is set to **On**.

1

9:38am   12/11/16
Main Menu
🔥 Test
📊 My Data
⚙ Settings

Turn the meter on by briefly pressing 🆗. From
Main Menu, press ⬇ to highlight **My Data**.
Press 🆗.

2

My Data
Logbook
Averages
Target %
Low/High Data
▼

Press ⬇ to highlight **Low/High Data**. Press 🆗.

3

Low/High Data
⥥ Low BG Data
⥣ High BG Data

or

Low/High Data
No data available.
Enable target
ranges to track
low/high BG data.

If Target Ranges is set to On:

Press ⬇ to select **Low** or **High BG Data** (the
example here is **High BG Data**). Press 🆗.

**If Target Ranges have NOT been On within the
last 30 days:**

This message appears on the meter (to turn on
Target Ranges see the **Target Ranges** section in
the chapter **Meter Settings** for details).

4

Press ⬇ to highlight a category (the example here is **Before meal**). Press 🆗.

If results with detailed meal comments are saved in the Logbook:

The meter may prompt you to select detailed categories to view. Press ⬇ to highlight a category (the example here is **Before breakfast**). Press 🆗.

5

The selected data appears (the example here is **High BG Data**). Press ⬇ to scroll through the test results.
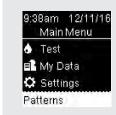
Press ◀ to return to the previous menu.

NOTE

Analyzing your blood glucose results stored in the meter is an effective way for you and your healthcare professional to determine how well you are controlling your diabetes. This analysis is a valuable tool for making improvements to your diabetes management. Use care when adding comments to blood glucose results. Incorrect comments can cause inaccurate patterns to be detected by the meter if Patterns is **On**.
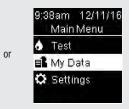
Patterns

• Patterns displays only active Low Patterns or High Patterns based on comments added to blood glucose results within the last 7 days.

• A Pattern is generated when 2 below-target or 3 above-target test results with the same comment are detected within a 7-day period.

Patterns may be viewed on the meter in 3 ways:

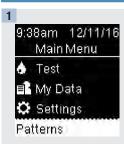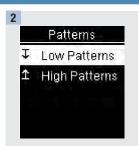|		
9:38am 12/11/16 Main Menu ♦ Test ▤ My Data ⚙ Settings Patterns	9:38am 12/11/16 Main Menu ♦ Test ▤ My Data ⚙ Settings	Low Pattern New pattern detected. View later Details
or	or	
when a Patterns option is displayed at the bottom of **Main Menu**.	from **My Data** on **Main Menu**.	if a **New pattern detected** message appears on the display when performing a blood glucose test.

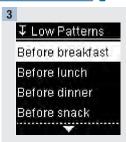Patterns detected by the meter may be displayed on the Main Menu as:

Patterns	High and low patterns have been detected	Patterns may include the following blood glucose results marked with comments:
High Pattern(s)	One or more high patterns have been detected	
Low Pattern(s)	One or more low patterns have been detected	
No Patterns	No active pattern based on test results from last 7 days	Before breakfast, After breakfast, Before lunch, After lunch, Before dinner, After dinner, Before snack, After snack, Fasting, or Bedtime (see the Adding Comments to Blood Glucose Results section in the chapter Blood Glucose Tests).
Blank	Patterns feature is set to **Off**	

1

9:38am   12/11/16
Main Menu
🔵 Test
📋 My Data
⚙ Settings
Patterns

Turn the meter on by briefly pressing 🆗. From **Main Menu**, press ⬇ to highlight the Patterns option at the bottom of the screen (the example here is **Patterns**). Press 🆗.

2

Patterns
⬇ Low Patterns
⬆ High Patterns

Press ⬆ or ⬇ to highlight **Low Patterns** or **High Patterns** (the example here is **Low Patterns**). Press 🆗 to select the option.

3

⬇ Low Patterns
Before breakfast
Before lunch
Before dinner
Before snack
⬇

Press ⬇ to highlight a category to review (the example here is **Before breakfast**). Press 🆗.

4

⬇ Low Pattern
Before breakfast
12/11/16   85
7:38am   mg/dL
12/10/16   84
7:38am   mg/dL
⬇

Press ⬇ to scroll through test results.

Press 🔙 to return to the previous menu.

6 Review Your Data

Overview

You can wirelessly and automatically synchronize your diabetes information with the MiniMed™ 770G system with Bluetooth® wireless technology. The process of creating a connection between the meter and the pump is called pairing.

| Setting	Options	Function
Pairing	Pair To Pump / Delete Pairing	Select whether to pair a pump or to delete the paired pump.
Flight Mode	On / Off	Select whether wireless communication is available.
		On – wireless communication is not available.
		Off – wireless communication is available.
Auto-Send	On / Off	Select whether data is automatically sent to the paired pump after each test.
		On – data is automatically sent to the pump.
		Off – data is not automatically sent to the pump.

Pairing
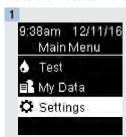
The meter can automatically send blood glucose results to the MiniMed™ 770G system with Bluetooth® wireless technology. This feature eliminates the need to manually enter your blood glucose result on the pump. Before the meter can send blood glucose results to a pump, the meter and pump must be paired. Refer to the MiniMed™ 770G System User Guide for pairing instructions.

Once the meter and pump are paired, the pairing settings are stored in both devices so that you do not have to repeat the pairing. If communication between the meter and pump is stopped or interrupted for any reason, they will automatically resume communication when both devices are in communication range.

The meter can only be paired with the MiniMed™ 770G system. The meter can only be paired with 1 pump at a time. It is not necessary to delete the existing pump ID when pairing with a new pump. The previous pairing will be replaced by the new pairing. If re-pairing with the same pump, delete the existing pump ID first. Any blood glucose results stored on the meter prior to pairing cannot be transferred from the meter to the pump.

Flight Mode

Select whether wireless communication is available or not. When **Flight Mode** is on, ✈ appears in the title bar and wireless communication is not available.
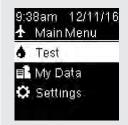
1	2	3
9:38am 12/11/16 Main Menu 🔵 Test 📋 My Data ⚙ Settings	Settings Time/Date Beeper Wireless More Options	Wireless Flight Mode Auto-Send Pairing
Turn the meter on by briefly pressing 🆗. From **Main Menu**, press ▼ to highlight **Settings**. Press 🆗.	Press ▼ to highlight **Wireless**. Press 🆗.	**Flight Mode** is highlighted. Press 🆗.

4

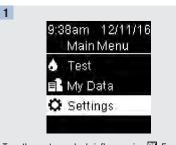|	
Flight Mode ✓ On Off ⑦ Help	9:38am 12/11/16 ✈ Main Menu 🔵 Test 📋 My Data ⚙ Settings
Press ▼ or ▲ to highlight **On** or **Off**. Press 🆗 to move ✓ to the option. Press 🆗 to set the option and return to the previous menu.	**Main Menu** with meter in Flight Mode.

Auto-Send

Select whether blood glucose results are automatically sent to the paired pump after each test. Results sent using Auto-Send can be used by the pump system to calibrate a continuous glucose monitoring system or make insulin dosing calculations.

1

9:38am 12/11/16
Main Menu

◆ Test
🗐 My Data
⚙ Settings

Turn the meter on by briefly pressing 🔳. From **Main Menu**, press ▼ to highlight **Settings**. Press 🔳.

2

Settings

Time/Date
Beeper
Wireless
More Options

Press ▼ to highlight **Wireless**. Press 🔳.

WARNING

- Do not use alternative site testing to calibrate a continuous glucose monitoring system.
- Do not use alternative site testing to make insulin dosing calculations.
- Alternative site testing should be done only during steady-state times (when glucose is not changing rapidly).

3

Wireless

Flight Mode

Auto-Send

Pairing

Press ⬇ to highlight
Auto-Send. Press 🆗.

4

Auto-Send

✓ On

Off

⑦ Help

Press ⬇ or ⬆ to highlight **On** or **Off**. Press 🆗 to move ✓ to the option.

Press 🆗 to set the option and return to the previous menu.
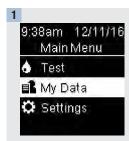
Data Transfer

This feature allows you to transfer data wirelessly from your meter to a paired pump. This feature can be used after the meter and paired pump have not been communicating for a period of time, such as when Flight Mode has been enabled or Auto-Send has been disabled. In this case, there may be blood glucose results that have not been sent to the pump.
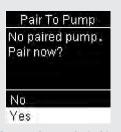
Results sent using Data Transfer cannot be used by the pump system to calibrate a continuous glucose monitoring system or to make insulin dosing calculations.

1

9:38am   12/11/16
Main Menu
◆ Test
▤ My Data
⚙ Settings

Turn the meter on by briefly pressing ▣. From **Main Menu**, press ▾ to highlight **My Data**. Press ▣.

2

My Data
Target %
Low/High Data
Patterns
Data Transfer
▲

Press ▾ to highlight **Data Transfer**. Press ▣.

Pair To Pump
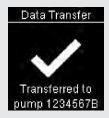No paired pump.
Pair now?

No
Yes

If a pump is not paired with your meter:

The meter prompts you to pair a pump to the meter (see the Pairing section in the chapter Wireless Communication and Meter Pairing for details).

3

Data Transfer

Connecting to
pump 1234567B

Data Transfer

Transferring to
pump 1234567B

Data Transfer

Transferred to
pump 1234567B

The meter transfers the data to the pump.
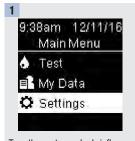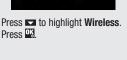
Delete Pairing

This procedure is to delete the pump ID from the meter, which ends communication between the meter and the pump. For instructions on deleting the pairing information on the pump, refer to the MiniMed™ 770G System User Guide.
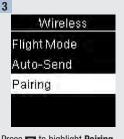
The meter can only be paired with 1 pump at a time. It is not necessary to delete the existing pairing when pairing with a new pump.

1	2	3
9:38am 12/11/16 Main Menu 🔴 Test 📑 My Data ⚙ Settings	Settings Time/Date Beeper Wireless More Options	Wireless Flight Mode Auto-Send Pairing
Turn the meter on by briefly pressing 🔲. From **Main Menu**, press 🔽 to highlight **Settings**. Press 🔲.	Press 🔽 to highlight **Wireless**. Press 🔲.	Press 🔽 to highlight **Pairing**. Press 🔲.

4

Pairing

Pair To Pump

Delete Pairing

⑦ Help

Press ▼ or ▲ to highlight
Delete Pairing. Press 🆗.

5

Delete Pairing

pump 1234567B

Press 🆗 to confirm.

Delete Pairing

Deleted:
pump 1234567B

✓

The meter shows the deleted
pairing.

7 | Wireless Communication and Meter Pairing

What is the difference between cleaning and disinfecting?

Cleaning is the removal of dirt from the meter or lancing device.[3]

Disinfecting is the removal of most, but not all, disease-causing and other types of microorganisms (bloodborne pathogens) from the meter or lancing device.[3]

Approved Cleaning and Disinfecting Product

The following product has been approved for cleaning and disinfecting the meter and lancing device:

Super Sani-Cloth (EPA* reg. no. 9480-4)

Super Sani-Cloth can be purchased from Amazon.com, Officedepot.com, and Walmart.com.

- Do not use any other cleaning or disinfecting solutions. Using solutions other than the Super Sani-Cloth could result in damage to the meter and lancing device.
- The effect of using more than one product interchangeably to clean and disinfect the meter and lancing device has not been tested. Always use Super Sani-Cloth to clean and disinfect the meter and lancing device.
- Roche has demonstrated that the product is good for 5-year use, after testing in a total of 260 disinfection cycles (equal to cleaning and disinfecting once per week for 5 years).

*Environmental Protection Agency

8 Meter and Lancing Device Cleaning and Disinfecting

NOTE

For technical assistance or questions on cleaning and disinfecting, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

Cleaning and Disinfecting the Meter

WARNING

If the meter is being operated by a second person who is providing testing assistance to the user, the meter and lancing device should be cleaned and disinfected prior to use by the second person.

To clean and disinfect without damaging the meter, follow these procedures carefully.

When to Clean and Disinfect the Meter

- Clean the meter to remove visible dirt or other material prior to disinfecting.
- Clean and disinfect the meter at least once per week and when blood is present on the surface of the meter.
- Clean and disinfect the meter before allowing anyone else to handle the meter. Do not allow anyone else to use the meter on themselves for testing purposes.

NOTE

Using cleaning and disinfecting products could result in damage to the meter. If you notice any of the following signs of deterioration after cleaning and disinfecting your meter, stop using your meter and contact the Accu-Chek Customer Care Service Center at 1-800-858-8072: residue around buttons, clouding of display, button malfunction, out-of-range control results.

What to Clean and Disinfect

The following parts of the meter should be cleaned and disinfected:

- The area around slots and openings (do not get any moisture in slots or openings)
- The meter display
- The entire meter surface

How to Clean and Disinfect the Meter

WARNING

Failure to follow these instructions will damage the meter and stop it from working properly.

- DO NOT clean or disinfect the meter while performing a blood glucose or control test.
- DO NOT get any moisture in slots or openings.
- DO NOT spray anything onto the meter.
- DO NOT immerse the meter in liquid.
- Always use the same product for both cleaning and disinfecting.

1

Wash hands thoroughly with soap and water.

2

Turn the meter off and wipe the entire meter surface with a Super Sani-Cloth. Carefully wipe around the test strip slot and other openings.

Make sure that no liquid enters any slot or opening.

3

A separate Super Sani-Cloth should be used for cleaning and disinfection. For disinfecting the meter, get a new cloth and repeat step 2, making sure the surface stays wet for 2 minutes.

Make sure that no solution is seen in any slot or opening.

4

Wash hands thoroughly with soap and water.

Cleaning and Disinfecting the Lancing Device

To clean and disinfect without damaging the lancing device, follow these procedures carefully.

When to Clean and Disinfect the Lancing Device

- Clean the lancing device to remove visible dirt or other material prior to disinfecting.
- Clean and disinfect the lancing device at least once per week to remove visible dirt or other material for safe handling.
- Clean and disinfect the lancing device before allowing anyone else to handle the lancing device, for instance, if you have someone assisting you. Do not allow anyone else to use the lancing device.

NOTE

- Do not throw away the cap after each use. Use the approved cleaning and disinfecting product on the cap.
- Always remove the lancet drum before cleaning or disinfecting the lancing device.
- Using cleaning and disinfecting products could result in damage to the lancing device. If you notice any of the following signs of deterioration after cleaning and disinfecting your lancing device, stop using your lancing device and contact the Accu-Chek Customer Care Service Center at 1-800-858-8072: residue around buttons, difficulty in priming the device, difficulty in inserting the lancet drum.
- You might observe a slight discoloration of the lancing device after multiple cleaning and disinfecting cycles. This does not affect the functionality of the lancing device.

What to Clean and Disinfect

The following parts of the lancing device should be cleaned and disinfected:

- The entire lancing device surface
- The cap

How to Clean and Disinfect the Lancing Device

WARNING

Failure to follow these instructions may damage the lancing device and stop it from working properly.
- DO NOT get any moisture into any openings.
- Always use the same product for both cleaning and disinfecting.

1

Wash hands thoroughly with soap and water.

2

Wipe the entire surface of the lancing device and the inside of the cap with a Super Sani-Cloth.

3

A separate Super Sani-Cloth should be used for cleaning and disinfection. For disinfecting the lancing device, use a new cloth and repeat step 2 making sure the surface stays wet for 2 minutes.

4

Wash hands thoroughly with soap and water.

8 | Meter and Lancing Device Cleaning and Disinfecting

Meter Maintenance

The meter automatically tests its own systems every time you turn it on and lets you know if something is wrong. See the Error Messages section of this chapter.

If you have problems with the meter or think the results are not accurate, perform a control test with an unexpired test strip and control solution. If the control result is not within the acceptable range, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

WARNING

Keep new and used batteries away from children. See the warning in the Important Safety Information section of this User's Manual for additional information.

Changing the Batteries

1	2	3
	Press	
Open the battery door on the back of the meter by pushing the tab in the direction of the arrow and pulling the door up.	Release the old batteries by pressing the 🔋 button. Remove the old batteries.	Slide the new batteries under the black tabs and 🔋 button, with the **(+) side facing up**. Put the battery door back in place and snap it closed.

NOTE

- If the E-7 or E-9 error code still appears on the display after you have changed the batteries, remove the batteries again, press and hold the Power/Set/OK button for at least 2 seconds, then reinsert the batteries.
- Always have a spare set of batteries.
- Battery life may vary due to factors such as temperature and battery manufacturer.
- The meter uses two 3-volt lithium batteries, coin cell type CR2032. This type of battery can be found in many stores.
- Always replace both batteries at the same time and with the same brand.
- The logbook data is saved when you replace the batteries.

Error Messages

WARNING

• Never make therapy decisions based on an error message.

• If you have any concerns or see any other error message, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

The meter will not turn on or the display is blank.

• Batteries are dead.

Insert new batteries.

• Display is damaged. / Meter is defective.

Contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

• Extreme temperatures.

Move the meter to a location within the stated temperature limits.

⚠ Test Not Allowed
Remove USB cable to perform test.

The meter is connected to a USB cable and a test cannot be performed.

Remove the USB cable and perform a test.

⚠ Transfer Failed
Ensure pump is within range.

Blood glucose results were not transferred to the paired pump.

Make sure the paired pump is within range of the meter.

⚠ Transfer Not Allowed

Wireless communication not allowed in flight mode.

Data cannot be sent to the paired pump because the meter is in Flight Mode.

Retry the data transfer when the meter is not in Flight Mode.

⚠ No USB Features

Remove USB cable.

USB functionality is not available for this meter.

Remove the USB cable.

⚠ Results Excluded

One or more results may be excluded from averages.

One or more blood glucose results are excluded from the selected averages because the results are invalid or outside the system measuring range.

⚠ Results Excluded

One or more results may be excluded from target % data.

One or more blood glucose results are excluded from the selected target % data because the test results are invalid.

⚠ Results Excluded

One or more results may be excluded from low/high data.

One or more blood glucose results are excluded from the selected low/high data because the test results are invalid.

⚠ Invalid Date

Check the date.

The date entered is not valid.

Enter the correct date.

⚠ Flight Mode
Active
Wireless is off.
Selected setting
was saved.

A meter setting was changed while in Flight Mode.

The setting change will not take effect until Flight Mode is turned off.

⚠ Flight Mode
Active
Wireless is off.
Pairing is not
allowed.

Pairing to a pump cannot be performed while in Flight Mode.

Retry pairing when the meter is not in Flight Mode.

⚠ Auto-Send
Failed
Enter result
on pump.

The blood glucose result has not been sent to the pump.

Manually enter the result on the pump. For instructions, refer to the MiniMed™ 770G System User Guide.

⚠ Pairing Failed

Retry pairing.

The meter was unable to pair with a pump.

Retry the pairing.

⊗ Strip Error

Reinsert or
replace with
new strip.

(E-1)

The test strip may be damaged, not properly inserted, or was previously used.

Remove and reinsert the test strip or replace it if damaged or previously used.

⊗ Test Error

Retest with
new strip.

(E-3)

A meter or test strip error has occurred.

This error message could appear if the cap on the test strip container was not closed tightly. The test strips may have been damaged due to improper storage or handling.

Never make therapy decisions based on an error message.

Repeat the blood glucose test. If a second E-3 error message appears, perform a control test with the control solution and a new test strip. See the section Performing a Control Test in the chapter Control Tests. If you continue to receive an E-3 error message, use an alternate method for testing your blood glucose, such as a back-up meter and test strip. If the alternate method gives an extremely high blood glucose result, or if an alternate method is not available, **contact your healthcare professional immediately**.

In rare cases, an E-3 error message may indicate that your blood glucose is extremely high and above the system's measuring range. **See the Unusual Blood Glucose Results section in the chapter Blood Glucose Tests for other possible causes of the error message.**

⊗ Drop Too
Small

Retest with
new strip.

(E-4)

Not enough blood or control solution was drawn into the test strip for measurement or was applied after the test had started.

Discard the test strip and repeat the blood glucose or control test.

⊗ Drop
Applied Early

Retest with
new strip.

(E-6)

Blood or control solution was applied to the test strip before **Apply drop** appeared.

Discard the test strip and repeat the blood glucose or control test.

⊗ Electronic
Error

Remove
batteries, press
any button,
reinsert batteries.
(E-7)

An electronic error occurred.

Remove the batteries, press and hold the Power/Set/OK button for at least 2 seconds, and reinsert the batteries. Perform a blood glucose or control test.

⊗ Temperature
Error

Move meter
to correct
temperature.

(E-8)

The temperature is above or below the proper range for the system.

Refer to the test strip package insert for system operating conditions. Move to an area with the appropriate conditions and repeat the blood glucose or control test. Do not artificially heat or cool the meter.

⊗ Replace
Batteries

Replace batteries
now.

(E-9)

The batteries may be out of power.

Turn the meter back on. **If you are in a cold environment, move to a location with a more moderate temperature and retest.** If the message continues to appear after several attempts, replace the batteries. If the message reappears after the batteries have been replaced, remove the batteries, press and hold the Power/Set/OK button for at least 2 seconds, then reinsert the batteries

⊗Time/Date
Error

Correct
time/date
if necessary.

(E-10)

The time and date setting may be incorrect.

Make sure the time and date are correct and adjust, if necessary.

⊗Time/Date
Error

Ensure pump is
within range.

(E-10)

The time and date setting may be incorrect.

Make sure the pump is in communication range of the meter to update the time and date.

⊗Test Error

Retest with
new strip.

(E-11)

The test strip may be damaged. Retest with a new test strip.

⊗High Ascorbate

Contact your
healthcare
professional.

(E-12)

Your blood sample may contain a high level of ascorbate.

Contact your healthcare professional.

⊗Strip Error

Reinsert or
replace with
new strip.

(E-13)

Fluid or foreign material may be present in the test strip slot.

Remove and reinsert the test strip or repeat the blood glucose or control test with a new test strip. If the problem persists, contact the Accu-Chek Customer Care Service Center at 1-800-858-8072.

⊗ Electronic
    Error
Contact Roche.

        (E-14)

⊗

        (E-14)

An electronic error has occurred.

Contact the Accu-Chek Customer Care Service Center at
1-800-858-8072.

Sync Time
Meter time has
been updated to
match time on
pump.

The meter time and date have
been changed to match the
paired pump.

Time/Date
Time and date
cannot be
changed while
paired to a
pump.

When paired to a pump, the
meter time and date cannot be
changed using the meter.

Logbook

No stored results

There are no results in the
Logbook.

There is an invalid result in the Logbook.

There are no test results in range for the selected data.

Target Ranges is **Off** and there are no results for the Target % data stored in the meter.

Low/High Data

No data available.
Enable target
ranges to track
low/high BG data.

Target Ranges is **Off** and there are no results for the low/high data stored in the meter.

↑ High BG Data

No high BG data
available

↓ Low BG Data

No low BG data
available

There are no results stored in the meter for the selected data.

Patterns

No active
patterns based
on last 7 days of
data.

Patterns is **On** but there are no active patterns stored in the meter.

Patterns

No data available.
Turn on Patterns
in Settings to
show patterns
for results marked

Patterns

with comments.

Patterns is **Off**.

Blood glucose may be higher than the measuring range of the system.

See the Unusual Blood Glucose Results section in the chapter Blood Glucose Tests.

Blood glucose may be lower than the measuring range of the system.

See the Unusual Blood Glucose Results section in the chapter Blood Glucose Tests.

The batteries are almost out of power.

Change the batteries now. If the symbol reappears after the batteries have been replaced, remove the batteries again, press and hold the Power/Set/OK button for at least 2 seconds, then reinsert the batteries.

Product Limitations

See the literature packaged with the test strips and control solutions for the latest information on product specifications and limitations.

Specifications	
Blood volume	Refer to the test strip package insert.
Sample type	
Measuring time	
Measuring range	
Test strip storage conditions	
System operating conditions	
Meter storage conditions	Temperature: -13–158 °F
Memory capacity	720 blood glucose results and 32 control results with time and date
Automatic off	90 seconds
Power supply	Two 3-volt lithium batteries (coin cell type CR2032)
Display	LCD
Dimensions	80 × 47 × 20 mm (LWH)
Weight	Approx. 40 g (with batteries)
Construction	Hand-held
Protection class	III
Meter type	The Accu-Chek Guide Link meter is suitable for continuous operation.

10 Technical Information

Control solution storage conditions	Refer to the control solution package insert.
Interfaces	Bluetooth low energy technology; USB: micro-B connector (functionality not available)
Radio frequency connectivity	Bluetooth low energy technology operating in the frequency band of 2.4 GHz (2.402 GHz to 2.480 GHz) with a maximum transmitted power of 0 dBm (1 mW).

Bluetooth Wireless Technology –The meter uses Bluetooth low energy wireless technology to communicate and transfer information to the pump. Bluetooth wireless technology is a form of radio frequency (RF) technology that operates in the unlicensed industrial, scientific, and medical band at 2.4 to 2.485 GHz.

Electromagnetic Compatibility – The meter meets the electromagnetic emission requirements as per EN ISO 15197. The chosen basis for electrostatic discharge immunity testing was basic standard IEC 61000-4-2. In addition, the meter meets the electromagnetic emissions requirements as per EN 61326-2-6 / EN 60601-1-2. Its electromagnetic emission is thus low. Interference from the meter to other electrically-driven equipment is not anticipated.
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

In the event there is interference from another device, it is recommended that you increase the distance between the meter and that device. You can also turn off the interfering device. In addition, you can turn off Bluetooth low energy wireless technology on the meter.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment is in direct contact with the body of the user under normal operating conditions. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

Changes or modifications not expressly approved by the party responsible for compliance (i.e., the manufacturer) could void the user's authority to operate the equipment.

Performance Analysis – Refer to the test strip package insert.

Test Principle – Refer to the test strip package insert.

Product Safety Information

WARNING

- This meter meets IEC 61010-1 and IEC 61010-2-101 safety standards.
- Strong electromagnetic fields may interfere with the proper operation of the meter. Do not use the meter close to sources of strong electromagnetic radiation.
- To avoid electrostatic discharge, do not use the meter in a very dry environment, especially one in which synthetic materials are present.

Travel Documentation

If you are traveling on a commercial airline, you may be required to provide documentation certifying that this meter meets environmental conditions and test procedures for Airborne Equipment (RTCA DO-160) section 21 Emission of Radio Frequency Energy. Visit accu-chek.com or contact the Accu-Chek Customer Care Service Center at 1-800-858-8072 to obtain a copy of the document.

10 Technical Information

Discarding the Meter, Test Strips, Lancing Devices, Lancets, and Batteries

WARNING

- Any product coming in contact with blood is considered contaminated (potentially infectious).*
- During normal testing, any blood glucose meter may come in contact with blood.
- Lancing devices may also be considered sharps. Disposal of sharps is regulated by law in many jurisdictions.

Roche is committed to recycling and sustainability. Comply with any laws or ordinances relating to the disposal of sharps and/or contaminated products. Contact your local health department or other appropriate authorities for proper handling and disposal of used meters, used test strips, used lancets, and used batteries.

Consider the following points when discarding used testing materials: Consider recycling the meters and batteries at an appropriate facility. Be aware the meter is potentially hazardous electronics scrap (e-scrap) and should be disposed of accordingly. The batteries are potentially hazardous also and should be discarded accordingly.

Disinfect the meter before recycling or discarding.

*29 CFR 1910.1030 – Bloodborne pathogens

Explanation of Symbols

⚠	Caution, refer to safety-related notes in the instructions for use accompanying this product.
☣	Biological risks – used meters carry a risk of infection.
🅵🅲 FCC ID: WX3-401	This device complies with Part 15 of the FCC Rules.
⧖	Use by
▀▀	Manufacturer
LOT	Batch code
GTIN	Global Trade Item Number
SN	Serial number
▐+ ▌	3-volt coin cell type CR2032
⊘	Keep new and used batteries away from children.

10 | Technical Information

Additional Supplies

Test Strips: Accu-Chek Guide test strips

Control Solutions: Accu-Chek Guide control solutions

Lancets: Accu-Chek FastClix 102-ct. lancet drums (17-6 ct. drums)

References

[1] FDA Public Health Notification: "Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens: Initial Communication, (2010). Update 11/29/2010." http://wayback.archive-it.org/7993/20161022010458/http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm224025.htm. Accessed January 17, 2018.

[2] CDC Clinical Reminder: "Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens, (2010)." http://www.cdc.gov/injectionsafety/Fingerstick-DevicesBGM.html. Accessed January 17, 2018.

[3] Centers for Disease Control and Prevention (CDC): "Guideline for Disinfection and Sterilization in healthcare Facilities, 2008." Update: May 2019. William A. Rutala, Ph.D., M.P.H., and David J. Weber, M.D., M.P.H., and the Healthcare Infection Control Practices Advisory Committee (HICPAC). https://www.cdc.gov/infectioncontrol/pdf/guidelines/disinfection-guidelines-H.pdf. Accessed September 23, 2019.

Warranty

Accu-Chek Guide Link Meter 30-day Money-back Guarantee for Qualifying Consumers

Roche offers qualifying consumers that purchase an Accu-Chek Guide Link meter, a 30-day money back guarantee. If you are not fully satisfied with your Accu-Chek Guide Link meter, contact the Accu-Chek Customer Care Service Center toll-free at 1-800-858-8072 to determine whether you qualify to receive a full refund within 30 days of purchase. If you are covered under Medicare, Medicaid, other federal/state programs, or private insurance you are NOT eligible for this money-back offer. Consumers affected by this exclusion may instead request a different Accu-Chek meter/system. The refund will be limited to the amount paid by you net of any rebates. You must have a copy of the dated itemized purchase receipt and the original packaging to obtain this refund.

Accu-Chek Guide Link Meter Limited 3-Year Warranty

Roche warrants to the original purchaser of the meter that your Accu-Chek Guide Link meter will be free from defects in materials and workmanship for three years from the date of purchase. If, during this 3-year period, the meter does not work properly because of a defect in materials or workmanship, Roche will replace it with a new Accu-Chek Guide Link meter or equivalent product free of charge. The warranty on the replacement meter will expire on the date of the original warranty expiration or 90 days after the shipment of a replacement system, whichever period is longer. The purchaser's exclusive remedy with respect to the Accu-Chek Guide Link meter shall be replacement.

This warranty does not apply to the performance of an Accu-Chek Guide Link meter that has been damaged by accident or has been altered, misused, tampered with, or abused in any way. Roche will handle meters that show damage or abuse according to its Non-Warranty Service Policy described on the following page.

THE ABOVE WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, AND ROCHE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL ROCHE BE LIABLE TO THE PURCHASER OR ANY OTHER PERSON FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES ARISING FROM OR IN ANY WAY CONNECTED WITH THE PURCHASE OR OPERATION OF THE METER OR ITS PARTS. NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IF ANY IS IMPLIED FROM THE SALE OF THE METER, SHALL EXTEND FOR A LONGER DURATION THAN THREE YEARS FROM THE DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty will last or the exclusion of incidental or consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights, which vary from state to state.

11 License and Warranty

Non-Warranty Service Policy

Roche Non-Warranty Service Policy applies to meters where the above warranty has not become effective, has become inapplicable, or has expired. Roche will replace, at its option, meters returned to it for a service charge (not to exceed $35).

Replacement will be with the same or similar product. Replacement meters will be warranted for a period of 90 days from shipment under a limited warranty providing for replacement of parts and labor at no charge.

Warranty and Service Instructions

All requests for return of Accu-Chek Guide Link meters under the above warranty or service policy must be made to the Accu-Chek Customer Care Service Center. You will be mailed a return authorization label, which must be affixed to your carton for shipping the system to Roche. Cartons received without this label will be returned to you at your expense.

Customers experiencing difficulties should review the troubleshooting information in the Meter Maintenance and Troubleshooting chapter of this manual. Further inquiries should be directed to the Accu-Chek Customer Care Service Center.

Be sure to register your warranty online at accu-chek.com/register for the Accu-Chek Guide Link system.

Limited License

CAUTION – A RESTRICTED LICENSE LIMITS USE OF THE ACCU-CHEK GUIDE LINK SYSTEM (meter and test strips) IN THE UNITED STATES – READ CAREFULLY THE LIMITATIONS RECITED BELOW.

The ACCU-CHEK Guide Link system (meter and test strips) and its use are protected by U.S. Patent Nos. 7,276,146 (expires 4-October-2022); 7,276,147 (expires 4-October-2022); 8,298,401 (expires 4-October-2022); 8,303,801 (expires 4-October-2022); 8,329,026 (expires 4-October-2022); 7,452,457 (expires 2-May-2026); 7,488,601 (expires 1-February-2026); 7,569,126 (expires 28-December-2026); and 7,604,721 (expires 12-August-2026). A license to use the ACCU-CHEK Guide Link system is required until the expiration of the last-to-expire patent listed above and is only granted when the ACCU-CHEK Guide Link meter is used with the ACCU-CHEK Guide test strips.

Accu-Chek Guide test strips are specifically manufactured for operation with the Accu-Chek Guide Link meter. Use of other test strips supplied by another manufacturer may prevent or impair the proper function of the Accu-Chek Guide Link system.

Using the ACCU-CHEK Guide Link system indicates your acceptance of the restricted license to use the ACCU-CHEK Guide Link meter only with ACCU-CHEK Guide test strips. If you do not agree to the terms and conditions of the restricted license, you may return, at the place of purchase, the unused ACCU-CHEK Guide Link system for a full refund. If you have any questions, contact the ACCU-CHEK Customer Care Services Center at 1-800-858-8072.

Except where prohibited by statute, all warranties covering the ACCU-CHEK Guide Link system are voided by use of the ACCU-CHEK Guide Link meter with any test strips other than ACCU-CHEK Guide test strips.

11 | License and Warranty

CAUTION - A RESTRICTED LICENSE LIMITS USE OF THE ACCU-CHEK FASTCLIX SYSTEM (lancing device and lancet drums) IN THE UNITED STATES. READ CAREFULLY THE LIMITATIONS RECITED BELOW.

The Accu-Chek FastClix system (device and lancet drums) and its use are protected by U.S. Patent No. 7,785,338 (expires 5-January-2026). A license to use the Accu-Chek FastClix system is required until the expiration of the last-to-expire patent listed above and is only granted when Accu-Chek FastClix lancet drums are used with the Accu-Chek FastClix device.

Accu-Chek FastClix lancet drums are high precision components that are produced to the close tolerances required for satisfactory operation with the Accu-Chek FastClix device. Use of other lancet drums with the Accu-Chek FastClix device may prevent or impair proper function of the Accu-Chek FastClix device.

Using the Accu-Chek FastClix device indicates your acceptance of the restricted license to use the Accu-Chek FastClix device only with Accu-Chek FastClix lancet drums. If you do not agree to the terms and conditions of the restricted license, you may return, at the place of purchase, the unused Accu-Chek FastClix device for a full refund. If you have any questions, please call the Accu-Chek Customer Care Service Center at 1-800-858-8072.

Except where prohibited by statute, all warranties covering the Accu-Chek FastClix device are voided by use of the Accu-Chek FastClix device with any lancet drums other than Accu-Chek FastClix lancet drums.

Patent Information
U.S. Pat.: http://www.roche-diagnostics.us/patents

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Notes

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