BAYER

Contour® next link 2.4

Wireless Blood Glucose Monitoring System

NO CODING®

Medtronic

Uses only CONTOUR®NEXT blood glucose test strips from Bayer

USER GUIDE

INTENDED USE

The CONTOUR®NEXT LINK 2.4 wireless blood glucose monitoring system from Bayer (meter, test strips and control solution) is intended for self-testing by persons with diabetes to monitor glucose concentrations for the quantitative measurement of glucose in fresh capillary whole blood drawn from the fingertip or palm. **It is intended for *in vitro* diagnostic use only**. The clinical utility of this device is that it may be used as an aid to monitor the effectiveness of a diabetes control program.

The CONTOUR NEXT LINK 2.4 wireless blood glucose monitoring system is intended to be used to transmit glucose values and send a remote bolus to compatible MiniMed 640G Insulin Pump and facilitate transfer of information to Medtronic CareLink® Software through use of radio frequency communication.

The CONTOUR NEXT LINK 2.4 wireless blood glucose monitoring system from Bayer is not intended for the diagnosis of or screening for diabetes mellitus and it is not intended for use on neonates.

The CONTOUR NEXT LINK 2.4 wireless blood glucose monitoring system is intended for single-patient use only and should not be shared.

IMPORTANT SAFETY INFORMATION

⚠ WARNINGS

Serious Illness

- Capillary (fingerstick or Alternative Site) blood glucose testing may not be clinically appropriate when peripheral flow is decreased. Shock, severe hypotension, hyperosmolar hyperglycaemia, diabetic ketoacidosis, and occurrence of severe dehydration are examples of clinical conditions that may adversely affect the measurement of glucose in peripheral blood.[1-3]
- Keep out of reach of children. This kit contains small parts which could cause suffocation if accidentally swallowed.

Talk to Your Health Care Professional

- Before setting any Target ranges or High or Low Alerts on your meter.
- Before changing your medication based on test results.
- If your blood sugar reading is under 2.8 mmol/L, follow medical advice immediately.
- If your blood sugar reading is over 13.9 mmol/L, wash and dry your hands well and repeat the test with a new strip. If you get a similar result, call your health care professional as soon as possible.
- About whether Alternative Site Testing (AST) is appropriate for you.

Potential Biohazard

- Always wash and dry your hands well with soap and water before and after testing, handling the meter, lancing device or test strips.
- The meter, lancing device and lancets are for single person use. Do not share them with anyone including other family members. Do not use on multiple persons.
- All parts of this kit are considered biohazardous and can potentially transmit infectious diseases, even after you have performed cleaning and disinfection. For instructions, please see Cleaning and Disinfection, page 62.
- The lancing device provided by Bayer is intended for self-testing by a single patient. It must not be used on more than one person due to the risk of infection.

- Use a new lancet each time you test because it is no longer sterile after use.
- Always dispose of test strips and lancets as medical waste or as advised by your health care professional. All products that come in contact with human blood should be handled as if capable of transmitting infectious diseases.

PRECAUTIONS

- Read your CONTOUR®NEXT LINK 2.4 user guide, the lancing device package insert, your MiniMed® pump user guide and all instructional materials provided in your meter kit before testing. Please follow all instructions for use and care exactly as described to help avoid inaccurate results.
- Examine product for missing, damaged, or broken parts. If the test strip bottle is open inside a new box of strips, do not use those strips. For replacement parts, contact Customer Service. Please see back cover for contact information.
- The CONTOUR®NEXT LINK 2.4 meter from Bayer only works with CONTOUR®NEXT test strips and CONTOUR®NEXT control solutions.
- Always keep the CONTOUR NEXT test strips in their original bottle. Tightly close the bottle immediately after removing a test strip. The bottle is designed to keep the test strips dry. Avoid exposing meter and test strips to excessive humidity, heat, cold, dust, and dirt. Exposure to room humidity from leaving the bottle open or not storing the strips in their original bottle can damage your test strips. This could lead to inaccurate results. Do not use a test strip that appears damaged or has been used.
- Check the expiry dates on your test strips and control solution. Do not use the test strips or control solution if the expiry date printed on the bottle label and carton has passed. This can cause inaccurate results. For the control solution, do not use if it has been 6 months since you first opened the bottle. After first opening the bottle, write the 6-month discard date on the control solution label.
- If your control solution test result is out of range, contact Customer Service. Please see back cover for contact information. Do not use the meter for blood glucose testing until you resolve this issue.
- The meter has been designed to give accurate results at temperatures between 5° to 45°C. If you are outside this range, you should not test. Whenever the meter is moved from one location to another, allow approximately 20 minutes for the meter to adjust to the temperature of the new location before performing a blood glucose test.
- Do not perform a blood glucose test when the CONTOUR NEXT LINK 2.4 meter is connected to a computer.
- Use only approved cables or wall charger from the manufacturer or a 5V charger approved by a certified body such as UL, TUV or CSA.
- The CONTOUR®NEXT LINK 2.4 meter from Bayer has been preset and locked to display results in mmol/L (millimoles of glucose per litre of blood).
  - Results in mmol/L will **always** have a decimal point;
  - Results in mg/dL will **never** have a decimal point.

    Example: 5.2 mmol/L or 93 mg/dL
  - Check your display screen to be sure the results are shown the right way. If not, please see Customer Service contact information on the back cover of this user guide.
- The CONTOUR NEXT LINK 2.4 wireless blood glucose monitoring system from Bayer has a measuring range of 1.1 mmol/L to 33.3 mmol/L.
  - For results under 1.1 mmol/L or over 33.3 mmol/L;
    - If your blood sugar reading is under 1.1 mmol/L, the "**Follow Medical Advice Immediately**" screen will display and the meter will beep twice. Contact your health care professional.

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- If your blood sugar reading is over 33.3 mmol/L the next screen will tell you to retest. The meter will beep twice. If results are still over 33.3 mmol/L, "**Follow Medical Advice Immediately**" is displayed.

- Please be aware that USB ports in some computers and self-powered USB hubs can become much warmer than the room. A USB extension cable is available. If you wish to test immediately after disconnecting from your computer, please use the USB cable to protect the meter from exposure to heat created by the computer.

CAUTION: Your CONTOUR®NEXT LINK 2.4 meter only works with CONTOUR®NEXT test strips and CONTOUR®NEXT control solutions.

Rechargeable Battery

The CONTOUR NEXT LINK 2.4 meter from Bayer has a rechargeable battery. You must charge your battery before you can use your meter and you cannot do a blood sugar test while the battery is charging.

Charge Your Meter Using a Wall Outlet or a Computer

- Remove USB cap.
- Insert the meter USB plug into the wall charger* or use the USB extension cable.

The meter is fully charged when the test strip port light stops flashing and turns off.

* Wall charger may not be included in all meter kits. Contact Customer Service for information on obtaining a wall charger.

CAUTION: Do not perform a blood glucose test when your meter is connected to an external device, e.g., computer.

NOTE: Your meter can Rapid Charge. After 1 minute of charging, you can unplug the meter and run one blood sugar test, if needed.

A USB extension cable is included for your convenience.

OR

- Remove USB cap.
- Insert the meter USB plug into your computer or use the USB extension cable.
- Be sure your computer is turned on and not in sleep, hibernate, or power save mode.

CAUTION: Please be aware that USB ports in some computers and self-powered USB hubs can become much warmer than the room. If you wish to test immediately after disconnecting from your computer, please use the USB cable to protect the meter from exposure to heat created by the computer.

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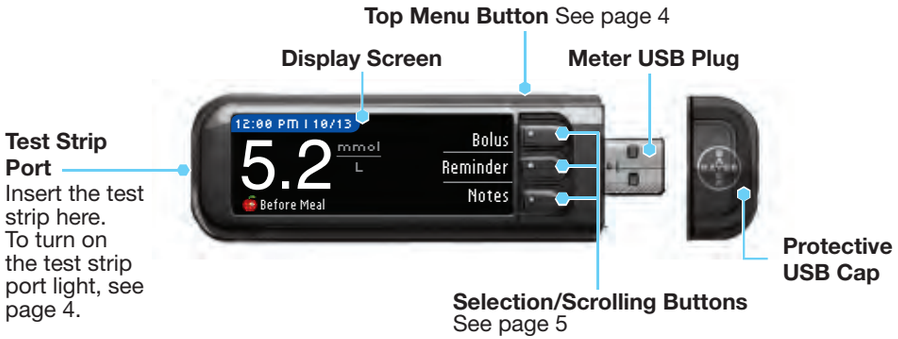
Getting Started

Your CONTOUR®NEXT LINK 2.4 Wireless Blood Glucose Monitoring System From Bayer

The CONTOUR NEXT LINK 2.4 wireless blood glucose monitoring system from Bayer works with CONTOUR®NEXT test strips from Bayer.



WARNING

Keep out of reach of children. Accidental swallowing could cause suffocation.

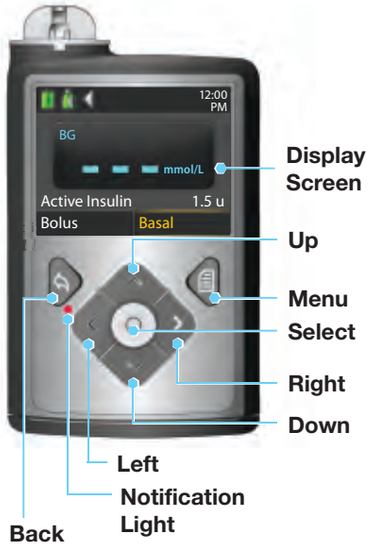
Your CONTOUR NEXT Test Strip

Grey Square End
Insert this end into the test strip port with the grey end facing up.

Sample Tip
Blood sample pulled in here.

CAUTION: Your CONTOUR NEXT LINK 2.4 meter only works with CONTOUR NEXT test strips and CONTOUR®NEXT control solutions!

“Talks” to Your Compatible MiniMed® Pump



Your CONTOUR®NEXT LINK 2.4 meter can automatically send your blood glucose result or a bolus directly to your MiniMed insulin pump, if your meter and pump are linked. This eliminates the need to manually enter a bolus or your blood glucose result into your pump. Up to 3 CONTOUR NEXT LINK 2.4 meters can be connected to your MiniMed insulin pump. To use the meter link feature, your CONTOUR NEXT LINK 2.4 meter and MiniMed insulin pump must be within 1.83 meters of each other. If you are not using the meter link feature, you may want to set the Send option to Never on your CONTOUR NEXT LINK 2.4 meter to save battery power.

Meter Overview

Turning the Meter On or Off

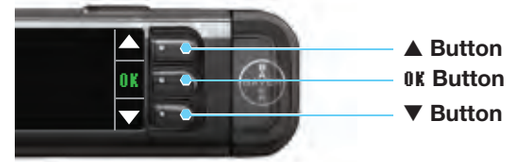
- Press and hold the top **Menu** button to turn the meter on or off.
- Insert a test strip to turn the meter on.
- Meter turns off after 3 minutes of inactivity.

Using the Top Menu Button

The top **Menu** button has three functions:

- **To turn the meter on/off**, press and hold the top **Menu** button.
- **To go back one screen** from most screens, press the top **Menu** button once.
- **To turn on/off the test strip port light**, quickly press the top **Menu** button two times.

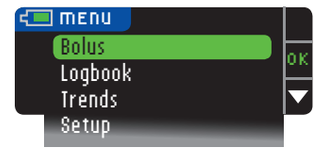
Using the Selection/Scrolling Buttons



- The three buttons next to the screen allow you to make your selection by pressing the button next to your choice.
- Scroll up or down for additional choices when the ▲ or ▼ arrows appear on the meter screen.
- When your choice is highlighted, make a selection by pressing **OK**.

NOTE: Press and hold the ▲ or ▼ button to scroll through the list faster.

Using the Main Menu



The Main Menu has four choices: Bolus, Logbook, Trends and Setup. Press the ▲ or ▼ button to scroll to your desired selection. When your choice is highlighted, press **OK**.

CAUTION: Unplug meter from charging source before beginning Setup.

Initial Setup

1. **Before use, fully charge your meter. See page iv.**

Turn On

2. Press and hold the top **Menu** button until the meter turns on. After a welcome screen, you see the **Language** choice screen.

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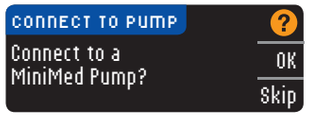
Set Language

3. Press the ▼ button to see more language choices. When your language is highlighted, press **OK**.

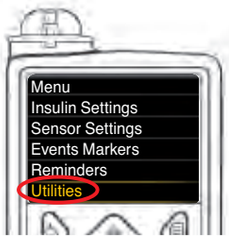
4. Press **OK** to confirm.
   If the correct language is not displayed, press **No**.

Connect to Pump



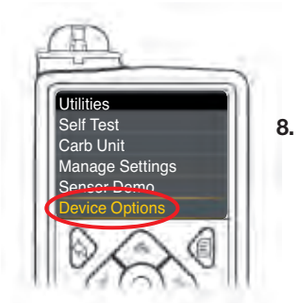
5. Press **OK** to connect to a MiniMed insulin pump now.
   If you press **Skip**, you will be asked to accept or change the date and time.
   To change, follow instructions starting on page 45, step 5. Return to Initial Setup, page 10, step 21, when set.

6. Press **OK**.



7. **Put the meter down and pick up your MiniMed insulin pump.**
   Press any button to turn the screen on.
   Press the **Menu** button.
   Use the down arrow to scroll to **Utilities**.
   Press Select button.

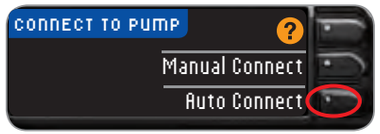
NOTE: If your pump screen turns off, press any button to turn back on.



8. In the Utilities menu, use the down arrow to scroll to **Device Options**.
   Press Select button.

9. In the Device Options menu, scroll to **Connect Device**.
   Press Select button.

10. Place the meter and pump next to each other.
    Select **Auto Connect** on your pump.



Select **Auto Connect** on your meter.
If you select **Manual Connect**, see page 38.

NOTE: If your meter is lost or stolen, delete the meter from your pump. See your MiniMed insulin pump user guide.

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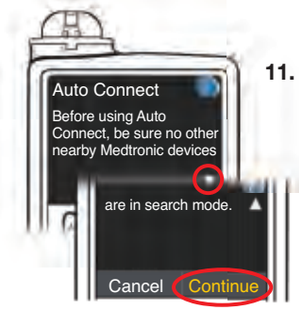
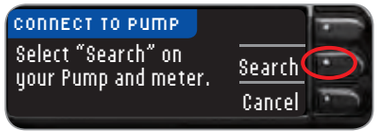
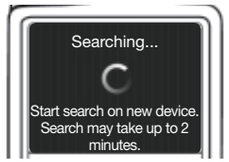


11. Read pump screen. Be sure other nearby Medtronic devices are NOT in search mode. Use the down arrow to scroll to the next page.
Use arrow buttons to scroll to **Continue**.
Press Select button.

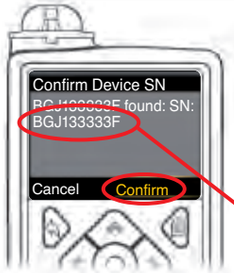
12. Select **Search** on your pump.



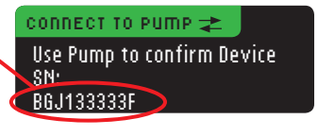
Select **Search** on your meter.



The search may take up to 2 minutes.



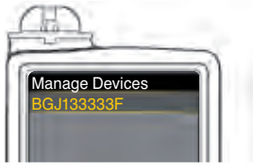
13. Check that the Device SN (serial number) on the **pump** screen matches the **meter** SN on the **meter** screen.
If they match, **Confirm** on the pump.
Press Select button.



When the pump links to the meter, the SN on the **meter** screen will change to a different serial number. This number is the **pump** SN.

14. Turn the pump over. Check that the SN on the back of the **pump** matches the **pump** serial number now on the **meter** screen.

15. The confirmation screen appears briefly on your pump.



The Manage Devices screen appears on your pump.

Then press **Next** on your meter.

Hold the back button on the pump until you see the home screen.

16. Put your pump down and pick up meter.

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3/20/14 10:03 AM

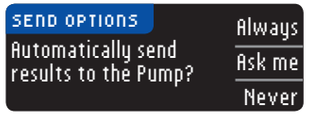
Meter Send Options

17. After the meter and pump are connected, you set your **Send Options**. This controls how your meter sends blood glucose readings to your MiniMed insulin pump.

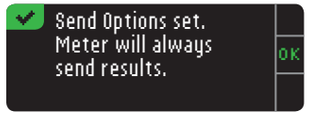
Your options are:

Always	Meter will always send results
Ask Me	Meter will ask you before sending results
Never	Meter will never send results

Press the **Send Option** that is best for you.



Your choice can be changed later using Setup (see page 42).



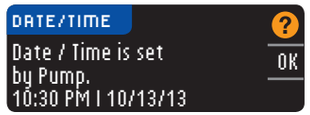
18. Press **OK**.

Date and Time Format

In this step, you select how the date and time are displayed on your meter. If you are not connected to a pump (e.g., if you pressed **Skip** in Step 5 of Initial Setup), you are asked to accept or change the displayed date, followed by the time.

NOTE: Your pump automatically controls the date and time. If they need to be changed on your pump, see your MiniMed insulin pump user guide. The date format you choose on the meter applies to the meter only.

19. The **Date Format** screen appears on your meter. Choose your date format.



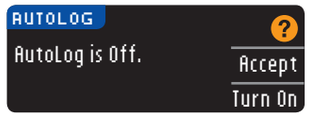
20. Press **OK**.

AutoLog

The AutoLog feature lets you mark your test result as

Fasting	Before Meal	After Meal	No Mark

Your meter comes preset with AutoLog turned OFF.



21. When the AutoLog screen appears, press **Accept** to keep AutoLog OFF. Or, to activate AutoLog, select **Turn On**.

High and Low Alerts

The High and Low Alert feature tells you when your test result is above or below the settings you choose. Results above High are marked High Blood Sugar. Results below Low are marked Low Blood Sugar. Alerts appear as large orange numbers.

⚠ WARNING

Talk to your health care professional before setting any High or Low Alerts on your meter.

Your meter comes preset with a high alert level of 13.9 mmol/L and a low alert level of 3.9 mmol/L. You can **Accept** or **Change** these levels.

NOTE: Alerts can only be set outside your selected Target Range(s). For additional information, you may contact Customer Service. Contact information for Customer Service is on the back cover.

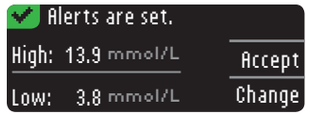
22. Select **Accept** to keep the preset alert levels. If you wish to change these alert levels, press **Change**.

NOTE: Your Target Ranges must be within your High and Low Alert levels. You set your Target Ranges next.

23. If you selected **Change**, press the ▲ or ▼ button to select your High Alert level. This can be set between 7.0 - 20.0 mmol/L. Press **OK**.

24. Press the ▲ or ▼ button to select your Low Alert level. This can be set between 3.0 - 5.5 mmol/L. Press **OK**.

NOTE: Press and hold the ▲ or ▼ button to scroll through the numbers faster.



25. The next screen confirms your choices. Press **Accept** to confirm your Alert settings.

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3/20/14 10:04 AM

Target Ranges

Next you are asked to accept your blood sugar Targets. Targets are your personal ranges for your blood sugar results. With AutoLog OFF, you have a single Target range. With AutoLog ON, you have Target ranges for Fasting, Before Meal, and After Meal.

NOTE: Targets can only be set inside your selected Alert level(s). For additional information, you may contact Customer Service. Contact information for Customer Service is on the back cover.

WARNING

Talk to your health care professional before setting any Target ranges on your meter.

26. If AutoLog is OFF, **Accept** or **Change** the preset blood sugar Target range. The preset range is 3.9 - 10.0 mmol/L.

If AutoLog is ON, **Accept** or **Change** the preset blood sugar range for Fasting, Before Meal, and After Meal screens. Each Target has an option to **Accept** or **Change**.

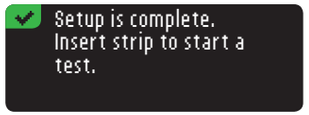
NOTE: As shown in the meter screen above, the preset values of 3.9-7.2 are based on ADA recommendations.[4]

The preset values based on Canadian Diabetes Association (CDA) recommendations are as follows:[5]

	Fasting	4.0 - 7.0 mmol/L
	Before Meal	4.0 - 7.0 mmol/L
	After Meal	5.0 - 10.0 mmol/L

27. To change the Targets press the ▲ or ▼ button until the desired Target is reached and then press **OK**. Press **Accept** on confirmation screen.

You can change these settings later by going to the Main Menu and selecting Setup. See page 49.



Initial Setup is complete. You may now test your blood sugar. See Testing, next page.

Testing

Getting Ready to Test

Read your CONTOUR®NEXT LINK 2.4 user guide, your MiniMed insulin pump user guide, the lancing device insert and all instructional materials provided in your meter kit before testing. Please follow all instructions for use and care exactly as described.

Examine product for missing, damaged, or broken parts. If the test strip bottle is open inside a new box of strips, do not use those strips. Contact Customer Service for replacement parts. Please see back cover for contact information.

CAUTION: Your CONTOUR®NEXT LINK 2.4 meter only works with CONTOUR®NEXT test strips and CONTOUR®NEXT control solutions.

Have all the materials you need ready before you begin testing. This includes your CONTOUR NEXT LINK 2.4 meter, CONTOUR NEXT test strips, and the lancing device and lancets provided by Bayer. You may also need CONTOUR NEXT control solution to perform a quality control check. CONTOUR NEXT control solutions are available separately if not included in the meter kit.

- Do not perform a blood glucose test when your meter is connected to an external device, e.g., computer.
- Use only approved cables or wall charger from the manufacturer or a 5V charger approved by a certified body such as UL, TUV or CSA.

Preparing the Lancing Device provided by Bayer

The lancing device graphics are for illustration purposes only. Your lancing device may look different. Refer to your lancing device insert for detailed instructions on preparing the lancing device.

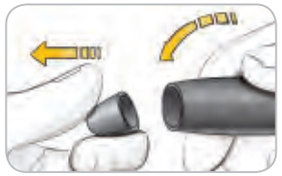
WARNING: Potential Biohazard

The lancing device is intended for self-testing by a single patient. It must not be used on more than one person due to the risk of infection.

WARNING

- **Dispose of the used lancet as medical waste or as advised by your health care professional.**
- **Do not reuse lancets. Use a new lancet each time you test.**

Read the lancing device insert for complete instructions. If you are using a different lancing device, see that manufacturer's instructions for use. For Alternative Site Testing instructions, see page 18.



1. Remove the endcap from the lancing device. Hold the endcap dial and gently snap off the endcap from top to bottom.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v1.indd 12-13
4/15/14 11:45 AM

2. Loosen the round protective cap on a lancet by rotating it ¼ turn, but do not remove it.

3. Insert the lancet firmly into the lancing device until it comes to a full stop.

4. Twist off the round protective lancet cap. Save it for disposing of the used lancet.

5. Replace the endcap.

6. Rotate the endcap dial to adjust the puncture depth. The amount of pressure applied to the puncture site also affects puncture depth.

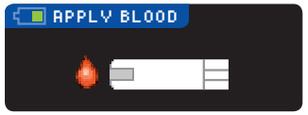
Preparing the Test Strip

⚠ WARNING

Always wash your hands with soap and water and dry them well before and after testing, handling the meter, lancing device or test strips.

1. Remove a CONTOUR®NEXT test strip from the bottle. **Tightly close the bottle lid immediately after you have removed the test strip.**

2. Hold the test strip with the grey square end facing up.
3. Insert the grey square end into the test strip port until the meter beeps (if the Sound is set to ON).

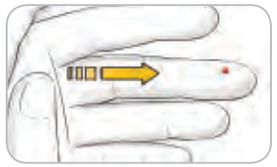


You will see the **Apply Blood** screen. The meter is now ready for you to test.

NOTE: After test strip is inserted, if you do not apply blood to the test strip within 1 minute, the meter screen will dim and the meter will beep. Press any button and the Apply Blood screen will become bright again. After a total of 3 minutes of inactivity the meter will turn off.

Getting the Blood Drop — Fingertip Testing

1. Press the lancing device firmly against the puncture site and press the release button.



2. Stroke your hand and finger toward the puncture site to form a drop of blood. Do not squeeze around the puncture site.

3. Test immediately after a good drop of blood has formed.

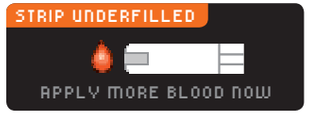
4. Immediately touch the tip of the test strip to the drop of blood. The blood is pulled into the test strip through the tip.

Hold the tip of the test strip in the blood drop until the meter beeps.

Do not press the tip against the skin or place the blood on top of the test strip or you could get inaccurate results or errors.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 14-15
3/20/14 10:04 AM

Apply More Blood



If the first blood drop is not enough, the meter will beep twice and display "**STRIP UNDERFILLED**" and "**APPLY MORE BLOOD NOW**." You have about 30 seconds to apply more blood to the same strip.

If you do not re-apply enough blood within about 30 seconds, you will see a screen telling you to remove the strip and repeat with a new strip.

Test Results

Testing With AutoLog Off

After applying blood to the test strip when AutoLog is turned OFF, your result will appear after the 5 second countdown.

If **Always** was selected in Send Options during Setup, your result is automatically sent to your pump. If **Never** was selected in Send Options, you will not have the option to send the result to your pump. If **Ask Me** was selected in Send Options, you can choose to send your result to your pump after each blood sugar test. Press **Send** or **Don't Send**. If **Send** is chosen, press **OK** on the Send confirmation screen.

Leave the test strip in the meter to send a bolus to your pump (see page 25), set an optional reminder for your next test (see page 28), or add a note (see page 30).

If you are done, remove the test strip from the meter. Press and hold the top **Menu** button to turn off the meter. The meter also turns off after 3 minutes of inactivity.

CAUTION: Always check the display on your pump to ensure that the glucose result shown agrees with the glucose result shown on the meter.

Testing With AutoLog On

After you apply blood to the test strip, use the ▼ to select **Fasting**, **Before Meal**, **After Meal**, or **No Mark**, and then press **OK**. (Scroll down to see **No Mark**.)

NOTE:

- **Your test result does not display until you make an AutoLog selection.**
- **If your result is above or below your High or Low Alert settings, you will see your result without pushing a button.**

Fasting	The Fasting marker can be used when testing blood sugar levels after going without food and sugared drink for 8 hours.
Before Meal	The Before Meal marker can be used when testing blood sugar levels within 1 hour before a meal.
After Meal	The After Meal marker can be used when testing blood sugar levels within 2 hours after a meal.
No Mark	You can select **No Mark** if you are testing at times other than before or after a meal or fasting.

If you make your AutoLog selection very quickly, you may see the remainder of the testing countdown.

Your test result appears as a large number and then changes to the usual test result screen.

If **Always** was selected in Send Options during Setup, your result is automatically sent to your pump. If **Never** was selected in Send Options, you will not have the option to send the result to your pump. If **Ask Me** was selected in Send Options, you can choose to send your result to your pump after each blood sugar test. Press **Send** or **Don't Send**. If **Send** is chosen, press **OK** on the Send confirmation screen.

Select **Bolus** to send a bolus to your pump. Select **Reminder** to set a reminder for your next test. Select **Notes** to add more information to the result.

If you are done, remove the test strip. To turn off the meter, press and hold the top **Menu** button. Or, after 3 minutes of inactivity, the meter turns off automatically.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 16-17
3/20/14 10:04 AM

Alternative Site Testing (AST) – Palm

⚠ WARNING
- **Ask your health care professional if Alternative Site Testing is right for you.**
- **Do not calibrate your continuous glucose monitoring device from an AST result.**
- **Do not calculate a bolus based on an AST result.**

IMPORTANT: For Alternative Site Testing, use the clear endcap on your lancing device provided by Bayer. Your CONTOUR®NEXT LINK 2.4 meter can be used for fingertip or palm testing. See the lancing device insert for complete instructions in Alternative Site Testing.

IMPORTANT: Do not use AST under the following conditions:
- If you think your blood sugar is low
- When blood sugar is changing rapidly (after a meal, insulin dose, or exercise)
- If you are unable to feel symptoms of low blood sugar (hypoglycaemic unawareness)
- If you get alternative site blood sugar results that do not agree with how you feel
- During illness or times of stress
- If you will be driving a car or operating machinery

Alternative Site test results may be different from fingertip results when glucose levels are changing rapidly (e.g., after a meal, after taking insulin, or during or after exercise). Additionally, glucose levels may not rise as high or fall as low as levels in the fingertip. As such, fingertip testing results may identify hypoglycaemic levels sooner than alternate site results.

Alternative Site Testing is recommended only when it is more than 2 hours after a meal, diabetes medication, or exercise.

If you do not have a clear endcap to perform AST, contact Customer Service. Please see back cover for contact information.

Getting a Blood Drop for Alternative Site Testing

1. Wash your hands and the puncture site with soap and warm water. Rinse and dry well.
2. Attach the clear AST endcap to the lancing device provided by Bayer. **Refer to the lancing device insert for detailed instructions.**

3. Select a puncture site from a fleshy area on the palm. Avoid veins, moles, bones and tendons.

4. Press the lancing device firmly against puncture site and then press the release button.

The lancing device graphics are for illustration purposes only.

5. Maintain steady pressure until a small, round blood drop forms.

6. Lift the device straight up and away from the skin without smearing the blood.

7. Test immediately after you have formed a small, round blood drop.
   Immediately touch the tip of the test strip to the drop of blood. The blood is pulled into the test strip through the tip.

Do not test the blood sample from palm if you get:
- Smeared blood
- Clotted blood
- Runny blood
- Clear fluid mixed with the blood

8. Hold the tip of the test strip in the blood drop until the meter beeps. Do not press the tip against the skin or place the blood on top of the test strip or you could get inaccurate results or errors.

If the first blood drop is not enough, the meter will beep twice and display "**STRIP UNDERFILLED**" and "**APPLY MORE BLOOD NOW.**" You have about 30 seconds to apply more blood to the same strip.

If you do not apply more blood within about 30 seconds, remove the strip and repeat with a new strip.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 18-19
3/20/14 10:04 AM

9. If you have the AutoLog feature turned ON, the AutoLog screen appears. Select **Fasting**, **Before Meal**, **After Meal**, or **No Mark** by pressing the **OK** button when your selection is highlighted. Scroll down to see **No Mark**.

NOTE:
- **Your test result does not display until you make an AutoLog selection.**
- **If your result is above or below your High or Low Alert settings, you will see your result without pushing a button.**

If **Always** was selected in Send Options during Setup, your result is automatically sent to your pump. If **Never** was selected in Send Options, you will not have the option to send the result to your pump. If **Ask Me** was selected in Send Options, you can choose to send your result to your pump after each blood sugar test. Press **Send** or **Don't Send**. If **Send** is chosen, press **OK** on the Send confirmation screen. You can change your send option at any time using the Setup Menu (see page 42).

⚠ WARNING
- **Do not calculate a bolus based on an AST result.**
- **Do not calibrate your continuous glucose monitoring device from an AST.**

If you are done, remove the test strip from the meter. Press and hold the top **Menu** button to turn off the meter. The meter also turns off after 3 minutes of inactivity.

Ejecting and Disposing of the Used Lancet

1. Do not use your fingers to remove the lancet from the lancing device. Your Bayer device has an automatic lancet ejection feature.
2. **Refer to the separate lancing device insert provided by Bayer for instructions on automatic ejection of the lancet.**

⚠ WARNING
- **Dispose of the used lancet as medical waste or as advised by your health care professional.**
- **Do not reuse lancets. Use a new lancet each time you test.**

⚠ WARNING: Potential Biohazard
- **Always dispose of test strip and lancet as medical waste or as advised by your health care professional. All products that come in contact with human blood should be handled as if capable of transmitting infectious diseases.**
- **Please refer to your lancing device package insert for instructions on how to properly remove and dispose of the lancet.**

Test Results — Expected Values

Blood glucose values will vary depending on food intake, medication dosages, health, stress, or activity. Non diabetic plasma glucose concentrations are normally maintained within a relatively narrow range, approximately 3.9 - 6.1 mmol/L in a fasting state.[6]

⚠ WARNING

You should consult your health care professional for glucose values specific to your needs.
- **If your blood sugar reading is under 2.8 mmol/L, follow medical advice immediately.**
- **If your blood sugar reading is over 13.9 mmol/L, wash and dry your hands well and repeat the test with a new strip. If you get a similar result, follow medical advice immediately.**
- **Always consult your health care professional before changing your medication based on test results.**

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 20-21
3/20/14 10:04 AM

High and Low Blood Sugar Alert Screens

Your meter has been preset with a low blood sugar (hypoglycaemia) value of 3.9 mmol/L and a high blood sugar (hyperglycaemia) value of 13.9 mmol/L. These are the preset values, but can be customized by you and/or your health care professional. You can change the High and Low Alert levels under Main Menu, Setup option (see page 51).

If your blood sugar reading is under your low blood sugar alert level:

- A screen with large orange numbers alerts you that your blood sugar is low.

If your blood sugar reading is over your high blood sugar alert level:

- A screen with large orange numbers alerts you that your blood sugar is high.

- If AutoLog is ON and you did not mark your result before the high or low alert appeared, select **Notes**.

- Press the ▲ or ▼ button to scroll through the choices.
- Press **OK** when your choice is highlighted.

Testing in the Dark

Your meter has a lighted test strip port to help you test in the dark.

- With the meter off, give the top **Menu** button two quick presses to turn on the test strip port light.
- Insert a test strip and the display screen appears.
- Once blood is applied to the test strip, the light goes off.
- Continue with your test.
- Two quick presses of the top **Menu** button also turns off the light.

Control Solution* Testing

⚠ WARNING

Shake the control solution well before testing.

CAUTION: Use only CONTOUR®NEXT control solution from Bayer (Normal, Low and High) with your CONTOUR®NEXT LINK 2.4 blood glucose monitoring system. Using anything other than CONTOUR NEXT control solution can cause inaccurate results.

* Control solution may not be included in all meter kits. Contact Customer Service for information on obtaining control solution. See back cover for Customer Service contact information.

Quality Control

- Shake the control solution bottle well, about 15 times before every use.
- Unmixed control solution may cause inaccurate results.

You should perform a control test when:

- using your meter for the first time
- you open a new bottle or package of test strips
- you think your meter may not be working correctly
- you have repeated, unexpected blood glucose results

⚠ WARNING

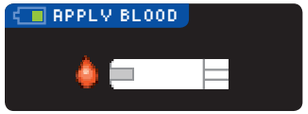
- **Do not calibrate your continuous glucose monitoring device from a control result**
- **Do not calculate a bolus based on a control result**

CAUTION: Check the expiry date on the test strip bottle and the expiry date and discard date on the control solution bottle. DO NOT use expired materials.

Normal, Low and High control solutions are available separately if not included in the meter kit. Always use CONTOUR NEXT control solutions from Bayer. Other brands could present incorrect results. If you need help locating CONTOUR NEXT control solutions from Bayer, contact Customer Service. Please see back cover for contact information.

1. Remove the test strip from the bottle and firmly snap the lid closed.

2. Hold the test strip with the grey square end facing up.
3. Insert the grey square end of the test strip into the test strip port until the meter beeps.



4. You will see the **Apply Blood** screen. The meter is now ready for you to test.

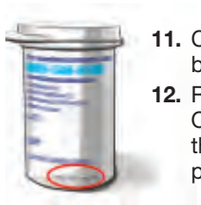
81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 22-23
3/20/14 10:04 AM

5. Shake the control solution bottle well, about 15 times before every use.
6. Remove the bottle cap and use a tissue to wipe away any solution around the bottle tip before dispensing a drop.
7. Squeeze a small drop of control solution onto a clean nonabsorbent surface.

Do not apply control solution to your fingertip or to the test strip directly from the bottle.

8. Immediately touch the tip of the test strip to the drop of control solution.
9. **Hold the tip in the drop until the meter beeps.**

10. The meter shows the AutoLog screen (if AutoLog is ON) but will sense control solution. The meter will count down for 5 seconds and the control test result will display on the meter. It automatically marks the result as a "Control Test" and stores it in memory. Control test results are not included in your blood sugar averages.



11. Compare your control test result with the range printed on the test strip bottle or the bottom of the test strip box.
12. Remove test strip. To turn the meter off, press and hold the **Menu** button, OR, after three minutes of inactivity, the meter turns off. Dispose of the used test strip as medical waste or as advised by your health care professional.

NOTE: Control test results that are marked as "Control Test" are not transmitted to the pump.

⚠ WARNING

- **If the control solution test result is out of range, the result may be transmitted to your pump when in "Always" send mode (see page 25).**
- **Do not send an out of range control result to your pump.**

CAUTION: If the result you get does not fall within the range listed on the test strip bottle label or carton, there may be a problem with the test strips, the meter or your testing technique.

If your control test result is out of range, do not use your CONTOUR®NEXT LINK 2.4 meter for blood glucose testing until you resolve the issue. Contact Customer Service. Please see back cover for contact information.

Features

Your CONTOUR®NEXT LINK 2.4 meter includes many testing features.

AutoLog (Marking Your Results)

Your meter comes with an AutoLog feature that lets you mark your test result as ○ Fasting, Before Meal, After Meal and No Mark.

Your meter comes with AutoLog OFF. If you would like to see your results when Fasting, Before Meal or After Meal, we recommend that you turn on this feature (see page 47).

If you have turned AutoLog ON in Setup, before your test result is displayed, the AutoLog screen appears. However, if your result is above your High Alert setting or below your Low Alert setting, you will always see your result in 5 seconds without pushing a button.

Sending Results to Your Pump

You can send your results to the pump during testing. During Initial Setup (Send Options) or in Setup (Pump Options - Send Options), choose **Ask Me** or **Always**.

If **Always** was selected in Send Options during Setup, your result is automatically sent to your pump. If **Never** was selected in Send Options, you will not have the option to send the result to your pump. If **Ask Me** was selected in Send Options, you can choose to send your result to your pump after each blood sugar test. Press **Send** or **Don't Send**. You can change your send option at any time using the Setup Menu (see page 42).

You must be connected to the pump to set your Send Options and to send your results.

Sending a Bolus to Your Pump

The Bolus function allows you to send a manual or preset bolus from your meter to your pump if your pump and meter are connected.

You can send a manual or preset bolus from your test results screen or from the Main Menu.

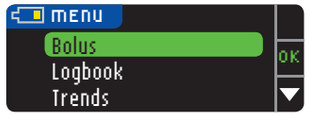
See your MiniMed insulin pump user guide for instructions on how to turn on/turn off Remote Bolus at your pump.

NOTE: To send a bolus from your meter, you must be connected to the pump AND the Remote Bolus feature must be turned ON at the pump. Remote Bolus is ON by default on the pump. See your MiniMed insulin pump user guide for more information.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 24-25
3/20/14 10:04 AM

If **Block Mode** is ON at the pump, you are asked if you want to proceed with the bolus. Block Mode is a MiniMed pump setting that restricts access to critical pump settings. Please see your MiniMed insulin pump user guide for more detailed instructions.

1. While the test result is still displayed on the meter, press **Bolus.**

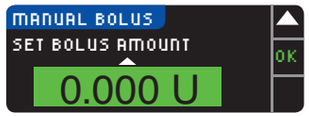


OR, from the Main Menu, press **Bolus**.

2. On the next screen, press **Manual Bolus** or **Preset Bolus**.
3. The Connecting to Pump screen appears.

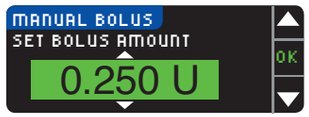
To send a Manual Bolus, continue with step 4, below.
To send a Preset Bolus, continue with step 4, page 27.

Manual Bolus



4. Next, choose the bolus amount.

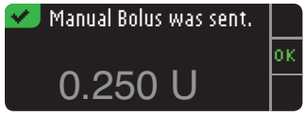
NOTE: Bolus increment setting on your meter is determined by the setting on your MiniMed insulin pump. You can set your increment to 0.1, 0.05, or 0.025 units *on your pump*.



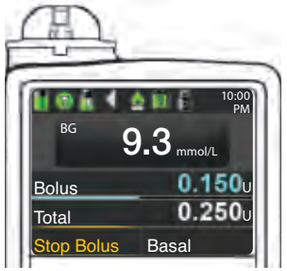
5. Press the ▲ or ▼ button to set the desired bolus amount. Then press **OK**.

NOTE: Press and hold the ▲ or ▼ button to scroll through the list faster.

6. Press **Yes** to send the bolus to your pump.



7. A confirmation screen appears on both your meter and your pump.



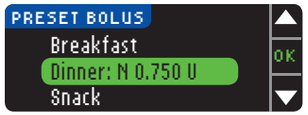
NOTE: Verify that the bolus amount shown on your meter matches the total amount shown on your pump.

Preset Bolus

First, follow Steps 1, 2 and 3 on page 26.

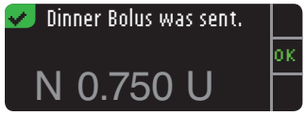
4. Next, choose the Preset Bolus you wish to send to your pump.

NOTE: Preset bolus is set on your pump.



5. Press the ▲ or ▼ button until your preset bolus choice is highlighted. Then press **OK**.

6. Press **Yes** to send the bolus to your pump.



7. A confirmation screen appears on both your meter and your pump.

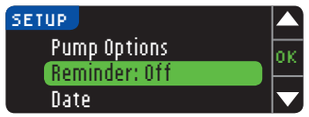
81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 26-27
3/20/14 10:04 AM

Test Reminders

A reminder for your next test can be set after testing OR from the Setup Menu (see page 43).
A reminder can be set in 15-minute increments from 15 minutes to 23 hours, 45 minutes.

Setting a Test Reminder

1. With the test strip still in the meter, press **Reminder**.



OR from the Setup Menu press the ▼ button to highlight **Reminder: Off**. Press **OK** to turn the Reminder ON.

2. Press **Start** to begin the countdown. The preset time is 2 hours or, if you have changed it, the last reminder time that you set is now the default.

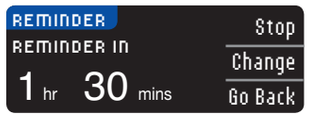
You can change the Reminder Countdown time by pressing **Change**.

Turning Off a Test Reminder

A reminder can be turned off or changed after testing or from the Setup Menu.

NOTE: If you do a blood sugar test within 15 minutes of a set reminder, the reminder turns off automatically.

1. Press **Reminder**. If the countdown is currently on, the screen will read "**Reminder In**" with the remaining amount of time displayed.

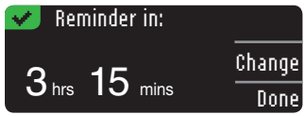


2. To stop the countdown, press **Stop**.
   A confirmation screen appears and the countdown stops.

Changing a Reminder Time

1. Press the ▲ or ▼ button to select the correct hours and minutes (in 15-minute increments).

2. Press **OK** after each selection.



A screen confirms the Reminder Countdown time.

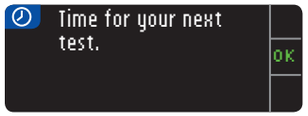
When the Reminder feature is on, the clock symbol appears in the headers on the Setup and Main Menu screens.

The meter retains the reminder time that you set until you change it or turn it off.

Getting a Reminder

When the reminder time is reached, 20 beeps will sound. The meter will turn on and a reminder screen will appear.

You can stop the beeps in two ways:



1. Press **OK**, insert a test strip and proceed with testing, OR
2. Insert a test strip and proceed with testing (see page 13).

NOTE: If you decide to test within 15 minutes before the reminder time, the countdown is stopped with the insertion of the test strip. Proceed with testing.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 28-29
3/20/14 10:04 AM

Notes

You may add notes to your test result that may help explain results. Your notes will be saved in the Logbook. The option to add a note is available only after a test result.

1. From the test result screen, press **Notes**.

2. Press the ▲ or ▼ button to scroll through the choices. Some may not be visible until you scroll down. Press **OK** when your choice is highlighted.

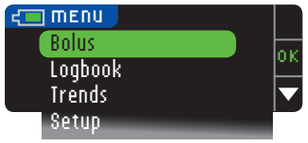
   A screen confirms your choice.

NOTE: When you choose After Meal, Time After Meal will be selectable. Select Time After Meal and then you can select times from 15 minutes to 3 hours.

After the confirmation screen disappears, you may remove the note or add one or more notes by repeating the steps above. The notes will scroll across the bottom so that you can read them all. While you can add more than one note, only one AutoLog option can be chosen (e.g., Fasting, Before Meal or After Meal).

Using the Main Menu

The Main Menu has 4 choices: Bolus, Logbook, Trends and Setup. To select one, press the ▲ or ▼ button to scroll to your desired selection. When your choice is highlighted, press **OK**.



Bolus

The Bolus function allows you to send a Manual or Preset Bolus from your meter to your pump if your pump and meter are connected.

You can send a bolus from the main menu or directly from your blood test result screen.

If your pump and meter are not yet connected and you select Bolus, you are asked if you want to connect to a pump. You can only send a bolus to the pump if you have enabled Remote Bolus on the pump.

If **Block Mode** is turned on at your pump, you will be asked if you want to proceed with the bolus. Block Mode is a MiniMed insulin pump setting that restricts access to critical pump settings. Please see your MiniMed insulin pump user guide for more detailed instructions.

NOTE: To send a bolus from your meter, you must be connected to the pump AND the Remote Bolus feature must be turned ON at the pump. Remote Bolus is ON by default on the pump.

For the steps on sending a bolus to your pump, see page 25.

Logbook

The Logbook contains blood sugar test results and notes that you have made to those test results. The Logbook will hold up to 1000 results. When the maximum is reached, the oldest test result will be removed as a new test is completed and saved to the Logbook. A sound indicates the last entry.

1. To review entries in the Logbook, press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight Logbook. Press **OK** to select.

3. You can scroll through all your stored test results using the ▼ button.

When you reach the oldest entry you will see the End of Logbook screen.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 30-31
3/20/14 10:04 AM

Trends (Averages and Summaries)

The Trends feature displays your averages and your results as they compare to your Targets, over a period of time that you select. The options available are 7, 14, 30 and 90 day averages. Your meter has been preset to 14 day averages, but you can change this under Trends Range in the Setup Menu (see page 51).

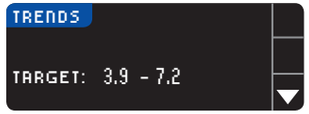
Your 90 day average is not intended to be reflective of your HbA1c result.

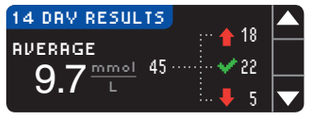
Your screen will display the total number of test results included in the average and the number of tests above ⬆, within ✔ and below ⬇ Target.

Viewing Trends With AutoLog Off

Your meter has been preset to 14 day averages. You can change the Trends time range to 7, 30, or 90 days in Setup.

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Trends**. Press **OK** to select.





3. Press the ▼ button to display the **14 Day Results** screen.

Viewing Trends With AutoLog On

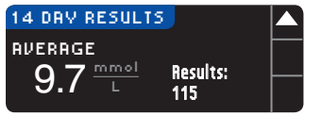
1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Trends**. Press **OK** to select.

3. Press the ▼ button to display the 14 Day Fasting Average. If you have marked any test results as Fasting, you will see your Fasting Average first.

4. Press the ▼ button to go to the 14 Day Before Meal Average.

This example shows that your Before Meal average is 7.1 mmol/L and 38 test results are included in the Before Meal average with 26 within ✔ the Target range, 8 above ⬆ the Target range and 4 below ⬇ the Target range.

5. Press the ▼ button to go to the 14 Day After Meal Average.

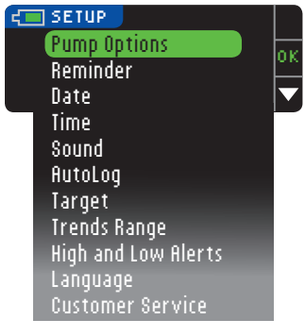


6. Press the ▼ button to go to the 14 Day Results screen.

Setup

You can view and change options on your meter and personalize it from the Setup Menu.

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.



The current settings in the meter for the **Reminder**, **Date**, **Time**, **Sound** and **AutoLog** can be viewed by scrolling through the Setup Menu items. To view the settings of the other items, or to make any changes to any of the items, you can select the item using the ▲ and ▼ keys and pressing **OK**.

Pump Options

Pump Options allows you to connect or disconnect from a MiniMed insulin pump and change your Send Settings (how your blood sugar readings are sent to your pump).

Connecting the Meter and Pump

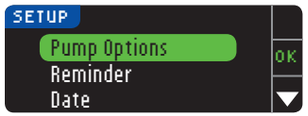
You can send blood sugar results and a remote bolus to your pump if your meter and pump are connected.

There are two ways to connect your meter to your pump: **Manual Connect** and **Auto Connect**. Use **Auto Connect** to quickly connect to your pump. Use **Manual Connect** if there are other Medtronic devices nearby. With **Manual Connect**, you will be prompted to enter the device (meter) serial number so the pump can find your meter. With **Auto Connect**, there is no need to enter a serial number. The meter and pump search for each other, and you just need to confirm the serial numbers to connect.

Connecting to the Pump Using Auto Connect

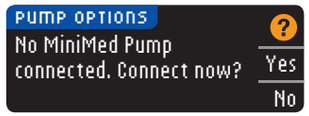
NOTE: Place your meter and your pump side by side before you begin the connection process. You need to alternate between both devices to complete the connection.

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.



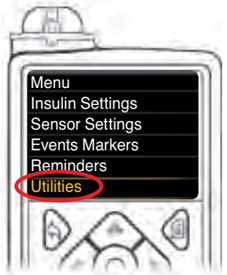
3. Press the ▼ button to highlight **Pump Options**. Press **OK** to select.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v1.indd 32-33
4/15/14 11:46 AM



4. The Connect to Pump screens appear next. Press **Yes** to connect to a MiniMed insulin pump now.

5. Press **OK**. **Put the meter down.**

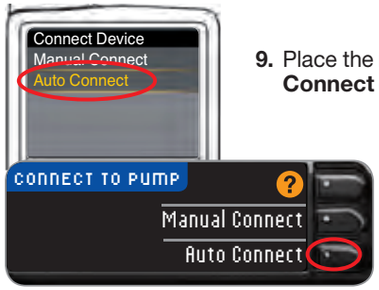


6. **Pick up your pump.** Press any button to turn the screen on, then press the **Menu** button. Use the down arrow to scroll to **Utilities**. Press Select button.

NOTE: If your pump screen turns off, press any button to turn it back on.

7. In the Utilities menu, use the down arrow to scroll to **Device Options**. Press Select button.

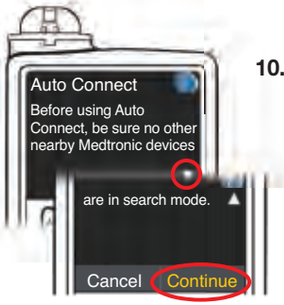
8. In the Device Options menu, scroll to **Connect Device**. Press Select button.



9. Place the meter and pump next to each other. Select **Auto Connect** on your pump.

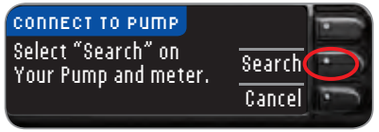
Select **Auto Connect** on your meter.

NOTE: With Auto Connect, the meter automatically searches for a pump. With Manual Connect, you enter your meter serial number into the pump. See page 38 for information about Manual Connect.



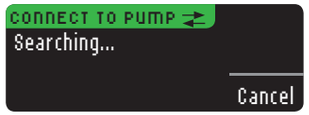
10. Read the pump screen. Be sure other nearby Medtronic devices are NOT in search mode. Use the down arrow to scroll to the next page. Use arrow buttons to scroll to **Continue**. Press Select button.

11. Place the meter and pump next to each other. Select **Search** on your pump.



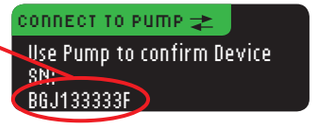
Select **Search** on your meter.

The search may take up to 2 minutes.



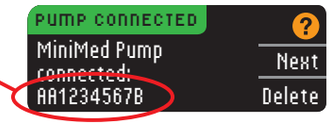
81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 34-35
3/20/14 10:04 AM

12. Check that the SN (serial number) on the **pump** screen matches the **meter** SN on the **meter** screen.
If they match, scroll to **Confirm** on the pump.
Press Select button ⊙.

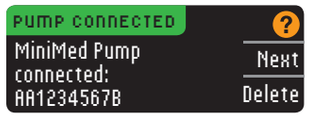


When the pump links to the meter, the SN on the **meter** screen will change to a different serial number. This number is the **pump** SN.

13. Turn the pump over. Check that the SN on the back of the pump matches the pump serial number now on the **meter** screen.



14. The confirmation screen briefly appears on your pump followed by the Manage Devices screen.



15. Then press **Next** on your meter.

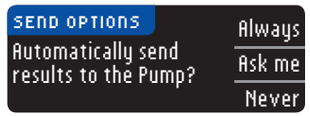
NOTE: To remove this pump, press Delete. The Connect to Pump process starts over to allow you to connect to a different pump.

16. Hold the back button on the pump until you see the home screen. Put down the pump and pick up the meter.

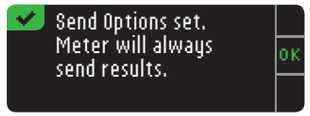
17. After the meter and pump are connected, you set your **Send Options**. This controls how your meter sends blood glucose readings to your MiniMed insulin pump. Choose the **Send Option** that is best for you.

Your options are:

Always	Meter will always send results
Ask Me	Meter will ask you before sending results
Never	Meter will never send results



Your choice can be changed later using Setup (see page 42).

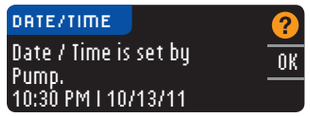


18. The next screen confirms your Send Option choice. Press **OK**.

In this step, you select how the date and time are displayed on your meter.

NOTE: Your pump automatically controls the date and time. If they need to be changed on your pump, see your MiniMed insulin pump user guide. The date format you choose on the meter applies to the meter only.

19. The **Date Format** screen appears. Choose your date format.



20. After making your choice, a confirmation screen appears. Press **OK** to confirm and return to the Setup Menu.

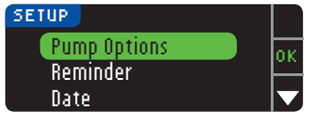
81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 36-37
3/20/14 10:04 AM

Connecting to the Pump Using Manual Connect

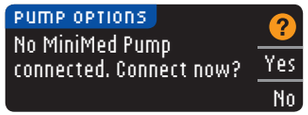
NOTE: Place your meter and your pump side by side before you begin. You need to alternate between both devices to complete the connection.

See page 33 for the Auto Connect steps.

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.



3. Press the ▼ button to highlight **Pump Options**. Press **OK** to select.

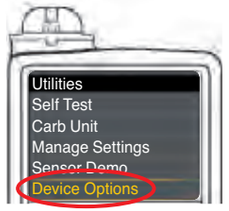


4. The **Pump Options** screen appears and asks if you would like to Connect now. Press **Yes**.

5. Press **OK**. **Put the meter down.**

6. **Pick up your pump.**
   Press any button to turn screen on, then press the **Menu** button. Use the down arrow to scroll to **Utilities**. Press Select button.

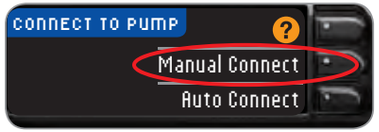
NOTE: If your pump screen turns off, press any button to turn it back on.



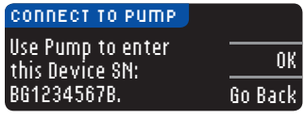
7. In the Utilities menu, use the down arrow to scroll to **Device Options**. Press Select button.

8. In the Device Options menu, scroll to **Connect Device**. Press Select button.

9. Place the meter and pump next to each other. Select **Manual Connect** on your pump. Select **Manual Connect** on your meter.



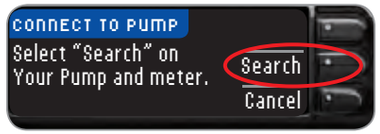
10. Pick up the pump. Enter the meter serial number (SN) shown on the meter into the pump screen. Use the up and down buttons to select the characters, then press the right button to move to the next character. Keep pressing up to get to the alphabet. Press down to go in reverse (starting with "Z"). Press the Select button after entering the last SN character. Select **OK** on your pump.

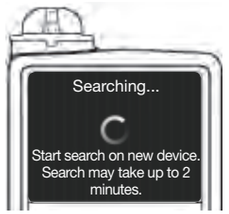


Press **OK** on the meter *after* entering the complete meter SN into the pump.

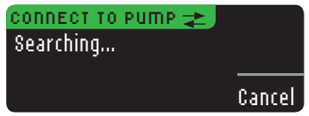
81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 38-39
3/20/14 10:04 AM

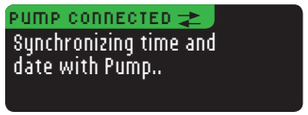
11. Place the meter and pump next to each other. Select **Search** on your pump. Select **Search** on your meter.





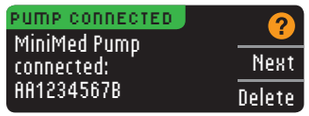
The search may take up to 2 minutes.





12. The meter searches for the pump. When it finds the pump, the meter synchronizes the time and date with the pump.

13. The next screens on both devices confirm that meter and pump are connected.

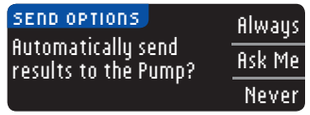


14. Press **Next** on the meter.

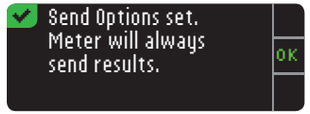
If you have just connected to a pump for the first time, you will be returned to Initial Setup, Meter Send Options, Step 17 (page 10).

Send Options controls how your meter sends your test results to your pump. You have 3 choices:

Always	Meter will always send results
Ask Me	Meter will ask you before sending results
Never	Meter will never send results



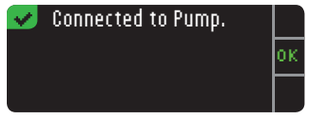
15. Choose the Send Option that is best for you.



16. The next screen confirms your choice. Press **OK**.

17. The Date Format screen appears. Choose your date format.

18. After making your choice, a confirmation screen appears. Press **OK**.



19. Press **OK** to confirm and return to the Setup Menu.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 40-41
3/20/14 10:04 AM

Changing the Send Option

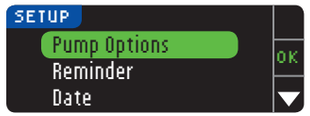
NOTE: The meter must be connected to your MiniMed insulin pump to set or change Send Options.

Send Options controls how your meter sends your test results to your pump. You have 3 choices:

Always	Meter will always send results
Ask Me	Meter will ask you before sending results
Never	Meter will never send results

NOTE: You may want to test with the Send Option set to Never if you do not want to create a wireless signal (for example, if you have been asked to turn off all electronic devices on an aircraft).

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.



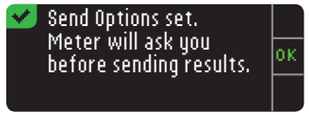
3. Press the ▼ button to highlight **Pump Options**. Press **OK** to select.

4. Press **Send Options**.

NOTE: For Connection settings, see page 33.

5. To change the current Send Option, press **Change**.

6. Choose the Send Option that is best for you.

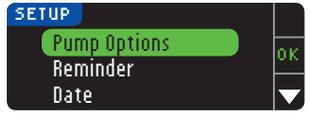


7. A confirmation screen appears. Press **OK** to return to Pump Options.

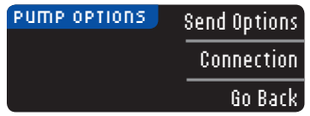
Viewing or Disconnecting Your Pump Connection

Your meter must be connected to your MiniMed insulin pump to view pump connection or disconnect from pump.

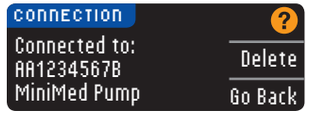
1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.



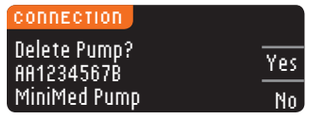
3. Press the ▼ button to highlight **Pump Options**. Press **OK** to select.



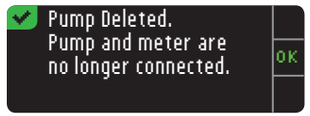
4. Press **Connection**.



5. To disconnect from the pump shown, press **Delete**.



6. Press **Yes** to confirm you want to delete the pump.



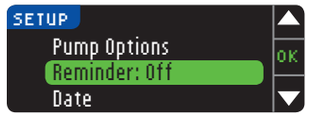
7. A confirmation screen appears. Press **OK** to return to Setup.

Test Reminders

A reminder for your next test can be set after testing or from the Setup Menu. See page 28 for Setting a Test Reminder after Testing.

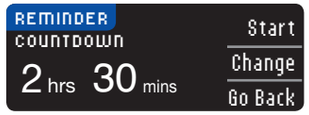
Setting a Reminder

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.



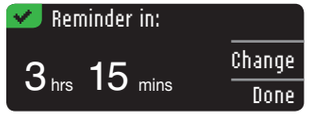
3. Press the ▼ button to highlight **Reminder: Off**. Press **OK** to turn ON the reminder.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 42-43
3/20/14 10:04 AM



4. To accept the preset time shown, select **Start**. To change the time, select **Change**, and you can change the reminder time in 15-minute increments from 15 minutes to 23 hours, 45 minutes.

5. After you have selected hours, press **OK**. After you have selected minutes, press **OK**.



6. A confirmation screen appears and you can select **Change** or **Done**.

If you accept the reminder, a reminder icon will appear in the Setup and Main Menu headers.

NOTE: If you decide to test within 15 minutes before the reminder time, the countdown stops when you insert a test strip.

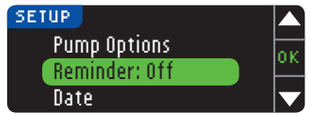
Turning Off a Reminder

To turn off a reminder, you can use the Setup Menu, or do a blood sugar test within 15 minutes of the reminder time. To use the Setup Menu:

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

3. Press the ▼ button to highlight **Reminder: On**. Press **OK** to turn the Reminder OFF.

4. Select **Stop**. A confirmation screen appears and the countdown stops.



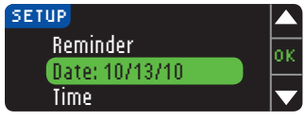
5. Reminder is now off.

Date and Time

Setting the Date (When Not Connected to a Pump)

You can set the date and time on your meter only when the meter is **NOT** connected to a pump. If the meter is connected to a pump, date and time are set on the pump (see Setting the Date and Time When Connected to a Pump, page 46).

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.



3. Press the ▼ button to highlight **Date**. Press **OK** to select.

4. To change the date, press **Change**.

5. Select either format, **Month/Day/Year** or **Day.Month.Year**.

6. Press the ▲ or ▼ button to select the correct year, month and day. Press **OK** after each selection.

7. A screen confirms the date you entered. Press **Done** if the date is correct.

Setting the Time (When Not Connected to a Pump)

You can set the date and time on your meter only when the meter is **NOT** connected to a pump. If the meter is connected to a pump, date and time are set on the pump (see Setting the Date and Time When Connected to a Pump, page 46).

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 44-45
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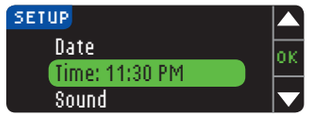


3. Press the ▼ button to highlight **Time**. Press **OK** to select.

4. To change the time, press **Change**.

5. Select either the **12 Hour Clock** or **24 Hour Clock** option.

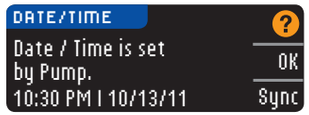
6. Press the ▲ or ▼ button to select the correct hour and minute. Press **OK** after each selection.
7. If you have selected the 12 hour clock format, press the ▲ or ▼ button to select **AM** or **PM**.

8. Time is set. A screen confirms your choice. Press **Done**.

If this is the first time you are setting the date and time, return to Initial Setup, AutoLog, Step 21 (page 10).

Setting Date and Time (When Connected to a Pump)

When connected to a pump, you can change the date and time at the pump. The date and time are synchronized to the pump when the meter is first connected to the pump, when a blood sugar result is sent to the pump, or if you select the **Date** or **Time** option in the Setup Menu.



When connected to a pump, you can only change the format of the date as it appears on the meter.

Press **Sync** to synchronize the meter with the date and time that is set on the Pump.

NOTE: The date format change only applies to the meter (not the pump).

Sound

Turning the Sound On/Off

Sound is ON when you receive your meter. Some error messages and the Reminder bell will override the Sound Off setting.

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

3. Press the ▼ button to select **Sound**. Press **OK**.

4. To turn the sound OFF, press **Turn Off**. To keep the sound turned ON, press **Accept**.

A screen confirms your choice.

AutoLog

NOTE: Your meter comes with AutoLog turned OFF.

The AutoLog feature lets you mark your test result as

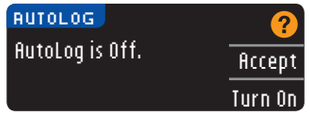
Fasting	Before Meal	After Meal	No Mark

To Turn On AutoLog

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

3. Press the ▼ button to highlight **AutoLog**. Press **OK** to select.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 46-47
3/20/14 10:04 AM



4. Press **Turn On** to activate AutoLog.

A screen confirms your choice.

NOTE:

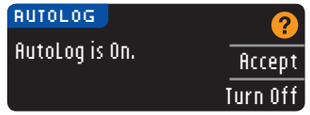
- **When you change your AutoLog setting to ON, you are asked to confirm your Target settings for Fasting, Before Meal and After Meal.**
- **Your test result does not display until you make an AutoLog selection.**
- **If your result is above or below your High or Low Alert settings, you will see your result without pushing a button.**

To Turn Off AutoLog

NOTE: Your meter comes with AutoLog OFF.

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

3. Press the ▼ button to highlight **AutoLog**. Press **OK** to select.



4. To turn AutoLog OFF, press **Turn Off**.

A screen confirms your choice.

NOTE: When you change your AutoLog setting to OFF, you are asked to confirm your Target setting.

Blood Sugar Targets

Targets are your personal ranges for your blood sugar results. With AutoLog OFF, you have a single Target range. With AutoLog ON, you have Target ranges for Fasting, Before Meal, and After Meal.

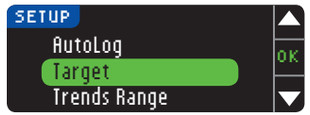
⚠ WARNING

Talk to your health care professional before setting any Target ranges on your meter.

Changing Targets With AutoLog Off

When AutoLog is OFF, you have only one Target range. It comes preset to 3.9 - 10.0 mmol/L.

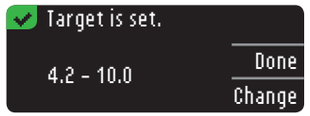
1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.



3. Press the ▼ button to highlight **Target**. Press **OK** to select.

4. To make changes to your Target range, press **Change**.

5. Use the ▲ or ▼ button to change each value of the Target. Press **OK** after each selection.



A screen confirms your choice.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 48-49
3/20/14 10:04 AM

Changing Targets With AutoLog On

NOTE: Targets can only be set inside your selected Alert level(s). For additional information, you may contact Customer Service. Contact information for Customer Service is on the back cover.

When AutoLog is ON, your CONTOUR®NEXT LINK 2.4 meter comes preset with the following Target ranges for testing:

	Fasting	3.9 - 7.2 mmol/L
	Before Meal	3.9 - 7.2 mmol/L
	After Meal	3.9 - 10.0 mmol/L

Ranges can be changed to personal Targets decided by you and/or your health care professional.

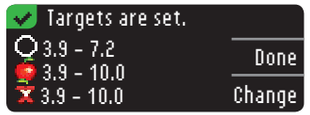
1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

3. Press the ▼ button to highlight **Target**. Press **OK** to select.

4. To make changes to your Fasting Target range, press **Change**, otherwise press **Accept**.

5. Press the ▲ or ▼ button to select your desired Fasting Targets. Press **OK** after each selection.

6. Repeat this process to set your personal Before Meal Targets and After Meal Targets.
7. Press **OK** after each selection.



A screen confirms that all Target ranges are set.

If correct, press **Done** to return to the Setup Menu.

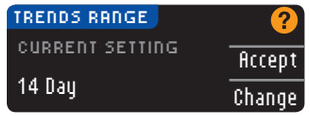
To make changes, press **Change** and repeat the process.

Trends Range

The Trends feature displays your averages and your results as they compare to your Targets, over a period of time that you select. The options available are 7, 14, 30 and 90 day averages. Your meter has been preset to 14 day averages, but you can change this in Setup.

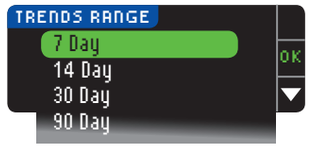
1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

3. Press the ▼ button to highlight **Trends Range**.
4. Press **OK** to select.



5. Your current setting is displayed. You can **Accept** or **Change** your current setting.

NOTE: Your 90 day average is not intended to be reflective of your HbA1c result.



6. Select 7, 14, 30 or 90 Day by using the ▼ button and then press **OK**.
   A screen confirms your choice.

High and Low Alerts

The High and Low Alerts tell you that your test result is above or below the setting you choose. Alerts appear as large orange numbers. Results above High are marked High Blood Sugar. Results below Low are marked Low Blood Sugar.

NOTE: Alerts can only be set outside your selected Target Range(s). For additional information, you may contact Customer Service. Contact information for Customer Service is on the back cover.

⚠ WARNING

Talk to your health care professional before setting any High or Low Alerts on your meter.

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

3. Press the ▼ button to highlight **High and Low Alerts**. Press **OK** to select.

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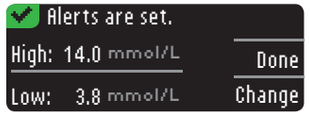
4. Choose **Accept** to use the preset Alert levels (or the Alert levels you chose during initial setup) for High and Low Alerts. The preset High Alert is 13.9 mmol/L and the preset Low Alert is 3.9 mmol/L.
5. Choose **Change** if you wish to use different Alert levels.

6. Press the ▲ or ▼ button to select your High and Low Alert. Press **OK** after each selection.



7. The next screen confirms your choices. Press **Done**.

Set Language

1. Press and hold the top **Menu** button to turn the meter on.
2. Press the ▼ button to highlight **Setup**. Press **OK** to select.

3. Press the ▼ button to highlight **Language**. Press **OK** to select.

4. Press the ▲ or ▼ button to select the language you prefer. Press ▼ to see more choices. Press **OK**.

5. Verify that the language you selected is displayed. Press **OK** to confirm.
   If the correct language is not displayed, press **No**.

Customer Service

This option is to be used if you are speaking to a Customer Service representative. They will give you a code that enables them to verify certain settings. It is not for use any other time. Please see back cover for contact information.

Technical and Care

Transferring Data to CareLink® Personal or CareLink® Professional Therapy Management Software

You can easily transfer blood glucose results from your meter to the CareLink Personal or CareLink Professional Software.

You can also wirelessly transfer data from your MiniMed insulin pump to CareLink Personal or CareLink Professional using your CONTOUR®NEXT LINK 2.4 meter.

1. Refer to the CareLink Personal or CareLink Professional user guide for instructions on how to set up your CareLink software and load the required drivers onto your computer.
2. If you are running GLUCOFACTS®DELUXE diabetes management software from Bayer on your computer, you must close it.
3. Start up your CareLink software. Follow the instructions to plug your CONTOUR NEXT LINK 2.4 meter into a USB port on your computer. Your CareLink software will automatically find the CONTOUR NEXT LINK 2.4 meter and your MiniMed insulin pump.

Your CONTOUR NEXT LINK 2.4 meter is also compatible with GLUCOFACTS DELUXE diabetes management software from Bayer, which may not be available in all countries.

IMPORTANT: The CONTOUR NEXT LINK 2.4 meter from Bayer has only been tested for use with GLUCOFACTS DELUXE diabetes management software from Bayer, and with the CareLink Personal and CareLink Professional software.

For more information, contact Customer Service. Please see back cover for contact information.

Error Detection Displays

- An error screen will always have an "**E**" with a number in the lower left corner of the display.

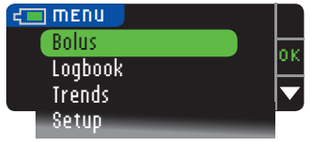
- If there is an error (hardware, software, testing errors) detected by your meter, your meter will beep twice.
- You will see specific instructions to guide you. The first line of the error screen will tell you the error. The next lines describe what you should do. When an error screen displays an **OK**, press the button next to it to continue.
- If you do not resolve the problem, contact Customer Service. Please see back cover for contact information.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 52-53
3/20/14 10:04 AM

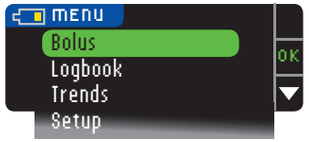
Battery Status

Battery Status Displays

The battery status is displayed with a battery symbol on the Apply Blood screen and the Main Menu screen. It shows how much battery life is left.



This screen displays full battery.



As the battery is used, the battery symbol on the screen gradually shows less fill colour. The colour of the battery fill turns yellow when the battery is low and then red when your battery is almost out of charge.

A series of low battery alerts tell you that the battery is low and to **Charge Soon**.

If you do not charge the battery, a display alerts you: "**Shutting down, Battery is dead.**" You must charge immediately.

Plug the meter into your wall charger or into the USB port of your computer. Be sure your computer is turned on and not in sleep, hibernate or power save mode.

The test strip port light flashes during charging and stops flashing and turns off when charging is complete. Please remove the meter and store in the wallet until you are ready to test.

Battery Charging

When you plug your meter into your wall charger or computer, it starts to charge immediately. While the battery charges, the test strip port light flashes slowly.

Press the top **Menu** button at any time to display the charging status.

Rapid Charge

If the battery is low when you plug in your meter, it will Rapid Charge for about 1 minute. You can run a blood sugar test as soon as Rapid Charge is complete and you have unplugged the meter.

Normal Charging

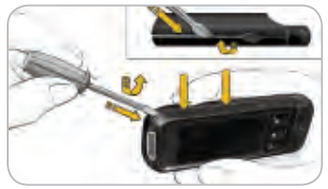
When Rapid Charge ends, normal charging is expected to last up to 2 hours when plugged into a high-powered USB port. When the battery is fully charged, the test strip port light turns off.

CAUTION: Please be aware that USB ports in some computers and self-powered USB hubs can become much warmer than the room. If you wish to test immediately after disconnecting from your computer, please use the USB cable to protect the meter from exposure to heat created by the computer.

NOTE: If the charging status displays "Low Power Charging," your CONTOUR®NEXT LINK 2.4 meter may be plugged into a low-powered USB port. Please try a different USB port on your computer. Only connect to a computer or a 5V charger approved by a certified body such as UL, TUV or CSA.

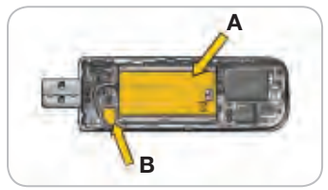
End of Meter Life/Battery Removal

NOTE: Carry out this process only when you no longer intend to use the meter. Meter will not be functional once opened to remove the battery.



To remove the battery for proper disposal, you will need to pry the upper and lower cases apart.

With a screwdriver, beginning near the strip port, insert the tip of the screwdriver and twist to pry the case loose. Continue to do this down the side until the upper case comes apart.



Pry up rechargeable battery here (**A**).

Disconnect battery by pulling battery connector (**B**).

Dispose of the meter and lithium polymer battery in accordance with your local/ country laws and regulations.

81552940_CntrNextLINK2_4_UG_ENca_FpBp_v0.indd 54-55

3/20/14 10:04 AM

Symptoms of High or Low Blood Sugar

You can better understand your test results by being aware of the symptoms of high or low blood sugar. Some of the most common symptoms are:

Low blood sugar (Hypoglycaemia):	High blood sugar (Hyperglycaemia):	Ketones (Ketoacidosis):
• Shakiness • Sweating • Fast Heartbeat • Blurred Vision • Confusion • Passing Out • Irritability • Seizure • Extreme Hunger • Dizziness	• Frequent Urination • Excessive Thirst • Blurred Vision • Increased Fatigue • Hunger	• Shortness of Breath • Nausea or Vomiting • Very Dry Mouth

⚠ WARNING

If you are experiencing any of these symptoms, test your blood sugar. If your test result is under 2.8 mmol/L or above 13.9 mmol/L, contact your health care professional immediately.

For additional information and a complete list of symptoms, contact your health care professional.

Technical Information

Accuracy

The CONTOUR®NEXT LINK 2.4 blood glucose monitoring system was tested in 100 capillary blood samples using 600 CONTOUR®NEXT test strips. Two replicates were tested with each of 3 lots of CONTOUR NEXT test strips for a total of 600 readings. Results were compared to the YSI® glucose analyzer, which is traceable to the CDC hexokinase method.[7] The tables below compare the performance of the 2 methods.

Table 1 — System accuracy results for glucose concentration < 5.55 mmol/L

Within ± 0.28 mmol/L	Within ± 0.56 mmol/L	Within ± 0.83 mmol/L
160 of 186 (86.0%)	183 of 186 (98.4%)	186 of 186 (100%)

Table 2 — System accuracy results for glucose concentration ≥ 5.55 mmol/L

Within ± 5%	Within ± 10%	Within ± 15%
307 of 414 (74.2%)	411 of 414 (99.3%)	414 of 414 (100%)

Table 3 — System accuracy results for glucose concentrations between 2.0 mmol/L and 26.5 mmol/L

Within ±0.83 mmol/L or ±15%	600 of 600 (100%)

Acceptance criteria in ISO 15197: 2013 are that 95% of all differences in glucose values (i.e., between reference method and meter) should be within ± 0.83 mmol/L for glucose values less than 5.55 mmol/L, and within ± 15% for glucose values greater than or equal to 5.55 mmol/L.

User Accuracy

A study evaluating glucose values from fingertip capillary blood samples obtained by 218 lay persons showed the following results: 100% within ± 0.83 mmol/L of the medical laboratory values at glucose concentrations below 5.55 mmol/L and 98.4% within ± 15% of the medical laboratory glucose concentrations at or above 5.55 mmol/L.

Precision

A repeatability study was conducted with the CONTOUR NEXT LINK 2.4 blood glucose monitoring system using 5 venous whole blood specimens with glucose levels from 2.2 to 18.5 mmol/L. Multiple replicates (n=300) were tested using multiple CONTOUR NEXT LINK 2.4 blood glucose meters and 3 lots of CONTOUR NEXT blood glucose test strips. The following precision results were obtained.

Table 4 — System repeatability results for CONTOUR NEXT LINK 2.4 meter using CONTOUR NEXT test strips

Mean, mmol/L	Pooled Standard Deviation	95% Confidence Interval of Standard Deviation, mmol/L	Coefficient of Variation (%)
2.20	0.04	0.040 - 0.047	2.0
4.48	0.06	0.053 - 0.063	1.3
6.79	0.09	0.082 - 0.097	1.3
11.36	0.16	0.143 - 0.170	1.3
18.34	0.25	0.232 - 0.274	1.4

Intermediate precision (which includes variability across multiple days) was evaluated using 3 control solutions. With each of 3 lots of CONTOUR NEXT test strips, each control was tested once on each of 10 instruments on 10 separate days for a total of 300 readings.

Table 5 — System intermediate precision results for CONTOUR NEXT LINK 2.4 meter using CONTOUR NEXT test strips

Control Level	Mean, mmol/L	Standard Deviation	95% Confidence Interval of Standard Deviation, mmol/L	Coefficient of Variation (%)
Low	2.57	0.041	0.038 - 0.045	1.6
Normal	7.23	0.114	0.105 - 0.124	1.6
High	21.60	0.366	0.338 - 0.400	1.7

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Principles of the Procedure

The CONTOUR®NEXT LINK 2.4 blood glucose test is based on measurement of electrical current caused by the reaction of the glucose with the reagents on the electrode of the strip. The blood sample is drawn into the tip of the test strip through capillary action. Glucose in the sample reacts with FAD glucose dehydrogenase (FAD-GDH) and a phenothiazine derivative as a mediator. Electrons are generated, producing a current that is proportional to the glucose in the sample. After the reaction time, the glucose concentration in the sample is displayed. No calculation is required.

Comparison Options

The CONTOUR NEXT LINK 2.4 system is designed for use with capillary whole blood. Comparison to a laboratory method must be done simultaneously with aliquots of the same sample. Note: Glucose concentrations drop rapidly due to glycolysis (approximately 5%-7% per hour).[8]

Important Information

This equipment has been tested and found to comply with the Industry Canada Standard in RSS-210. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Industry Canada Statement

The term “IC:” before the certification/registration number only signifies that the Industry Canada technical specifications were met.

Operation is subject to the following two conditions:

1) this device may not cause interference, and

2) this device must accept any interference, including interference that may cause undesired operation of the device. If you have questions, please contact Bayer Customer Service. Please see back cover for contact information.

Service Information

If you have a problem and none of the problem-solving messages on the meter help, contact Customer Service. Please see back cover for contact information. We have trained specialists to help you.

Important

Speak to a Customer Service Representative before returning your meter for any reason. He/she will give you the information needed to get your problem handled correctly and efficiently.

Have your CONTOUR®NEXT LINK 2.4 blood glucose meter and CONTOUR®NEXT test strips available when you phone. It would also be helpful to have a bottle of CONTOUR®NEXT control solution suitable for your test strips nearby.

Check List

This check list may be helpful when speaking with Customer Service:

1. Locate the model number (**A**) and serial number (**B**) on the back of the meter.

2. Locate the test strips’ expiry date on the bottle.

3. Check the battery symbol on the screen. (See page 54, Battery Status.)

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Symbols Used

The following symbols are used throughout the product labeling for the CONTOUR®NEXT LINK 2.4 blood glucose monitoring system (meter packaging and labeling, and reagent and control solution packaging and labeling).

Symbol	What It Means	Symbol	What It Means
	Use by date (last day of month)	CONT N	Control Range Normal
LOT	Batch code	CONT L	Control Range Low
5°C 45°C	Temperature limitations	CONT H	Control Range High
	Consult instructions for use		Do not reuse
IVD	In Vitro Diagnostic Medical Device	STERILE R	Sterilized using irradiation
REF	Catalogue number	15x	Shake 15 times
	Recycle Packaging		Caution

Symbol	What It Means
	Batteries must be disposed of in accordance with laws in your country. Contact your competent local authority for information on the relevant laws regarding disposal and recycling in your area. The meter should be treated as contaminated and disposed of according to local safety rules. It should not be disposed of with waste electronic equipment.
	The USB cable is waste electrical and electronic equipment. Do not dispose in household waste. Remember to respect local regulations.

Contact your health care professional or local waste disposal authority for medical waste disposal guidelines.

System Specifications

Test Sample: Capillary whole blood

Test Result: Referenced to plasma/serum glucose

Sample Volume: 0.6 µL

Measuring Range: 1.1 mmol/L to 33.3 mmol/L

Countdown Time: 5 seconds

Memory: Stores most recent 1000 test results

Battery Type: Non-serviceable, 250mAh rechargeable lithium polymer battery, 3.4V – 4.2V (5V input voltage)

Meter/Battery Life: 5 years

Charging Current: 300 mA

Strip Storage Temperature Range: 0°C 30°C

Normal Control Storage Temperature Range: 9°C 30°C

Meter Operating Temperature Range: 5°C 45°C

Humidity: 10%–93% RH

Dimensions: 97 mm wide x 31 mm high x 18 mm thick

Weight: 43 grams

Sound Output: 45 to 80 dBA at a distance of 10 cm

Electromagnetic Compatibility (EMC): The CONTOUR®NEXT LINK 2.4 meter complies with the electromagnetic requirements specified in ISO 15197: 2013. Electromagnetic emissions are low and unlikely to interfere with other nearby electronic equipment, nor are emissions from nearby electronic equipment likely to interfere with the CONTOUR NEXT LINK 2.4. The CONTOUR NEXT LINK 2.4 meter meets the requirements of IEC 61326-2-6 for immunity to electrostatic discharge. It is advisable to avoid use of electronic devices in very dry environments especially if synthetic materials are present. The CONTOUR NEXT LINK 2.4 meter meets the requirements of IEC 61326-1 for radio frequency interference. To avoid radio frequency interference do not use the CONTOUR NEXT LINK 2.4 meter near cellular or cordless telephones, walkie talkies, garage door openers, radio transmitters or other electrical or electronic equipment that are sources of electromagnetic radiation, as these may interfere with the proper operation of the meter.

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Caring for Your Meter

CAUTION: Avoid exposing meter and test strips to excessive humidity, heat, cold, dust, or dirt.

- Store your meter in the carrying case provided whenever possible.
- **Wash hands and dry well before handling to keep the meter and test strips free of water, oils and other contaminants.**
- Keep blood, control solution, and cleaning fluid from entering the test strip port or USB plug.
- Handle the meter carefully to avoid damaging the electronics or causing other malfunctions.
- The USB cap of your CONTOUR®NEXT LINK 2.4 meter is designed to protect the USB plug. Should you lose the cap, contact Customer Service for a replacement. Please see back cover for contact information.

Cleaning and Disinfection

Your CONTOUR®NEXT LINK 2.4 system should be cleaned and disinfected once a week. Use **only** germicidal wipes containing 0.55% sodium hypochlorite (bleach), which has been proven to be safe to use with the CONTOUR NEXT LINK 2.4 meter and your lancing device provided by Bayer.

Cleaning is the removal of visible dirt and debris, but does not reduce the risk for transmission of infectious diseases. Your CONTOUR NEXT LINK 2.4 system should be cleaned of dirt and debris once a week.

Disinfecting (if performed properly) reduces the risk of transmitting infectious diseases. Your meter and lancing device should be disinfected once a week.

⚠ WARNING

Always wash your hands well with soap and water before and after testing and handling the meter, lancing device, or test strips.

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

The cleaning and disinfecting directions provided will not cause any damage or degradation to the external case, buttons or display. Your CONTOUR NEXT LINK 2.4 meter and lancing device from Bayer have been tested for 260 cycles of cleaning and disinfection (one cycle per week for 5 years). These devices have been demonstrated to withstand 5 years of cleaning and disinfection without damage. You should call Bayer Diabetes Care Customer Service for assistance if your device malfunctions for any cause or if you notice any changes in the meter case or display.

For more information see:

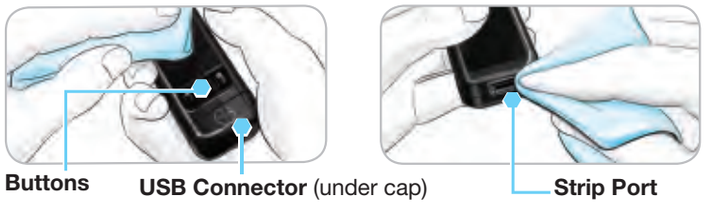
FDA Public Health Notification: Use of Fingerstick Devices on More than One Person Poses Risk for Transmitting Bloodborne Pathogens: Initial Communication (2010). http://www.fda.gov/MedicalDevices/Safety/AlertsandNotices/ucm224025.htm

Cleaning Your Meter

Supplies Needed for Cleaning:

- Germicidal wipes containing 0.55% sodium hypochlorite (bleach)
- Paper towels

1. Carefully clean the meter with germicidal wipes until all soil is removed. *Do not allow cleaning solution to run into the meter through areas such as around the buttons or the meter's test strip or data ports*.
2. Dry as necessary with a clean paper towel.



Disinfecting Your Meter

Supplies Needed for Disinfecting:

- Germicidal wipes containing 0.55% sodium hypochlorite (bleach)
- Paper towels
- Timing device

1. Before disinfecting, clean the meter as described in **Cleaning Your Meter**.

For proper disinfection, you must keep all meter surfaces wet for 60 seconds.

Using a new germicidal wipe, carefully wipe all outer surfaces of your meter until wet. *Do not allow cleaning solution to run into the meter through areas such as around the buttons or the meter's test strip or data ports.*

2. Dry all meter surfaces and test strip port using a clean paper towel if needed.

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Cleaning Your Lancing Device provided by Bayer

Supplies Needed for Cleaning:

- Germicidal wipes containing 0.55% sodium hypochlorite (bleach)
- Paper towels

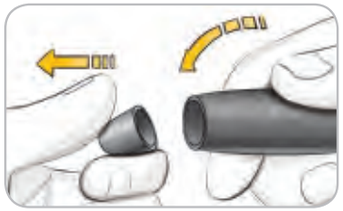
1. Clean the lancing device provided by Bayer with germicidal wipes until all soil is removed.
2. Dry as necessary with a clean paper towel.

Disinfecting Your Lancing Device provided by Bayer

Supplies Needed for Disinfecting:

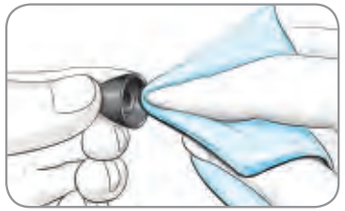
- Germicidal wipes containing 0.55% sodium hypochlorite (bleach)
- Paper towels
- Timing device

1. Before disinfecting, clean the lancing device as described above in **Cleaning Your Lancing Device**.



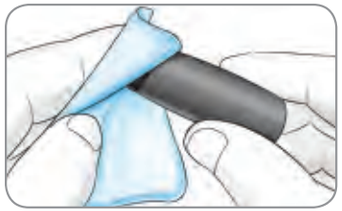
2. Remove the endcap and lancet, if present.

For proper disinfection, you must keep all endcap surfaces wet for 60 seconds.



3. Using a new germicidal wipe, carefully wipe all external and internal surfaces of the endcap until wet.

For proper disinfection, you must keep all lancing device surfaces wet for 60 seconds.



4. Use the germicidal wipes to disinfect all exposed surfaces of your lancing device until wet.

5. Dry all lancing device surfaces and endcap with a clean paper towel if needed.

The lancing device graphics are for illustration purposes only. Refer to the lancing device insert provided by Bayer for detailed instructions.

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Supplies

When calling or writing for supplies be sure to include the name of the replacement part or accessory item.

Replacement Parts

Items

- CONTOUR®NEXT LINK 2.4 user guide
- CONTOUR NEXT LINK 2.4 quick reference guide
- USB extension cable from Bayer
- USB cap
- Wall charger
- CONTOUR®NEXT test strips
- CONTOUR®NEXT control solution
- Lancing device from Bayer
- Lancets from Bayer
- Check the website www.diabetes.bayer.com for any meter updates or GLUCOFACTS®DELUXE updates.
- To order parts, contact Customer Service. Please see back cover for contact information.

References

1. Wickham NWR, Achar KN, Cove DH. Unreliability of capillary blood glucose in peripheral vascular disease. *Practical Diabetes.* 1986;3(2):100.
2. Atkin, S. et al. Fingerstick Glucose Determination in Shock. *Ann Intern Med.* 1991;114:1020-1024.
3. Desachy A, Vuagnat AC, et al. Accuracy of bedside glucometry in critically ill patients: influence of clinical characteristics and perfusion index. *Mayo Clin Proc.* 2008;83(4): 400-405.
4. American Diabetes Association. Standards of medical care in diabetes—2012. *Diabetes Care*. 2012;35(Suppl 1):S11-63.
5. Canadian Diabetes Association Clinical Practice Guidelines Expert Committee. Canadian Diabetes Association 2013 Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada. Can J Diabetes. 2013;37(suppl 1):S33.
6. Longo D.L. et al. *Harrison's Principles of Internal Medicine,* 18th Edition, 2011. http://www.accessmedicine.com
7. Data on file, Bayer HealthCare Diabetes Care.
8. *Tietz Fundamentals of Clinical Chemistry,* 5th Edition, Edited by Burtis CA and Ashwood ER, W. B. Saunders Co., Philadelphia, PA, 2001, p. 444.

Manufacturer's Warranty

Bayer HealthCare warrants to the original purchaser that this instrument will be free from defects in materials and workmanship for 5 years from the date of original purchase (except as noted below). During the stated 5-year period, Bayer HealthCare shall, at no charge, replace a unit found to be defective with an equivalent or current version of the owner's model.

Limitations of Warranty: This warranty is subject to the following exceptions and limitations:

1. A 90-day warranty only will be extended for consumable parts and/or accessories.
2. This warranty is limited to replacement due to defects in parts or workmanship. Bayer HealthCare shall not be required to replace any units which malfunction or are damaged due to abuse, accidents, alteration, modification, misuse, neglect, maintenance by someone other than Bayer HealthCare, or failure to operate the instrument in accordance with instructions. Further, Bayer HealthCare assumes no liability for malfunction or damage to Bayer HealthCare instruments caused by the use of reagents other than the appropriate reagents (e.g., CONTOUR®NEXT test strips) manufactured or recommended by Bayer HealthCare.
3. Bayer HealthCare reserves the right to make changes in design of this instrument without obligation to incorporate such changes into previously manufactured instruments.
4. Bayer HealthCare has no knowledge of the performance of the CONTOUR®NEXT LINK 2.4 blood glucose meter when used with any test strips other than CONTOUR NEXT test strips, and therefore makes no warranty of the performance of the CONTOUR NEXT LINK 2.4 meter when used with any test strips other than CONTOUR NEXT test strips or when the CONTOUR NEXT test strip is altered or modified in any manner.
5. Bayer HealthCare makes no warranty of the performance of the CONTOUR®NEXT LINK 2.4 meter or test results when used with any control solution other than CONTOUR®NEXT control solution.
6. Bayer HealthCare makes no warranty of the performance of the CONTOUR®NEXT LINK 2.4 meter or test results when used with any software other than GLUCOFACTS®DELUXE diabetes management software from Bayer (where supported) and CareLink® Personal therapy management software from Medtronic.

BAYER HEALTHCARE MAKES NO OTHER EXPRESS WARRANTY FOR THIS PRODUCT. THE OPTION OF REPLACEMENT, DESCRIBED ABOVE, IS BAYER HEALTHCARE'S ONLY OBLIGATION UNDER THIS WARRANTY.

IN NO EVENT SHALL BAYER BE LIABLE FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, EVEN IF BAYER HEALTHCARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

For warranty service: Purchaser must contact Bayer Customer Service for assistance and/or instructions for obtaining service of this instrument. Please see back cover for contact information.

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