ACCU-CHEK Guide



User's Manual

Blood Glucose Meter



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The Accu-Chek Guide System

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

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

This system is not for use in diagnosis of diabetes mellitus, nor for testing neonate cord blood samples.

Suitable for self-testing

The system includes:

Accu-Chek Guide 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.
- 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).

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.
- Check the time and date on the meter before you begin testing. Adjust the time and date if necessary.
- 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 Meter



Front View



Shows results, messages, and test results stored in memory.

2. Back Button

Returns to a previous display or field.

- Up Arrow and Down Arrow Buttons
 Press to move between menu options
 or to increase or decrease numbers.
- Power/Set/OK Button
 Turns meter on or off and sets options.
- Test Strip Slot with Light Insert test strip here.



6. Battery Door

Flip open to replace batteries.

7. Micro USB Port

Transfers data from the meter to a computer (PC).

8. Test Strip Ejector

Press to remove 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
- 14. USB Cable*
 Connects the meter to a PC.

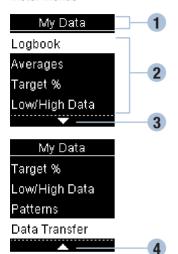
*Some items may not be included in the kit. They are a separate purchase.

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.

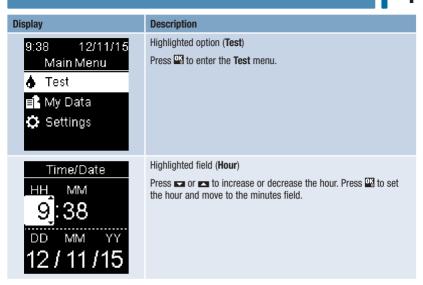
Button	Function
Back Button	Return to the previous field.
Up Arrow and Down Arrow Buttons	Navigate up and down in a menu. Increase or decrease a number.
Power/Set/OK Button	Press briefly to turn the meter on. Press and hold to turn the meter off. Press to select an option. Press to move to the next field 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
- Menu options
- Scroll down
- Scroll up

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



Your New System

Symbols

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

Symbols	Description
1	Above target range
Ť	After meal
)	Bedtime
Č	Before meal
Ţ	Below target range
•	Blood glucose test
/	Checkmark / Control test OK / Selected option or setting
Ž	Control bottle
X	Control test not OK
0	Edit
×	Error
0	Fasting

Symbols	Description
†	Flight mode
?	Help
<u>:</u>	Low battery
	My data
	No comment
*	Other
* •	Overall
\$	Settings
\Diamond	Test reminder
<u> </u>	Warning
1	Within target range

Setting the Language and Time Format

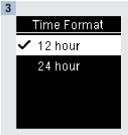
The meter may prompt you to choose a language and time format (12-hour or 24-hour clock) the first time you turn it on.



Turn the meter on by briefly pressing . Language appears.



Press or to highlight the language. Press to set the desired language and return to Main Menu.



If the meter prompts you to set the time format:

Time Format appears.

Press
or
to highlight 12

hour (am/pm) or 24 hour.

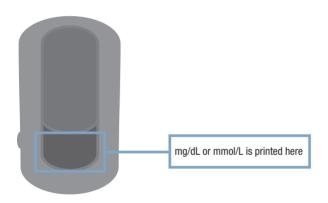
Press to set the option and return to **Main Menu**.

NOTE

If you select the wrong language and cannot correct it, contact Roche.



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 Roche. 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 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 lancing device with a lancet inserted to perform a blood qlucose 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** > ...



Wash your hands with warm soapy water and dry thoroughly.

Prepare the lancing device.



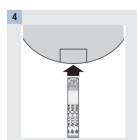
Check the use by date on the test strip container.

Do not use test strips past the use by date.



Remove a test strip from the test strip container.

Close the cap tightly.



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



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



When **Apply drop** appears, perform a fingerstick with the lancing device.





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



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



Analyzing appears when there is enough blood in the test strip.

7:38 12/11/15 85 mg/dL Add Comment

or

7:38 12/11/15 4.7 mmol/L Add Comment

The test result appears on the display.

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







Add Comment appears. Press

to highlight a comment. Press

to set the comment for the test result. See the Adding Comments to Blood Glucose Results section of this chapter for details.



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 of to return to Add Comment.

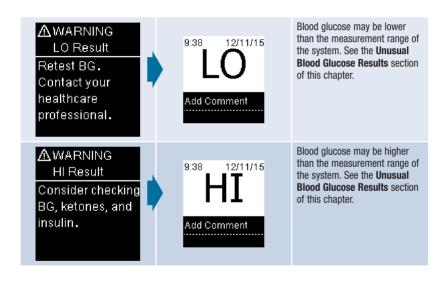


Press here to eject test strip

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 to acknowledge the LO or HI warning, OR the meter automatically moves to the LO or HI result display.



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. Incorrect comments can cause inaccurate patterns to be detected by the meter when 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.

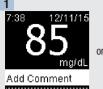
- You may add comments to blood glucose results to help you and your healthcare professional analyze patterns detected by the meter (see the **Patterns** section in the chapter **Meter Settings** for details).
- If Patterns is set to **On**, once a pattern is detected you may NOT change the comment attached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

Blood Glucose Tests

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

Symbols	Name	Description
ď	Before meal	If Patterns is ${\bf On}$, select Before breakfast, lunch, dinner, or snack (see the following page for adding comments with Patterns ${\bf On}$).
Ĭ	After meal	If Patterns is \mathbf{On} , select After breakfast, lunch, dinner, or snack (see the following page for adding comments with Patterns \mathbf{On}).
0	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	 You do not want to add a comment. You want to remove a comment for the current blood glucose result.

^{*}American Diabetes Association: Standards of Medical Care in Diabetes-2013.





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





The **Add Comment** menu appears. Press

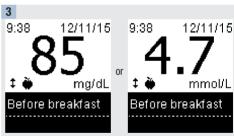
to highlight the desired comment (the example here is **Before meal**). Press

to select 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.



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

To change the comment, press **to** select the comment.

Press to return to Add Comment.

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 (hypoglycemia). if you sometimes do not notice when your blood glucose is low.

∴ WARNING

Do not use alternative site testing 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 Roche.



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
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 Roche 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 Roche.

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 (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.

⚠ 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.
- vou 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.

Performing a Control Test

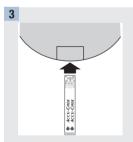
You need the meter, a test strip, and control solution Level 1 or Level 2.



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



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



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.





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





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





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



Test

Analyzing

Analyzing appears when there

is enough control solution in

the test strip.

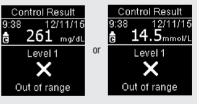




Control Result and the control bottle symbol appear. Press **□** or **□** to select the control level you tested. If you do not select a level, the control result is saved without a control level. Press **□**.



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



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



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

Remove and discard the used test strip.

NOTE

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 Roche.



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.

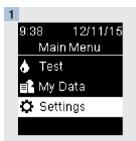
Setting	Options	Function
Time/Date	Time / Date	Set the time and date.
Beeper	On / Off	Select On or Off.
Wireless	Select wireless communication settings. See the chapter Wireless Communication and Meter Pairing .	

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).
	70–160 mg/dL (pre-set target range) 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 70–110 mg/dL (pre-set target range) 3.9–6.1 mmol/L (pre-set target range) After Meal Range 70–160 mg/dL (pre-set target 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.

Meter Settings Time/Date

Time/Date



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



Time/Date is highlighted.



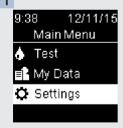
Press or to adjust each field. Press to set and move to the next field. Set am or pm if necessary.

Press to save and return to the previous menu.

Beeper

The beeper prompts you:

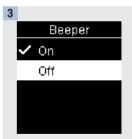
- when a test strip is inserted.
- to apply blood or control solution to the test strip.
- when enough blood or control solution is drawn into the test strip.
- when the blood glucose or control test is complete.
- when the meter is turned on.
- · when a button is pressed.
- when it is time to perform 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).



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



Press to highlight **Beeper**.



Press \square or \square to highlight **On** or **Off**. Press \square to move \checkmark to the option.

Press 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 50-100~mg/dL (2.8–5.5 mmol/L) to an upper limit of 101-200~mg/dL (5.6–11.1 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
Ţ	The blood glucose result is below the target range.
‡	The blood glucose result is within the target range.
1	The blood glucose result is above the target range.





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



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



Press to highlight More Options. Press ...



Target Ranges is highlighted. Press OK



Meter Settings

Target Ranges

4



2 Ranges

? Help

Press or to highlight Off, Single Range, or 2 Ranges.

Press to select an option (the example here is 2 Ranges).

5



or



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** range and the upper and lower 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

? Help

The meter may prompt you to turn on Patterns.

Press or to highlight Yes or No.

Press 2 to set the option and return to the previous menu (see the **Patterns** section of this chapter for details).

Patterns

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.

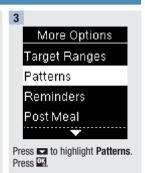
- The meter does NOT detect a pattern for the "other" comment added to blood glucose results.
- It is very important to have the correct time and date set in the meter. Having the correct time and date setting helps ensure accurate interpretation of information by you and your healthcare professional.
- Only blood glucose results marked with comments will be included in Patterns. If LO or HI test results
 are marked with comments, the 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.



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



Press To highlight More Options. Press





Patterns Off



Press ightharpoonup to highlight **On**. Press ightharpoonup to the option. Press ightharpoonup.

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 **DS** to return to **Patterns**.)

Target Ranges

Choose an option.

Single Range

2 Ranges

② Help

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



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.

Low Pattern New pattern detected. or View later Details

Press ut 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 \triangle 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 (including when meter is connected to a USB cable).
- do not appear/beep if the meter is connected and communicating to a Continua Certified[®]
 manager.
- 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 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).



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

Settings
Time/Date
Beeper
Wireless
More Options

Press to highlight More Options. Press ...

More Options
Target Ranges
Patterns
Reminders
Post Meal

Press or to highlight Reminders. Press ...

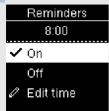
Reminders

8:00
12:00
18:00
22:00

4

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





The pre-set reminder time appears. Press

or

to select 0n or 0ff. Press

to move

to the option.



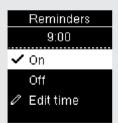
To change the Reminder time shown:

Press to highlight **Edit time**. Press .



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





A ✓ indicates the Reminder is set for the time shown and automatically set to **0n**. To turn the reminder off, press **□** to highlight **0ff**.

Press to return to Reminders.





The reminder time appears.

Press to continue to set additional reminders or press to return to **More Options**.

Meter Settings
Post Meal Reminders

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 \diamondsuit 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 (including when meter is connected to a USB cable).
- do not appear/beep if the meter is connected and communicating to a Continua Certified® manager.
- 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 with 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.

Post Meal Reminders

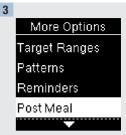


Turn the meter on by briefly pressing ☑. From Main Menu, press ☑ to highlight Settings.

Press ☑



Press to highlight More Options. Press .



Press To highlight Post

Meal Press



Meter Settings

Post Meal Reminders

4

Post Meal

✓ On

Off

Edit time

② Help

Press or to highlight On. Press to move
to the option.

5

Post Meal



Edit time



Press to highlight Edit time. Press OK

6

Post Meal Remind after:

1 hour

✓ 1.5 hours

2 hours

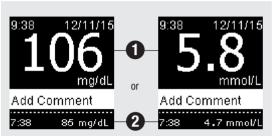
Press or to highlight 1 hour. 1.5 hours. or 2 hours after a meal for Post Meal reminders to occur.

Press to move
to the option.

Press to set and return to the previous menu.

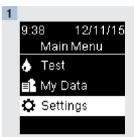
Last Result

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 1 appears.

On — the previous blood glucose result $\ensuremath{\text{②}}$ appears with the current blood glucose result.



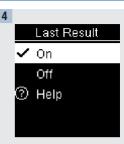
Turn the meter on by briefly pressing ⚠. From Main Menu, press to highlight Settings. Press ☒.

Settings
Time/Date
Beeper
Wireless
More Options

Press to highlight More Options. Press .



Press to highlight Last Result. Press ...

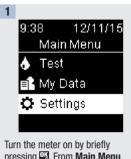


Press \square or \square to highlight **On** or **Off**. Press \square to move \checkmark to the option.

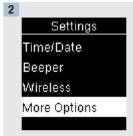
Press to set the option and return to the previous menu.

Language

Choose the language that appears on the meter.



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



Press **t** to highlight **More Options**. Press **U**.



Press to highlight Language. Press .



✓ to the option.

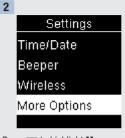
Press to set the language and return to the previous menu.

Time Format

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



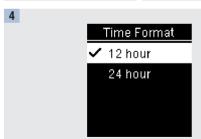
Turn the meter on by briefly pressing . From Main Menu, press to highlight Settings. Press .



Press to highlight More Options. Press



Press to highlight **Time Format**. Press **.**



Press
or
to highlight 12 hour (am/pm) or 24 hour. Press
to move
to the option.

Press \blacksquare to set the time format and return to the previous menu.

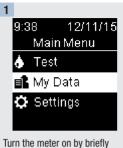
Overview

- 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 stored in memory but cannot be reviewed on the meter. To view stored control
 results, transfer them to a compatible software application.
- Control results are not included in the averages or blood glucose reports.
- Once 32 control results are in memory, adding a new control result deletes the oldest control
 result.

↑ 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.

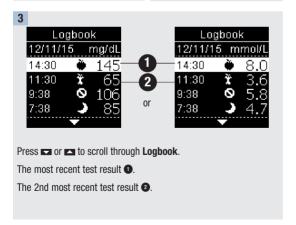
Logbook



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



Logbook is highlighted Press **QK**.



4

To view details about a test result, press or to highlight the test result. Press to teall the test result. Press to teall the test result. Press to teal the test result. The test result to the test result.









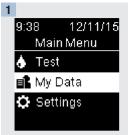
The most recent test result.

The 2nd most recent test result.

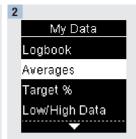
5

Averages

Averages



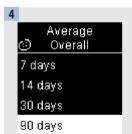
Turn the meter on by briefly pressing ☑. From Main Menu, press ☑ to highlight My Data.
Press ☑



Press to highlight **Averages**. Press **S**.



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

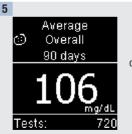


Press

to highlight a time period (the example here is

days). Press

.



or Average
Overall
90 days

5.8

mmol/L

Tests: 720

Press

to return to the previous menu if you want to review a different time period OR press

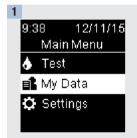
or

to move through different averages.

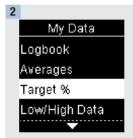


Target Percent (%) allows you to view the percentage of your Overall, Before meal, After meal, Fasting, and Bedtime blood glucose results that are above, within, or below your target ranges.

- 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.



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.

Target Percent (%)



Press

to highlight a time period (the example here is

days). Press

S.



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.

Low/High Data

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 in 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.



You can select Low BG and High BG results for Overall, Before meal, After meal, Fasting, or Bedtime blood glucose results.

Symbol	Name	Description
\odot	Overall	Includes low and high blood glucose results based on Target Ranges set in the meter.
Ď	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.*
Ĭ	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.*
0	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**.

Low/High Data

1

9:38 12/11/15 Main Menu ▲ Test

Test

📫 My Data

🕽 Settings

2

My Data Logbook Averages Target % Low/High Data

Press to highlight Low/High Data, Press OK.

3

Low/High Data

▼ Low BG Data

1 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:

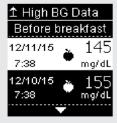
The meter may prompt you to select detailed categories to view. Press

to highlight a category (the example here is **Before breakfast**).

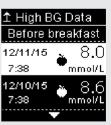
Press

The meter may prompt you to select detailed categories to view.

5



or



The selected data appears (the example here is **High BG data**). Press **t** 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 in the meter if Patterns is **On**

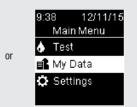
Patterns

- 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



from My Data on Main Menu.

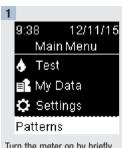


or

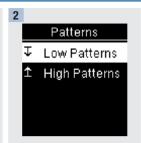
if a **New pattern detected** message appears on the display when performing a blood glucose test.

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	
High Pattern(s)	One or more high patterns have been detected		
Low Pattern(s)	One or more low patterns have been detected	comments:	
No Patterns	No active pattern based on 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		



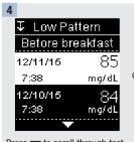
Turn the meter on by briefly pressing □ From Main Menu, press □ to highlight the Patterns option at the bottom of the screen (the example here is Patterns). Press □ A



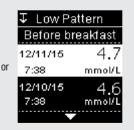
Press or to highlight Low Patterns or High Patterns (the example here is Low Patterns). Press to select the option.



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



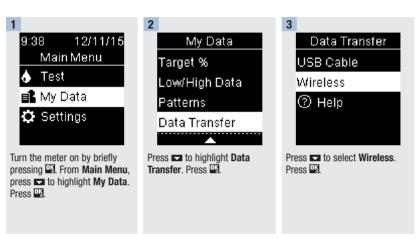
Press to scroll through test results.



Press to return to the previous menu.

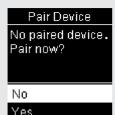
Data Transfer Using Wireless

This feature allows you to transfer data wirelessly from your meter to another device.



Data Transfer Using Wireless

4



If a device has not been paired with your meter:

The meter prompts you to pair a device to the meter (see the **First-Time Pairing** section in the chapter **Wireless Communication and Meter Pairing** for details).

or



If the meter has already been paired with at least one device:

Press or to choose a wireless device for data transfer.

Data Transfer

Connecting to

Device1234





The meter transfers the data to the device.

Review Your Data

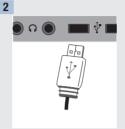
Data Transfer Using USB Cable

Data Transfer Using USB Cable

This feature allows you to transfer data from your meter to special software for diabetes management on a PC using a USB cable.



Plug the small end of the USB cable into the meter.



Plug the large end of the USB cable into a USB port on the PC.

If the meter is off, it turns on.



3

Start the software for data analysis and initiate a data transfer.

Data Transfer Using USB Cable







The meter transfers the data to the software.

Overview

You can wirelessly and automatically synchronize your diabetes information with a mobile device. The process of creating a connection between the meter and the other device is called pairing. You need an application on your mobile device that can accept the meter's data.

Setting	Options	Function
Flight Mode	On / Off	Select whether wireless communication is available.
		On – wireless communication is not available.
		Off – wireless communication is available.
Default Device	List of devices paired with the meter	If more than 1 device is paired, select the device with which the Auto-Send and Sync Time features will communicate.
Auto-Send	On / Off	Select whether data is automatically sent to the default paired device after each test.
		On – data is automatically sent to the default paired device.
		Off – data is not automatically sent to the default paired device.

Setting	Options	Function
Sync Time	On / Off	Select whether to synchronize the time and date to the default paired device.
		On – the time and date on the meter synchronize to the time and date on the default paired device.
		Off – the time and date on the meter do not synchronize to the time and date on the default paired device.
Pairing	Pair Device / Delete Pairing	Select whether to pair a device or to delete a paired device.



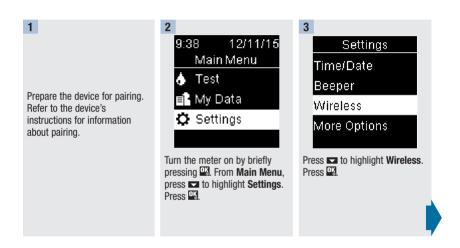
First-Time Pairing

The steps below are for first-time pairing.

Up to 5 devices can be paired with the meter at any time.

Each device must be paired with the meter one at a time.

The meter and the device to be paired should be within 1 meter of each other.



Wireless Communication and Meter Pairing 6

First-Time Pairing

4

Pair Device No paired device. Pair now? No Yes

Pair Device appears. To pair a device, press to highlight Yes. Press ...

5

Pair Device 123456 Enter code on device.

The meter displays its code.

6

The mobile device displays a list of found devices. including the meter. Select the meter from the list. When prompted, enter the code displayed on the meter from Step 5 into the device to be paired.

7

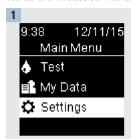


When pairing is complete, \checkmark and the name of the paired device appear.

Press to return to the previous menu.

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.



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



Press to highlight Wireless.



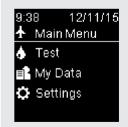
Flight Mode is highlighted.

4



Press \blacksquare or \blacksquare to highlight **On** or **Off**. Press \blacksquare to move \checkmark to the option.

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

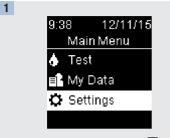


Main Menu with meter in Flight Mode.

Wireless Communication and Meter Pairing Default Device

Default Device

If more than 1 device is paired, select the default paired device for the **Auto-Send** and **Sync Time** features.



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

Press ☒.

4







A list of paired devices appears.

Press

to highlight the device you want as the default device.

Press

to move

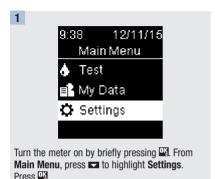
to the option.

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

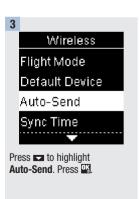
Auto-Send

Select whether data is automatically sent to the default paired device after each test.

option.







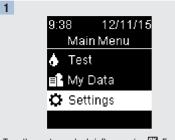


Press up to set the option and return to the previous menu.

6 Wireless Communication and Meter Pairing

Sync Time

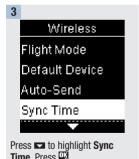
Select whether to synchronize the time and date to the default paired device.

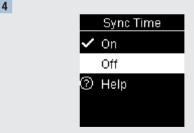


Turn the meter on by briefly pressing ☒. From Main Menu, press ☒ to highlight Settings.

Press ☒.







Press \blacksquare or \blacksquare to highlight **On** or **Off**. Press \blacksquare to move \checkmark to the option.

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

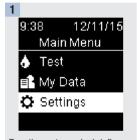
Pairing Additional Devices

This procedure is to add another paired device (assumes there is already 1 paired device).

You can pair 5 devices.

If you have 5 paired devices, you must delete a pairing before you can add another device.

The device you choose remains the default until you change it.



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







Yes

6

Pairing Additional Devices

Pairing
Pair Device
Delete Pairing
(2) Help

Press or to highlight Pair Device. Press .

If there are less than 5 paired devices:

Pair Device appears. Proceed to Step 5.

Pair Device Maximum paired devices. Delete pairing? No

If there are already 5 paired devices:

Maximum paired devices appears. You must delete a paired device before you can proceed to Step 5. Press

o

to select Yes. Press

☐ Delete Pairing
Device1234
Device2345
Device3456
Device4567

Press or to highlight the device to delete. Press of.

Proceed to Step 5.

5

Prepare the other device for pairing. Refer to the other device's instructions for information about pairing.

Pair Device
123456

Enter code on device.

The meter displays its code.

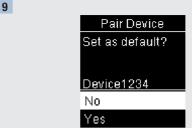
7

The mobile device displays a list of found devices, including the meter. Select the meter from the list. When prompted, enter the code displayed on the meter from Step 6 into the device to be paired.

Pairing Additional Devices



When pairing is complete, \checkmark and the name of the paired device appear. Press $\square \&$.



If there is more than 1 paired device, the meter asks if you want the new device to be the default device. Press

or

to highlight

No or Yes.

Press to set the option and return to Pairing.

Press to return to the previous menu.

6

Wireless Communication and Meter Pairing

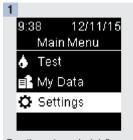
Delete Pairing

Delete Pairing

This procedure is to delete a paired device (assumes there is at least 1 paired device).

You can pair 5 devices. If you have 5 paired devices, you must delete a pairing before you pair to another device.

The device you choose remains the default until you change it.



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

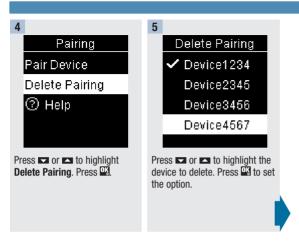


Press \blacksquare to highlight Wireless. Press \blacksquare .



Press **t** to highlight **Pairing**. Press **t**.

Delete Pairing



Delete Pairing

6

Delete Pairing Deleted: Device1234

If the selected device is not the default device:

The pairing is deleted. The name of the deleted device and
✓ appear.

Delete Pairing Press OK to choose new default device.

If the selected device is the default device:

The meter prompts you to select a new default device. If there is only 1 device remaining, it becomes the default device. The list of paired devices appears.



Highlight the new default device and press ☒. The name of the deleted device and ✓ appear, along with the new default device.



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.

Changing the Batteries



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 B button. Remove the old batteries.



Slide the new batteries under the black tabs and B 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.

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Meter Maintenance and Troubleshooting

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 Roche,



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

- · Batteries are dead.
- Insert new batteries.
- . Display is damaged. / Meter is defective.

Contact Roche.

Extreme temperatures.

Move the meter to a more temperate area.



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

EITHER remove the USB cable and perform a test OR remove the test strip and start a data transfer.



The connection between the meter and PC was lost.

Disconnect and reconnect the USB cable and retry the connection. Contact Roche if the connection is lost again.

Connect USB cable to continue.

There is no connection between the meter and PC. Connect the USB cable and retry the connection.

∧ Transfer Failed

Ensure paired device is within range and turned on.

Blood glucose results were not transferred to a paired device.

Make sure the paired device is within range of the meter and turned on

∆ Connection Failed

Check PC or USB cable.

Data could not be transferred from the meter to the PC.

Check the PC or USB cable.

____Transfer Not Allowed

Wireless communication not allowed in flight mode.

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

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

__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 measurement range.

AResults 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.



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

▲ Flight Mode Active

Wireless is off. Pairing is not allowed.

Pairing to a device cannot be performed while in Flight Mode. Retry pairing when the meter is not in Flight Mode.

Not Complete

Transfer still pending.Ensure paired device is within range and turned on.

The blood glucose result has not been sent to the default paired device. The transfer is still pending.

Place meter and paired device closer together.



Retry pairing.

The meter was unable to pair with a device.

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.

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 are out of power.

Change the batteries now. 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.

Meter Maintenance and Troubleshooting



The time and date setting may be incorrect.

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



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 Roche.



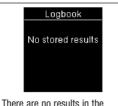
An electronic error has occurred.

Contact Roche.



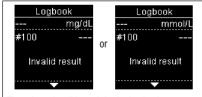


The meter time and date have been changed to match the paired device.

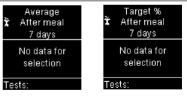




Logbook.



There is an invalid result in the Logbook.



There are no test results in range for the selected data

Target %

No data available. Enable target ranges to track target 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.

1 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.



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 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**.



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	
Measurement range	
Test strip storage conditions	
System operating conditions	
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	$80 \times 47 \times 20$ mm (LWH)
Weight	Approx. 40 g (with batteries)
Construction	Hand-held
Protection class	III
Meter type	The Accu-Chek Guide meter is suitable for continuous operation.
Control solution storage conditions	Refer to the control solution package insert.
Interfaces Continua	USB: micro-B connector; Continua Certified® to a Continua Certified manager.

R

Technical Information

Electromagnetic Compatibility – This meter meets the electromagnetic immunity 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. The meter's electromagnetic emission is thus low. Interference from the meter to 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 blood glucose meter conforms with the basic requirements and other relevant regulations of the European Directive; 1999/5/EC. The conformity declaration may be found at the following Internet address: http://declarations.accu-chek.com

Communication Protocol – The Accu-Chek Guide blood glucose meter is Continua Certified. Continua Certified signifies that this product complies with applicable IEEE 11073-10417 standards and that it has been tested and certified against the 2014 Continua Design Guidelines which include the Blood Glucose specification for Bluetooth Smart®, Bluetooth SIG, Glucose Profile, Version 1.0 and Bluetooth SIG, Glucose Service, Version 1.0.

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).
- Discard used batteries according to local environmental regulations.

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 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)



Manufacturer



Catalogue number



In vitro diagnostic medical device



Global Trade Item Number



Serial Number



This product fulfils the requirements of the European Directive 98/79/EC on in vitro diagnostic medical devices.



3-volt coin cell type CR2032

Additional Supplies

Test Strips: Accu-Chek Guide test strips

Control Solutions: Accu-Chek Guide control solutions

Information for Healthcare Professionals

♠ WARNING

Healthcare Professionals: Follow the infection control procedures appropriate for your facility. Refer to the test strip package insert for additional healthcare professional information.

Sample Handling

Always wear gloves when handling blood-contaminated items. Always adhere to the recognized procedures for handling objects that are potentially contaminated with human material. Follow the hygiene and safety policy of your laboratory or institution. Prepare the selected blood collection site per facility policy.

Refer to the test strip package insert for additional information regarding acceptable sample types, anticoagulants, and handling instructions.

Recommending Alternative Site Testing to Patients

Decisions about whether to recommend Alternative Site Testing (AST) should take into account the motivation and knowledge level of the patient and his or her ability to understand the considerations relative to diabetes and AST. If you are considering recommending AST for your patients, you need to understand that there is a potential for a significant difference between fingertip or palm test results and test results obtained from the forearm or upper arm. The difference in capillary bed concentration and blood perfusion throughout the body can lead to sample site-to-site differences in blood glucose results. These physiological effects vary between individuals and can vary within a single individual based upon his or her behavior and relative physical condition.

Our studies involving alternative site testing of adults with diabetes show that most persons will find their glucose level changes more quickly in blood from the fingertip or palm than in blood from the forearm or upper arm. This is especially important when blood glucose levels are falling or rising rapidly. If your patient is used to making therapy decisions based upon fingertip or palm test results, he or she should consider the delay, or lag time, affecting the test results obtained with blood from the forearm or upper arm.

Guarantee

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

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