ACCU-CHEK® Guide Link

User's Manual

Blood Glucose Meter

For use with compatible MiniMed™ Pump with *Bluetooth*® wireless technology

Medtronic

Roche

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The Accu-Chek Guide Link System

The Accu-Chek Guide test strips with the Accu-Chek Guide Link meter are intended to quantitatively measure glucose in fresh capillary whole blood from the finger, palm, forearm, and upper arm as an aid in monitoring the effectiveness of glucose control.

The Accu-Chek Guide test strips with the Accu-Chek Guide Link meter are intended for in vitro diagnostic self-testing by people with diabetes.

The Accu-Chek Guide test strips with the Accu-Chek Guide Link meter are intended for in vitro diagnostic use by healthcare professionals in clinical settings. Venous, arterial, and neonatal blood testing are limited to healthcare professional use.

This system is not for use in diagnosis of diabetes mellitus and not for testing neonate cord blood samples.

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

Suitable for self-testing.

The system includes:

Accu-Chek Guide Link meter with batteries, Accu-Chek Guide test strips*, and Accu-Chek Guide control solutions*.

*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 Roche.**

- **Any object coming into contact with human blood is a potential source of infection (see: Clinical and Laboratory Standards Institute: Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline – Fourth Edition; CLSI document M29-A4, May 2014).**

Introduction

Why Regular Blood Glucose Testing Is Important

Testing your blood glucose regularly can make a big difference in how you manage your diabetes every day. We have made it as simple as possible.

Important Information About Your New Meter

- The meter may prompt you to choose a language and the time format (12-hour or 24-hour clock) the first time you turn it on.
- Before you begin testing, turn the meter on by briefly pressing OK so the meter can synchronise its time and date with the paired pump.
- Sample data screens are shown throughout the manual. Your data will differ.
- If you follow the steps in this manual but still have symptoms that do not seem to match your test results, or if you have questions, talk to your healthcare professional.

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

(for example)

Test Strip

9. **Test Strip Container***

10. **Metallic End**
    Insert this end into meter.

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

12. **Control Solution Bottle***

13. **Batteries**

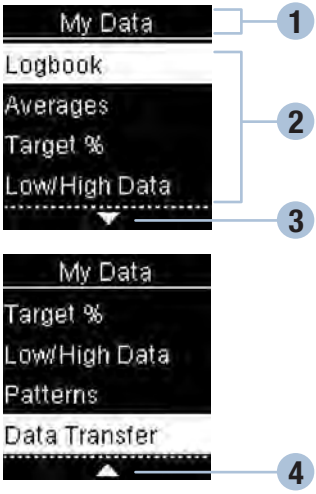
*Some items may not be included in the kit. They are a separate purchase.

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.

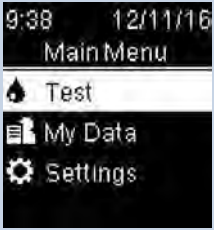
Button	Function
Back Button	Return to the previous display. Return to the previous field.
Up Arrow and Down Arrow Buttons	Navigate up and down in a menu. Increase or decrease a number.
Power/Set/OK Button	Press briefly to turn the meter on. Press and **hold** to turn the meter off. Press to select an 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. Display Check

Meter Menus



1. Title of display or menu
2. Menu options
3. Scroll down
4. Scroll up

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.

Display	Description
	Highlighted option (**Test**) Press OK to enter the **Test** menu.
	Highlighted field (**Hour**) Press ▼ or ▲ to increase or decrease the hour. Press OK to set the hour and move to the minutes field.

1 Your New Meter

Symbols

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

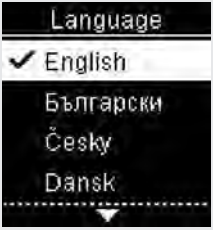
Symbols	Description
	Above target range
	After meal
	Bedtime
	Before meal
	Below target range
	Blood glucose test
	Checkmark / Control test OK / Selected option or setting
	Control bottle
	Control test not OK
	Edit
	Error
	Fasting

Symbols	Description
	Flight mode
	Help
	Low battery
	My data
	No comment
	Other
	Overall
	Settings
	Test reminder
	Warning
	Within target range

Setting the Language and Time Format

The meter may prompt you to choose a language and time format (12-hour or 24-hour clock) the first time you turn it on.

1

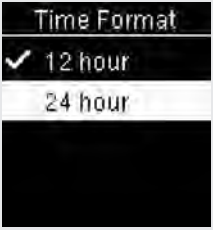


Turn the meter on by briefly pressing OK. **Language** appears.

2

Press ▼ or ▲ to highlight the language. Press OK to set the desired language and continue.

3



If the meter prompts you to set the time format:
Time Format appears.
Press ▼ or ▲ to highlight **12 hour** (am/pm) or **24 hour**.

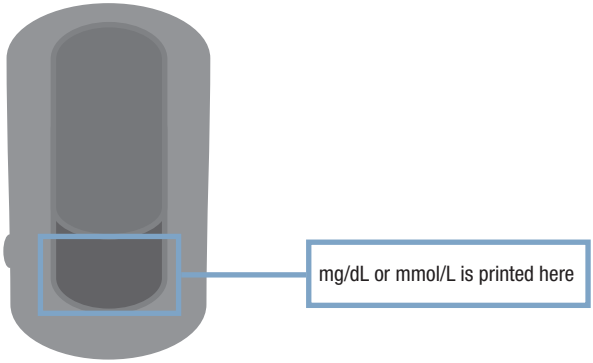
Press OK to set the option and continue to **Main Menu**.

NOTE

If you select the wrong language and cannot correct it, contact the Accu-Chek Customer Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).

⚠ WARNING

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 Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI). 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.



Using the Accu-Chek Guide Link Meter System

- 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.
- Close the test strip container tightly immediately after removing a test strip to protect the test strips from humidity.
- Store the unused test strips in their original test strip container with the cap closed.
- Check the use by date on the test strip container. Do not use the test strips after that date.
- Store the test strip container and meter in a cool, dry place such as a bedroom.
- Refer to the test strip package insert for test strip storage and system operating conditions.

⚠ WARNING

Do not store test strips in high heat and moisture areas (bathroom or kitchen)! Heat and moisture can damage test strips.

Performing a Blood Glucose Test with Blood from Your Fingertip

NOTE

- Before you perform your first blood glucose test, set up the meter correctly.
- You need the meter, a test strip, and a finger pricker with a lancet inserted to perform a blood glucose test.
- There are 2 ways to start a blood glucose test.
  - Insert a test strip into the meter.
  - Turn the meter on by briefly pressing OK. Select **Test** > OK.

1

Wash your hands with warm soapy water and dry thoroughly.

Prepare the finger pricker.

2

Check the use by date on the test strip container.

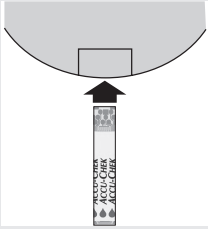
Do not use test strips past the use by date.

3

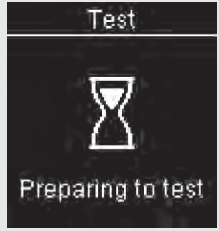
Remove a test strip from the test strip container.

Close the cap tightly.

4

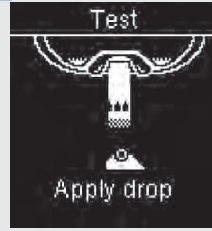


Insert the metallic end of the test strip into the meter.



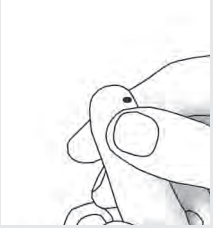
The meter turns on. **Preparing to test** appears.

5



When **Apply drop** appears, prick your finger with the finger pricker.

6



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

7

Touch the **yellow edge** of the test strip to the blood drop. Remove your finger from the test strip when **Analyzing** appears. Do not put blood on top of the test strip.

8

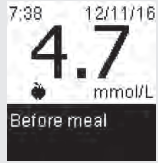
The test result appears on the display.

You have the option of adding a comment to the test result by pressing OK OR proceed to Step 11 to complete the test.

9

Add Comment appears. Press ▼ to highlight a comment. Press OK to set the comment for the test result. See the Adding Comments to Blood Glucose Results section of this chapter for details.

10



The final result appears with the comment symbol. Press OK or ↩ to set the comment and return to **Main Menu**.

To change the comment, press ▼ to select the comment. Press OK to return to **Add Comment**.

11

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.

Blood Glucose Warnings

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

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

Adding Comments to Blood Glucose Results

NOTE

Analysing 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**.

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.

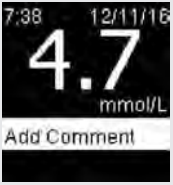
- You may add comments to blood glucose results to help you and your healthcare professional analyse patterns detected by the meter (see the Patterns section in the chapter Meter Settings for details).
- If Patterns is set to **On**, once a pattern is detected you may NOT change the comment attached 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.

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.

1



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

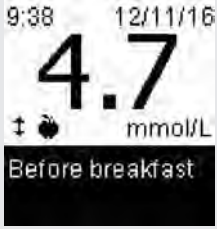
2

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

If Patterns is On:

If **Patterns** is on and you select **Before meal** or **After mea**l, press ▼ to select a specific meal (**Breakfast, Lunch, Dinner,** or **Snack**). Press OK 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 OK or ↩ to set the comment, send the result, and return to **Main Menu**.

To change the comment, press ▼ to select the comment. Press OK to return to **Add Comment**.

⚠ WARNING

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.

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

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

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

If blood from the forearm or upper arm is used, there are certain times when testing is not appropriate. This is because your blood glucose level changes faster in your fingertip and palm than in the forearm and upper arm. 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 the forearm or upper arm.

You may perform a forearm or upper arm test	• immediately before a meal. • while fasting.
You may NOT perform a forearm 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 (hypoglycaemia). • if you are sometimes unaware of your blood glucose being low.

⚠ WARNING

Do not use alternative site testing (AST) to calibrate a continuous glucose monitoring system or to make insulin dosing calculations.

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 Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).

Unusual Blood Glucose Results

If your blood glucose result does not match how you feel, check this list to help solve the problem.

Troubleshooting Checks	Action
Did you wash your hands?	Wash your hands with warm soapy water and dry thoroughly. Repeat the blood glucose test with a new test strip.
Were the test strips expired?	Discard the test strips if they are past the use by date. Repeat the blood glucose test with an unexpired test strip.
Was the cap on the test strip container always closed tightly?	Replace the test strips if you think the test strip container was uncapped for some time. Repeat the blood glucose test.
Was the test strip used immediately after it was removed from the test strip container?	Repeat the blood glucose test with a new test strip.
Were the test strips stored in a cool, dry place?	Repeat the blood glucose test with a properly stored test strip.
Did you follow the directions?	See the chapter Blood Glucose Tests and repeat the blood glucose test. Contact the Accu-Chek Customer Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI) if you still have problems.
Are the meter and test strips working properly?	Perform a control test. See the chapter Control Tests for instructions.
Are you still unsure of the problem?	Contact the Accu-Chek Customer Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).

Symptoms of Low or High Blood Glucose

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

⚠ WARNING

If you are experiencing any of these symptoms, or other unusual symptoms, test your blood glucose from the fingertip or palm. If your blood glucose result is displayed as LO or HI, contact your healthcare professional immediately.

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 recognises 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.

3 Control Tests

Performing a Control Test

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

1

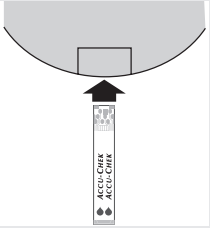
Check the use by date on the test strip container. Do not use test strips past the use by date.

2

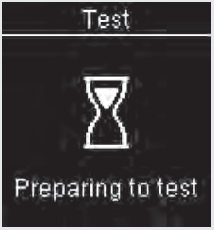
Remove a test strip from the test strip container.

Close the cap tightly.

3



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



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

Apply drop appears.

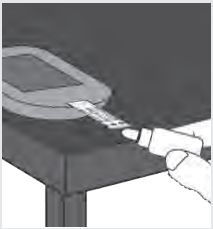
4

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 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

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

Remove and discard the used test strip.

NOTE

Control test 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.

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.

Understanding Out-of-Range Control Results

⚠ WARNING

The control ranges are printed on the test strip container label. If the control result is out of range, 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 control 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 Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).

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.	

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).
	3.9–8.9 mmol/L (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 3.9–6.1 mmol/L (pre-set target range) After Meal Range 3.9–8.9 mmol/L (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 test 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.

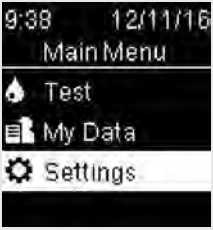
Setting	Options	Function
Post Meal	On / Off / Edit time	On – reminds you to perform an after meal blood glucose test.
Last Result	On / Off	Select whether the previous blood glucose result (within the past 24 hours) appears with the current blood glucose result. On – the previous blood glucose result appears with the current blood glucose result. Off – only the current blood glucose result appears.
Language		Select the language for the meter.
Time Format	12 hour / 24 hour	Select the clock format 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



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

2

Time/Date is highlighted. Press OK.

3

Press ▼ or ▲ to adjust each field. Press OK to set and move to the next field. Set **am** or **pm** if necessary.

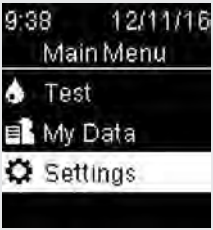
Press OK to save and return to the previous menu.

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



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

2

Press ▼ to highlight **Beeper**. Press OK.

3

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

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

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 (3.3–5.5 mmol/L) to an upper limit of 101–300 mg/dL (5.6–16.6 mmol/L).

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).

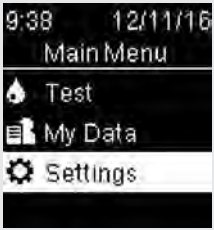
When Target Ranges is **On**, the following symbols appear with blood glucose results.

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 hypoglycaemia training by your healthcare professional.

1



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

2

Press ▼ to highlight **More Options**. Press OK.

3

Target Ranges is highlighted. Press OK.

4

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

5

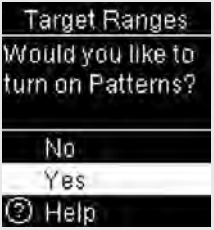
Press ▼ or ▲ to adjust the lower limit of the **Before Meal** target range. Press OK to set and move to the next field.

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

6

The ✔ appears next to the option you selected.

Press ↩ to return to the previous menu.



The meter may prompt you to turn on Patterns.

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

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

NOTE

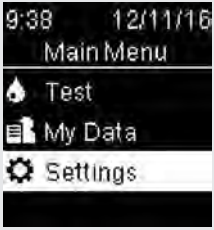
Analysing your blood glucose results stored in the meter is an effective way for you and your healthcare professional to determine how well you are controlling your diabetes. This analysis is a valuable tool for making improvements to your diabetes management. Use care when adding comments to blood glucose 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 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 is not set, the meter prompts you to set them.

1



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

2

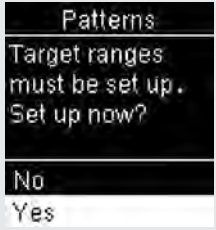
Press ▼ to highlight **More Options**. Press OK.

3

Press ▼ to highlight **Patterns**. Press OK.

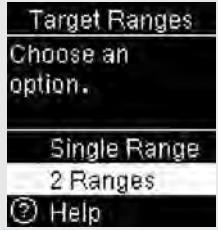
4

Press ▼ to highlight **On**. Press OK to move ✓ to the option. Press OK.



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

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

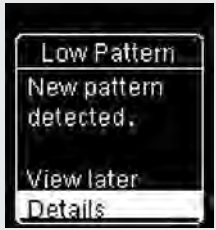


Target Ranges appears on the display (see the Target Ranges section of this chapter for details on setting target ranges).

NOTE

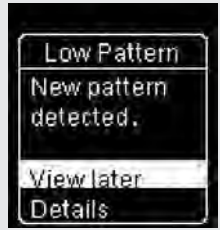
When automatically sending results to a paired pump, select the **View Later** option to send the test result without delay.

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



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

or



Press OK to highlight **View Later**.

Press OK 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.

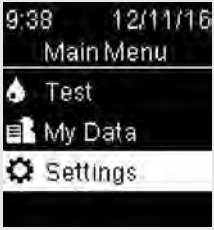
Reminders:

- 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, 12:00, 18:00, and 22:00. You may change reminder times per the instructions on the following pages.
- 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



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

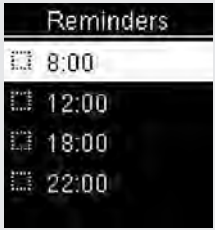
2

Press ▼ to highlight **More Options**. Press OK.

3

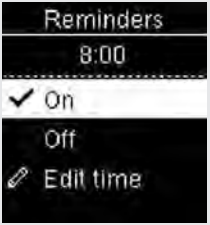
Press ▼ or ▲ to highlight **Reminders**. Press OK.

4

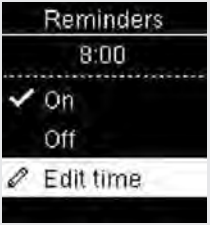


Pre-set reminder times appear on the display. Press ▼ to highlight a Reminder time. Press OK.

5



The pre-set reminder time appears. Press ▼ or ▲ to select **On** or **Off**. Press OK to move ✓ to the option.

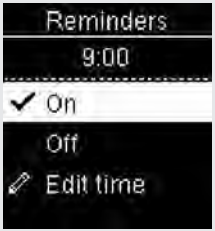


To change the Reminder time shown:

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

Press ▼ or ▲ to adjust each field. Press OK to move to the next field. Press OK to return to the previous menu.

6



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 OK.

Press OK to return to **Reminders**.

7

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.

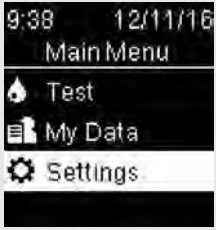
Post Meal reminders:

- turn off by inserting a test strip or pressing any button.
- are postponed until the next 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



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

2

Press ▼ to highlight **More Options**. Press OK.

3

Press ▼ to highlight **Post Meal**. Press OK.

4

Press ▼ or ▲ to highlight **On**. Press OK to move ✔ to the option.

5

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

6

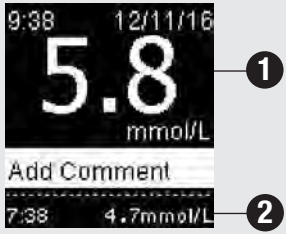
Press ▼ or ▲ to highlight **1 hour**, **1.5 hours**, or **2 hours** after a meal for **Post Meal** reminders to occur.

Press OK to move ✔ to the option.

Press OK to set and return to the previous menu.

Last Result

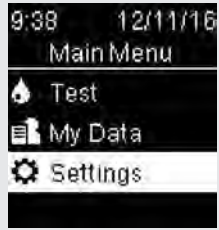
Select whether the previous blood glucose result appears with the current blood glucose result. **Test results older than 24 hours do not appear.**



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 OK. From **Main Menu**, press ▼ to highlight **Settings**. Press OK.

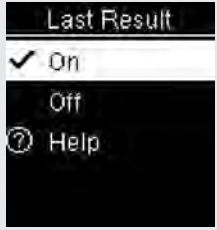
2

Press ▼ to highlight **More Options**. Press OK.

3

Press ▼ to highlight **Last Result**. Press OK.

4



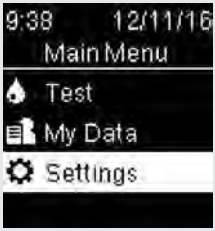
Press ▼ or ▲ to highlight **On** or **Off**. Press OK to move ✓ to the option.

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

Language

Choose the language that appears on the meter.

1



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

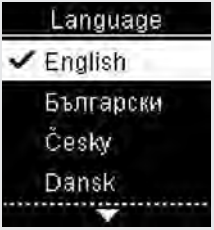
2

Press ▼ to highlight **More Options**. Press OK.

3

Press ▼ to highlight **Language**. Press OK.

4



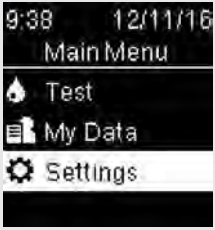
Press ▼ or ▲ to highlight the desired language. Press OK to move ✔ to the option.

Press OK to set the language and return to the previous menu.

Time Format

Choose the time format (12-hour or 24-hour clock) that appears on the meter.

1



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

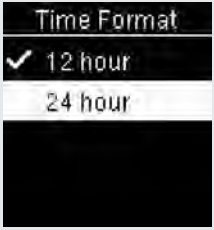
2

Press ▼ to highlight **More Options**. Press OK.

3

Press ▼ to highlight **Time Format**. Press OK.

4



Press ▼ or ▲ to highlight **12 hour** (am/pm) or **24 hour**. Press OK to move ✓ to the option.

Press OK to set the time format and return to the previous menu.

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

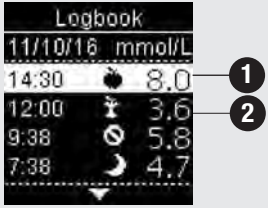
1

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

2

Logbook is highlighted. Press OK.

3



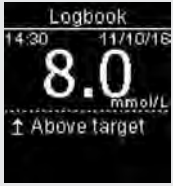
Press ▼ or ▲ to scroll through **Logbook**.

The most recent test result ❶.

The 2nd most recent test result ❷.

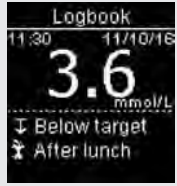
4 To view details about a test result, press ▼ or ▲ to highlight the test result. Press OK. Test result details shown below only appear if **Target Ranges** is **On** or comments were added to a test result.

❶



The most recent test result.

❷



The 2nd most recent test result.

Averages

1

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

2

Press ▼ to highlight **Averages**. Press OK.

3

Press ▼ to highlight a category (the example here is **Overall**). Press OK.

4

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

5

Press ↩ to return to the previous menu if you want to review a different time period OR press ▼ or ▲ to move through different averages.

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

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

2

Press ▼ to highlight **Target %**. Press OK.

3

Press ▼ to highlight a category (the example here is **Before meal**). Press OK to select the option.

4

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

5

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

Analysing 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 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.

Low/High Data

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**.

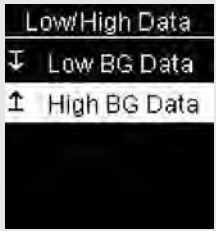
1

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

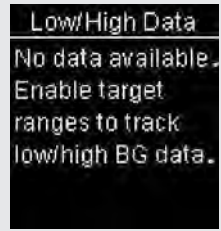
2

Press ▼ to highlight **Low/High Data**. Press OK.

3



or



If Target Ranges is set to On:

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

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).

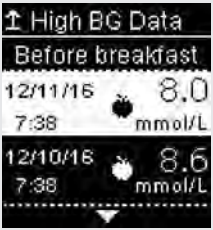
4

Press ▼ to highlight a category (the example here is **Before meal**). Press OK.

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 OK.

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.

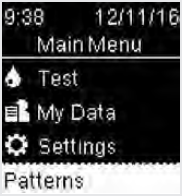
NOTE

Analysing 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:

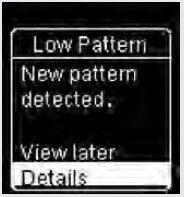


when a Patterns option is displayed at the bottom of **Main Menu**.

or

from **My Data** on **Main Menu.**

or



if a **New pattern detected** message appears on the display when performing a blood glucose test.

Patterns

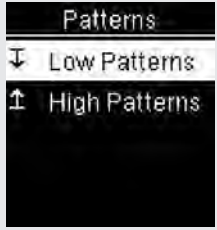
Patterns detected by the meter may be displayed on the Main Menu as:

Patterns	High and low patterns have been detected	Patterns may include the following blood glucose results marked with comments: 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).
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 results from last 7 days	
Blank	Patterns feature is set to **Off**	

1

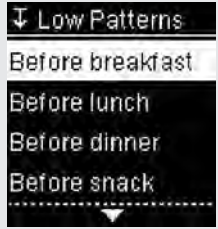
Turn the meter on by briefly pressing OK. From **Main Menu**, press ▼ to highlight the Patterns option at the bottom of the screen (the example here is **Patterns**). Press OK.

2



Press ▲ or ▼ to highlight **Low Patterns** or **High Patterns** (the example here is **Low Patterns**). Press OK to select the option.

3



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

4

Press ▼ to scroll through test results.

Press ↩ to return to the previous menu.

5 Review Your Data

Overview

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

Setting	Options	Function
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	Pair To Pump / Delete Pairing	Select whether to pair a pump or to delete the paired pump.

Pairing

The meter can automatically send blood glucose test results to a compatible MiniMed™ Pump 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™ System User Guide for pairing instructions.

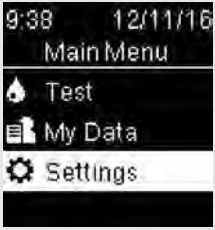
Once the meter and pump are paired, the pairing settings are stored in both devices so that you do not have to repeat the pairing. If communication between the meter and pump is stopped or interrupted for any reason, they will automatically resume communication when both devices are in communication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

The meter can only be paired with a compatible MiniMed™ insulin pump. 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. 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

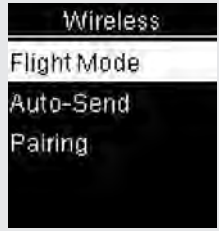


Turn the meter on by briefly pressing OK. From **Main Menu**, press ▼ to highlight **Settings**. Press OK.

2

Press ▼ to highlight **Wireless**. Press OK.

3

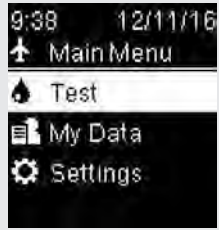


Flight Mode is highlighted. Press OK.

4

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

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

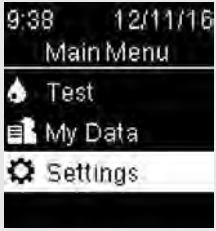


Main Menu with meter in Flight Mode.

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



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

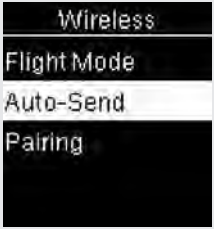
2

Press ▼ to highlight **Wireless**. Press OK.

⚠ WARNING

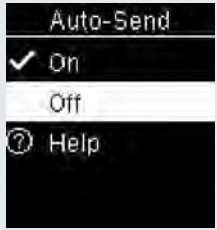
Do not use alternative site testing (AST) to calibrate a continuous glucose monitoring system or to make insulin dosing calculations.

3



Press ▼ to highlight **Auto-Send**. Press OK.

4



Press ▼ or ▲ to highlight **On** or **Off**. Press OK to move ✔ to the option.

Press OK 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.

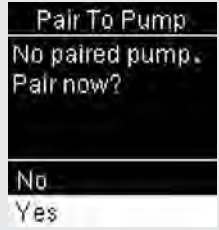
Results sent using Data Transfer cannot be used by the pump system to calibrate a continuous glucose monitoring system or to make insulin dosing calculations.

1

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

2

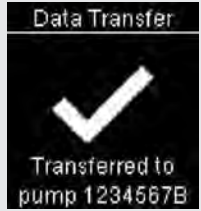
Press ▼ to highlight **Data Transfer**. Press OK.



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



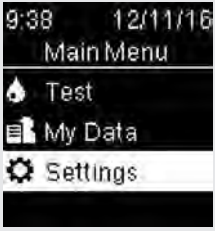
The meter transfers the data to the pump.

Delete Pairing

This procedure is to delete the pairing on 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™ 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

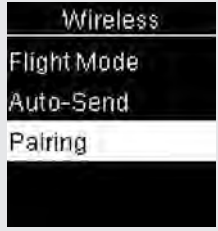


Turn the meter on by briefly pressing OK. From **Main Menu**, press ▼ to highlight **Settings**. Press OK.

2

Press ▼ to highlight **Wireless**. Press OK.

3



Press ▼ to highlight **Pairing**. Press OK.

4

Press ▼ or ▲ to highlight **Delete Pairing**. Press OK.

5

Press OK to confirm.

The meter shows the deleted pairing.

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 drop the meter or think the results are not accurate, contact Roche.

⚠ WARNING

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

Changing the Batteries

1

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.

2

Release the old batteries by pressing the button. Remove the old batteries.

3

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

- The meter uses two 3-volt lithium batteries, coin cell type CR2032. This type of battery can be found in many stores. It is a good idea to have spare batteries available.
- Always replace both batteries at the same time and with the same brand.
- The logbook data is saved when you replace the batteries.

Cleaning the Meter

Keep the meter free of dust. If you need to clean or disinfect it, follow these guidelines carefully to help you get the best performance possible.

⚠ WARNING

- **Do not allow liquid to enter any openings in the meter.**
- **Do not spray a cleaning solution directly onto the meter.**
- **Do not immerse the meter in liquid.**

1	2
Make sure the meter is turned off.	Gently wipe the meter's surface with a soft cloth slightly dampened (wring out any excess liquid) with one of these cleaning solutions: • 70 % isopropyl alcohol • Mild dishwashing liquid mixed with water • 10 % household bleach solution (1 part bleach plus 9 parts water) made the same day

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 Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).**

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

- Batteries are dead.

Insert new batteries.

- Display is damaged. / Meter is defective.

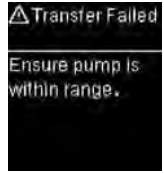
Contact the Accu-Chek Customer Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).

- Extreme temperatures.

Move the meter to a location with a more moderate temperature.

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

Remove the USB cable and perform a test.



Blood glucose results were not transferred to the paired pump.

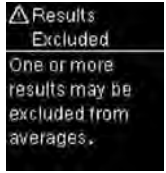
Make sure the paired pump is within range of the meter.

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

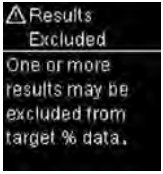
Retry the data transfer when the meter is not in Flight Mode.

USB functionality is not available for this meter.

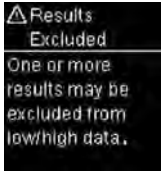
Remove the USB cable.



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



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



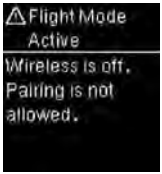
One or more blood glucose results are excluded from the selected low/high data because the test results are invalid.

The date entered is not valid.

Enter the correct date.

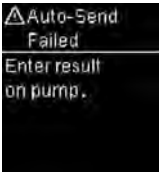
A meter setting was changed while in Flight Mode.

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



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

Retry pairing when the meter is not in Flight Mode.

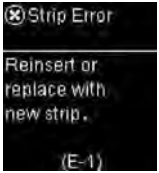


The blood glucose result has not been sent to the pump.

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

The meter was unable to pair with a pump.

Retry the pairing.



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.

A meter or test strip error has occurred.

Repeat the blood glucose test.
If a second E-3 code appears, perform a control test with the control solution and a new test strip.

- If the control result is within the acceptable range, review the proper testing procedure and repeat the blood glucose test with a new test strip.
- If the control result is not within the acceptable range, see the Understanding Out-of-Range Control Results section in the chapter Control Tests.

This error 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.
In rare cases, an E-3 error code may indicate that your blood glucose is extremely high and above the system's reading range. If you do not feel like your blood glucose is extremely high, repeat the blood glucose test. See the Unusual Blood Glucose Results section in the chapter Blood Glucose Tests. If the E-3 code still appears for your blood glucose test, **contact your healthcare professional immediately**.

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.

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.

An electronic error occurred.

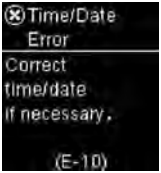
Remove the batteries, press and hold the Power/Set/OK button for at least 2 seconds, and reinsert the batteries. Perform a blood glucose or control test.

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.

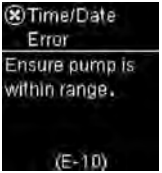
The batteries may be out of power.

Turn the meter back on. If the message continues to appear after several attempts, and the meter is not in a cold environment, 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.



The time and date setting may be incorrect.

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

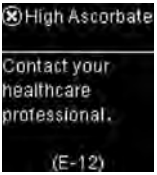


The time and date setting may be incorrect.

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

The test strip may be damaged.

Retest with a new test strip.



Your blood sample may contain a high level of ascorbate.

Contact your healthcare professional.

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 Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).

An electronic error has occurred.

Contact the Accu-Chek Customer Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).

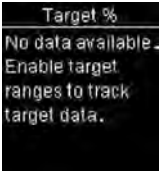
The meter time and date have been changed to match the paired pump.

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

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.

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

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

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

Patterns is **Off**.

 Blood glucose may be higher than the measurement range of the system. See the Unusual Blood Glucose Results section in the chapter Blood Glucose Tests.	 Blood glucose may be lower than the measurement range of the system. See the Unusual Blood Glucose Results section in the chapter Blood Glucose Tests.

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 Sample type Measuring time Measuring range Test strip storage conditions System operating conditions	Refer to the test strip package insert.
Meter storage conditions	Temperature: -25–70 °C
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.
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 2.402 GHz to 2.480 GHz with a maximum transmitted power of 0 dBm (1 mW).

8 Technical Information

Electromagnetic Compatibility – The meter meets the electromagnetic requirements as per EN61326-2-6 / EN60601-1-2. Its electromagnetic emission is thus low. Interference on the other electrically-driven equipment is not anticipated.

Performance Analysis – Refer to the test strip package insert.

Test Principle – Refer to the test strip package insert.

Declaration of Conformity – Roche hereby declares that the Accu-Chek Guide Link blood glucose meter conforms with the basic requirements and other relevant regulations of the European Directive 2014/53/EU. The conformity declaratio may be found at the following website: http://declarations.accu-chek.com

Communication Protocol – The Accu-Chek Guide Link blood glucose meter has been tested and certified against the Bluetooth Core Specification version 4.0.

Product Safety Information

⚠ WARNING

- **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.**

Discarding the Meter

⚠ WARNING

- **During blood glucose testing, the meter itself may come into contact with blood. Used meters therefore carry a risk of infection. Before discarding the meter, remove the battery or batteries. Discard used meters according to the regulations applicable in your country. Contact the local council and authority for information about correct disposal.**
- **The meter falls outside the scope of the European Directive 2012/19/EU – Directive on waste electrical and electronic equipment (WEEE).**
- **Roche conforms to the Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.**
- **Discard used batteries according to local environmental regulations.**

8 Technical Information

Explanation of Symbols

These symbols may appear on the packaging, on the type plate, and in the instructions for the Accu-Chek Guide Link meter.

	Consult instructions for use
	Biological Risks – used meters carry a risk of infection.
	Caution, refer to safety-related notes in the instructions for use accompanying this product.
	Temperature limitation (store at)
	Admissible humidity range
	Use by
	Manufacturer
REF	Catalogue number
LOT	Batch code
IVD	In vitro diagnostic medical device
GTIN	Global Trade Item Number
SN	Serial number

CE 0123	This product fulfils the requirements of the European Directive 98/79/EC on in vitro diagnostic medical devices.
	3-volt coin cell type CR2032
	Keep new and used batteries away from children.

Explanation of Symbols

On the finger pricker itself and on the packaging of the Accu-Chek FastClix finger pricker, you will encounter the following symbols, shown here with their meaning.

	Use only once
	Use by
LOT	Batch code
STERILE R	Sterilised using irradiation
CE 0123	This product fulfils the requirements of the European Directive 93/42/EEC on medical devices.

Additional Supplies

Test Strips: Accu-Chek Guide test strips

Control Solutions: Accu-Chek Guide control solutions

Lancet Drums: Accu-Chek FastClix lancet drums

8 Technical Information

Using the Accu-Chek FastClix Finger Pricker

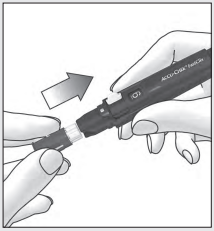
1. **Cap**
2. **Comfort Dial with Depth Selection**
3. **Depth Indicator**
4. **Lever (for advancing to new lancet)**
5. **Lancet Counter**
6. **Release Button**

	• The black cap is for fingertip testing only. • Remember that the opening where the lancet comes out is not in the centre of the cap. • Remove the cap by pulling it straight off. Do not twist the cap.
	• The AST cap* is for testing other approved sites on the body, not the fingertip. • Remove the cap by pulling it straight off. Do not twist the cap. • For palm testing, we suggest a depth setting of 3. Once you perform a successful blood glucose test, you may want to find the lowest depth setting that provides enough blood with the least amount of pain. *To obtain an AST converter cap, please contact the Accu-Chek Customer Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI).
	• A new lancet drum is dark grey 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 best one. • 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 finger pricker to get it ready for use.

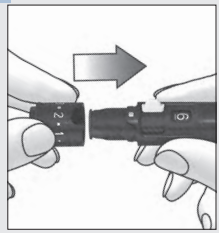
1



Remove the cap.

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

2



Slide the cap on until it stops by aligning the notch on the cap with the notch on the finger pricker.

3

You are now ready to use the first lancet.

The lancet counter shows a number 6, meaning you have six new lancets remaining.

NOTE

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

⚠ WARNING

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

⚠ WARNING

The Accu-Chek FastClix finger pricker is intended for patient self-monitoring by an individual person only. It must not be used to collect blood from more than one person as it does not incorporate any features to guard against cross-infection.

⚠ WARNING

Any object coming into contact with human blood is a potential source of infection see: Clinical and Laboratory Standards Institute: Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline – Third Edition; CLSI document M29-A3, 2005).

Taking a Fingertip Blood Sample

1

Wash and dry your hands.

2

Make sure you select the correct cap.

Adjust the penetration depth by turning the comfort dial.

3

Press the finger pricker firmly against the side of your fingertip.

Press the release button on the end of the finger pricker all the way down to prime the lancet and prick the finger.

4

Load the next lancet by sliding the lever forward then slide it back all the way.

The lancet counter decreases one number.

Taking an Alternative Site Blood Sample

1

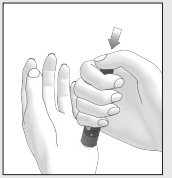
Make sure you select the AST converter cap.

2

Dial the depth setting to 5½ for forearm or upper arm testing.

Dial the depth setting to 3 for palm testing.

3



Press the finger pricker firmly against the selected puncture site and press the release button.

Immediately lift the finger pricker off the site.

Remove the AST converter cap by pulling it straight off.

4

Return the AST converter cap to the same position over the puncture site. Apply pressure to the site to help the blood drop form properly.

Do not allow the cap to touch the blood drop.

5

Load the next lancet by sliding the lever (until it stops), then slide it back all the way.

The lancet counter decreases one number.

NOTE

- 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.
- NEVER reuse a lancet.
- NEVER share your finger pricker with anyone.
- If the blood drop is too small, release pressure for a few seconds, without removing the AST converter cap from the puncture site. Reapply pressure to the AST converter cap to get a sufficient blood drop.
- Once you perform a successful blood glucose test, you may want to find the lowest depth setting that provided enough blood with the least amount of pain.

Treatment of the Puncture Site

Wipe the puncture site with a clean, dry tissue. If it continues to bleed, apply gentle pressure to the site with a plaster to protect it from dirt or infection.

Changing the Lancet Drum

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

1	2	3	4
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.	Throw the old lancet drum away. **Always discard according to local regulations.**	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 finger pricker.

Caring for the Finger Pricker

Clean and disinfect the finger pricker regularly to prevent the transmission of infection. Follow these guidelines carefully to clean and disinfect without damaging the finger pricker.

When to clean and disinfect the Finger Pricker

- At least once a week
- When there is blood on the finger pricker
- Before allowing anyone else to handle the finger pricker, for example, if someone is assisting you.

⚠ WARNING

To avoid damaging the finger pricker:

- **Do not dip the finger pricker and cap in any fluids.**
- **Use only water for cleaning and 70 % isopropanol for disinfecting.**

NOTE

- Clean the finger pricker and cap before they are disinfected to remove blood and dirt.
- To clean and disinfect the finger pricker and cap you need lint-free cloths, water, and 70 % isopropanol.

Cleaning the Finger Pricker and Cap

1. Remove the cap and lancet drum from the finger pricker.
2. Dampen a cloth with water.
3. Thoroughly wipe the outside only of the finger pricker.
   Thoroughly wipe the inside and outside of the cap.
4. Dry the finger pricker and cap with a dry cloth.

Disinfecting the Finger Pricker and Cap

1. Remove the cap and lancet drum from the finger pricker.
2. Clean the finger pricker and cap.
3. Dampen a cloth with 70 % isopropanol.
4. Thoroughly wipe the outside only of the finger pricker for 2 minutes.
   Thoroughly wipe the inside and outside of the cap for 2 minutes.
5. Place the cap back on the finger pricker and wrap the finger pricker in the dampened cloth for 8 minutes.
6. Unwrap the finger pricker and let it air dry.

Any Questions?

We want to give you the help you need for long and reliable service of your meter and finger pricker.

Review your test procedure and make sure that you are performing the steps correctly. If you still have questions, please contact the Accu-Chek Customer Careline on 0800 701 000 (UK) or 1 800 709 600 (ROI). Please have your Accu-Chek Guide Link meter, Accu-Chek Guide test strips, and Accu-Chek Guide control solutions available when you call.

IMPORTANT – READ CAREFULLY BEFORE USE
GUARANTEE: The statutory provisions on rights in consumer goods sales in the country of purchase shall apply.

9 The Accu-Chek FastClix Finger Pricker

Guarantee

The statutory provisions on rights in consumer goods sales in the country of purchase shall apply.

Warranty and Service Instructions

Roche Diabetes Care warrants the meter against any material and manufacturing defects that may arise during proper use of the meter. For precise terms and conditions, please see the warranty card in the box. This warranty does not affect any statutory or other rights. The warranty ceases to apply if the meter has been misused or tampered with. Roche undertakes to repair faulty components free of charge or, at their discretion, to provide a fault-free replacement meter. Be sure to fill out the warranty form that came with your system and return it to Roche Diabetes Care.

Statutory and other rights: This manufacturer's warranty is in addition to any statutory or other rights which may be acquired by the customer through his dealings with the meter supplier. The statutory provisions on rights in consumer goods sales in the country of purchase shall apply.

10 Guarantee

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ROI Freephone number: 1 800 709 600
[1)]calls may be recorded for training purposes
Some mobile operators may charge for calls to these numbers.

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