

5

5 Reservoir and infusion set

Setting up the reservoir and infusion set

When you are ready to use your pump with insulin, make sure the time and date are correct on your pump. For details on changing the time and date on your pump, see *Time and date*, on page 168. You must also program your settings as instructed by your healthcare professional.

You need the following items:

- MiniMed 770G insulin pump
- Vial of insulin (U-100)
- MiniMed reservoir
- MiniMed-compatible infusion set and its user guide



WARNING: Clear the active insulin value before using your pump to deliver insulin for the first time. If you have practiced giving boluses on your pump before using insulin, the active insulin value could be inaccurate. This could result in inaccurate insulin delivery, and serious injury. For details, see *Clearing your active insulin*, on page 164.

Removing the reservoir

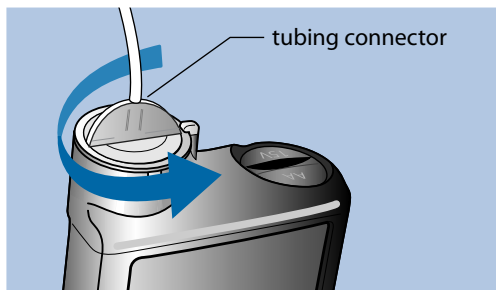
If this is the first time you are inserting a reservoir into your pump and you do not currently have a reservoir loaded, go to *Rewinding your pump*, on page 118.



WARNING: Never insert the reservoir into the pump while the tubing is connected to your body. Doing so could result in an accidental infusion of insulin, which may cause low blood glucose.

To remove your reservoir:

1. Wash your hands.
2. Disconnect the infusion set from the body.
3. If you have the optional activity guard attached to the reservoir compartment on your pump, remove it now.
4. Turn the tubing connector counter-clockwise until the reservoir and tubing connector can be pulled free of the pump.



5. Dispose of the used reservoir and infusion set according to local regulations, or contact your healthcare professional for disposal information.

Rewinding your pump

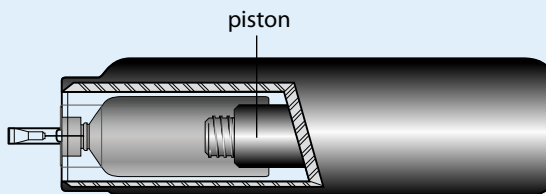


WARNING: Always make sure the infusion set is disconnected from your body before you rewind your pump or fill the infusion set tubing. Never insert the reservoir into the pump while the tubing is connected to your body. Doing so could result in an accidental infusion of insulin, which can cause low blood glucose.

When you rewind your pump, the piston in the reservoir compartment returns to its starting position and lets a new reservoir be placed into the pump.



Note: The piston is located in the reservoir compartment of your pump. It engages the reservoir and pushes insulin through the tubing.



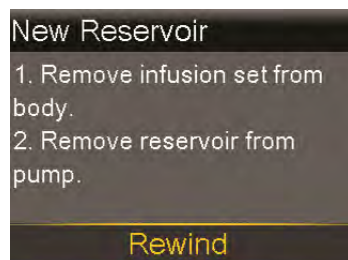
To rewind your pump:

1. Press  and go to the New Reservoir screen.

Options > Reservoir & Tubing > New Reservoir

The New Reservoir screen appears.

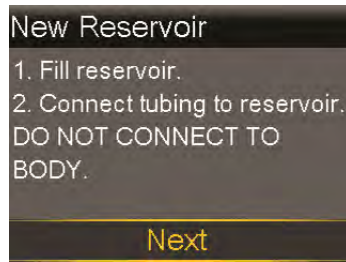
If you have not yet removed the infusion set and reservoir, do so now.



2. Select **Rewind**.

The piston in the reservoir compartment of your pump returns to its starting position. This may take several seconds. During this process, a "Rewinding" message appears.

Another message appears to notify you that your pump has finished rewinding, and then the New Reservoir screen appears.

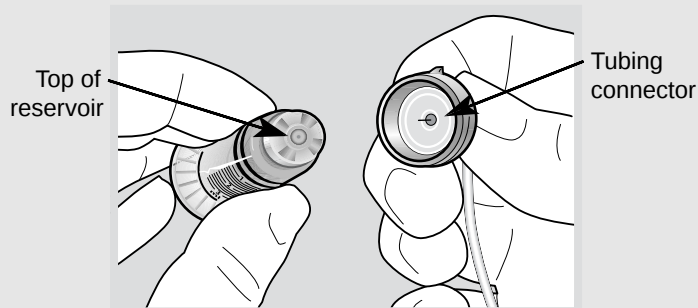


3. Follow the instructions in the next section to fill your reservoir.

Filling the reservoir



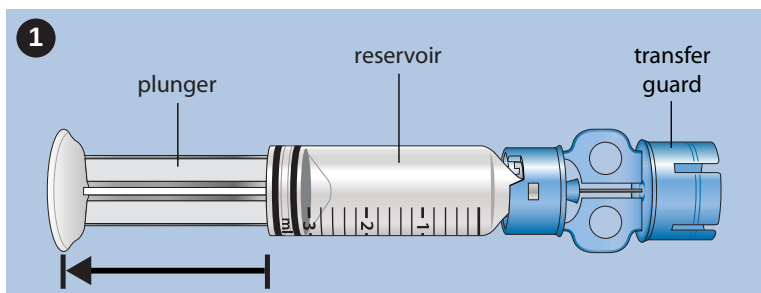
WARNING: Do not use the reservoir or infusion set if any liquid gets on the top of the reservoir or inside the tubing connector (as shown in the image). Liquid can temporarily block the vents. This may result in the delivery of too little or too much insulin, which can cause hyperglycemia or hypoglycemia. If any liquid gets on the top of the reservoir or inside the tubing connector, start over with a new reservoir and infusion set.



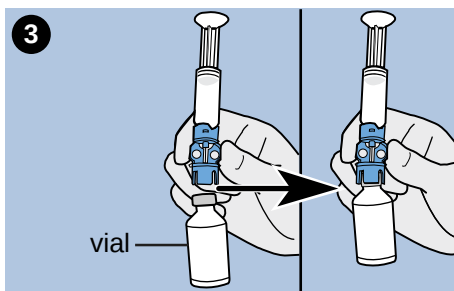
WARNING: Always allow your insulin to reach room temperature before use. Cold insulin can cause air bubbles in the reservoir and tubing, which may result in inaccurate insulin delivery.

To fill the reservoir, do these steps:

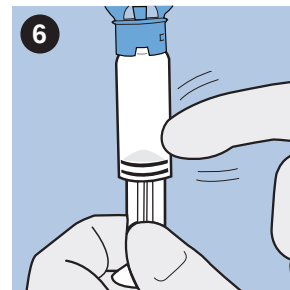
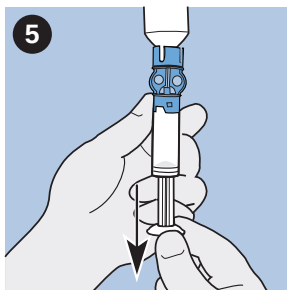
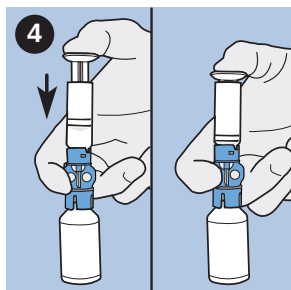
1. Remove the reservoir from the package and fully extend the plunger.



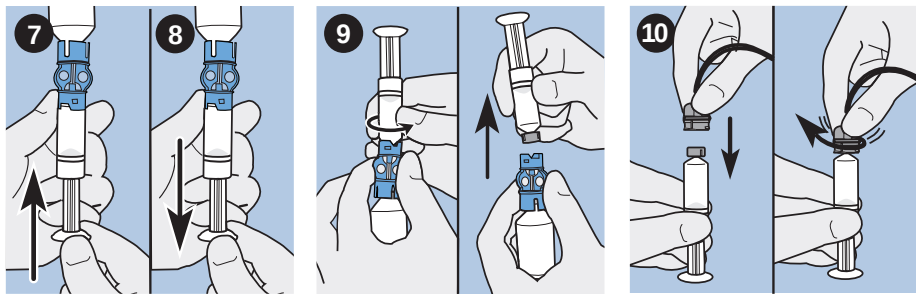
2. Swab the vial with alcohol (not shown).
3. Press the transfer guard onto the vial without pushing down on the plunger.



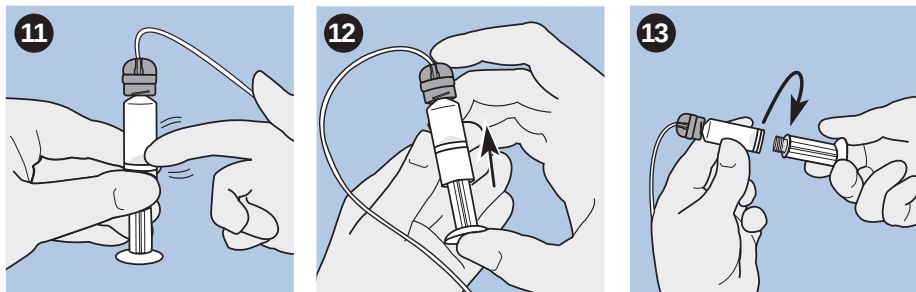
4. Push down on the plunger to pressurize the vial. Hold down the plunger rod.
5. While still holding down the plunger rod, flip the vial over so the vial is on top. Slowly pull down on the plunger to fill the reservoir.
6. Gently tap the side of the reservoir to make any air bubbles rise to the top of the reservoir.



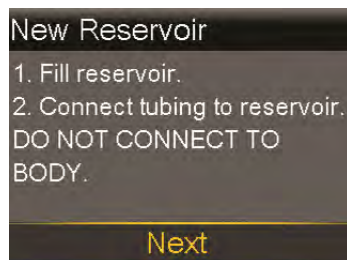
7. Slowly push up on the plunger just enough to remove any air bubbles from the reservoir.
8. Slowly pull down on the plunger to fill the reservoir to the number of units desired.
9. To avoid getting liquid on the top of the reservoir, flip the vial over so that it is upright. Turn the reservoir counter-clockwise, then pull straight up to remove the reservoir from the transfer guard.
10. Place the tubing connector onto the reservoir. Turn the connector clockwise, pressing gently against the reservoir until you feel it slide in. Push in and continue turning until the reservoir and the connector lock with a click.



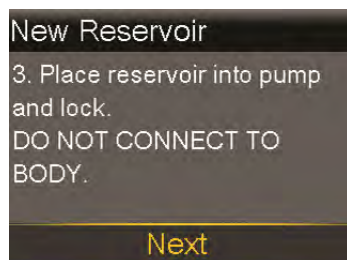
11. Tap the side of the reservoir to remove any air bubbles.
12. To purge air bubbles that have risen to the top of the reservoir, push up on the plunger until you see insulin in the tubing.
13. Without pulling, turn the plunger counter-clockwise to remove it from the reservoir.



14. Select **Next** from the New Reservoir screen.



The New Reservoir screen now instructs you to place the reservoir in your pump.



15. Follow the instructions in the next section to insert the reservoir into the reservoir compartment of your pump immediately after filling it.

Inserting the reservoir into your pump

Be sure to perform the following steps in the order they are presented.



Note: Do not insert the reservoir into your pump until you receive training.

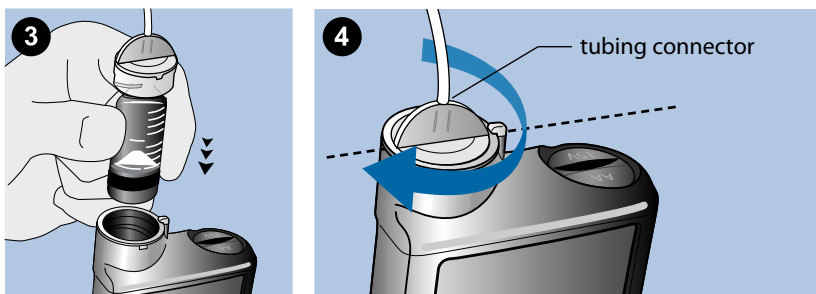


WARNING: Always rewind your pump before inserting a new reservoir. Failing to rewind your pump could result in an accidental infusion of insulin, which can cause hypoglycemia.

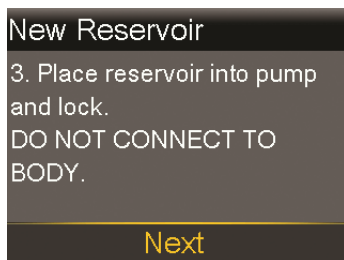
Never insert the reservoir into the pump while the tubing is connected to your body. Doing so could result in an accidental infusion of insulin, which can cause hypoglycemia.

To insert the reservoir into your pump:

1. If you are using the pump for the first time, remove the shipping cap from the reservoir compartment.
2. Rewind your pump if you have not yet done so. See *Rewinding your pump*, on page 118 for more information.
3. Insert the reservoir into the top of the reservoir compartment.
4. Turn the tubing connector clockwise until the connector is locked into the pump. The tubing connector should be aligned horizontally with the pump case as shown in the following example.



5. Your pump should be displaying the New Reservoir screen shown in the following example. Select **Next** to continue.



6. Select and hold **Load** until you see a checkmark on the screen and your pump beeps or vibrates. Holding **Load** moves the piston up in the reservoir compartment until it engages with the bottom of the reservoir.



Note: If you press the **Back** button after the loading process begins, a Loading incomplete alarm will occur.

When the loading process is completed, the following screen appears.



7. Select **Next** to continue.
8. Follow the instructions in the next section to fill the tubing with insulin.

Filling the tubing

You need to fill the infusion set tubing with insulin before you insert the set into the body.



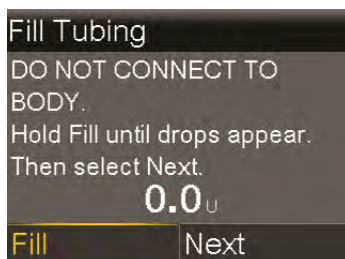
WARNING: Always make sure the infusion set is disconnected from your body before you rewind your pump or fill the infusion set tubing. Never insert the reservoir into the pump while the tubing is connected to your body. Doing so could result in an accidental infusion of insulin, which can cause low blood glucose.



WARNING: Always check your tubing for air bubbles. Continue to press **Fill** until the bubbles have been removed from the tubing. Air bubbles may result in inaccurate insulin delivery.

To fill the tubing:

1. After you load your reservoir and select **Next** from the Load Reservoir screen, the Fill Tubing screen appears.



2. Select and hold **Fill**. Your pump beeps six times as it dispenses insulin into the tubing toward the infusion set needle. Continue to hold **Fill** until insulin droplets form on the tip of the infusion set needle, and then release. Your pump beeps as it fills the tubing, and the amount of insulin used appears on the screen.

If the Max Fill reached alarm occurs, it means you have used more than 30 units of insulin to fill your tubing. For details, go to *Pump alarms, alerts, and messages, on page 244*, and see the description for Max Fill reached.

3. Select **Next** to continue.
4. Follow the instructions in the next section to insert the infusion set into your body before filling the cannula.

Inserting the infusion set



WARNING: Do not remove the reservoir from the pump while the infusion set is connected to your body. Doing so could result in the delivery of too little or too much insulin, which can cause high BG or low BG.

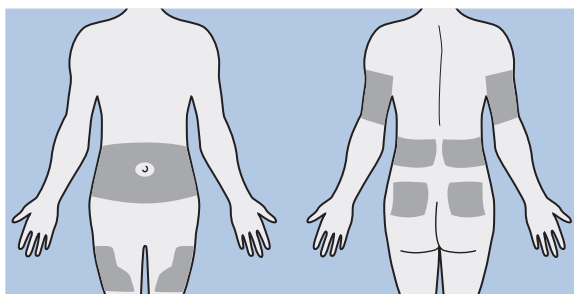
You must complete the following procedures, as described previously, before you insert the infusion set into your body:

- Rewind your pump.
- Fill your reservoir.
- Insert the reservoir into pump.
- Fill the tubing with insulin.

The best body areas for infusion set insertion are shaded in the following example. Avoid the 2-inch (5.0 cm) area around the navel to help ensure a comfortable infusion site and to help with adhesion.



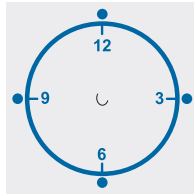
CAUTION: Do not use the same infusion set insertion site for an extended period of time. This can cause the site to become overused. Rotate the infusion set insertion sites regularly.



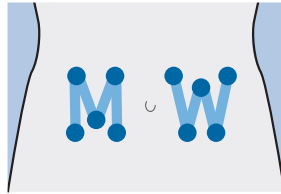
CAUTION: Always change your infusion set according to the product labeling. Using the same infusion set for an extended period of time can cause infusion set occlusion or site infection.

To keep sites healthy, use a visual scheme to help you rotate your insertion sites in an organized way. The following methods are commonly used. For maximum effectiveness, alternate the use of both methods.

- Visualize an imaginary clock drawn on your abdomen around your belly button. Rotate infusion set insertion sites by starting at 12 o'clock and then rotate the infusion site clockwise to 3 o'clock, 6 o'clock, and so on.



- Imagine a letter M or a letter W on either side of your belly button. Start at the end of one letter and proceed through the letter, rotating to each intersection in turn.



Medtronic Diabetes offers a variety of infusion sets for your pump.



Note: Always refer to your infusion set user guide for instructions to insert an infusion set.

After your infusion set is inserted, see *Filling the cannula, on page 128* to fill the infusion set cannula.

Filling the cannula

Filling the soft cannula with insulin is required after the infusion set is inserted into your body and the introducer needle is pulled out. The insulin amounts required to fill the cannula depend on the type of infusion set you use. Refer to your infusion set instructions for this information.



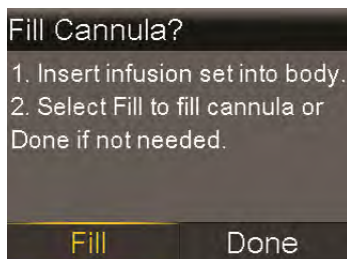
Note: If you use a steel needle infusion set, there is no cannula to fill. Select **Done** on the **Fill Cannula?** screen.



WARNING: Never leave your pump on the Fill Cannula? screen. Insulin delivery is suspended while on the Fill Cannula? screen. Always finish filling your cannula or return to the Home screen to avoid continued insulin delivery suspension. Failing to do this can result in hyperglycemia.

To fill the cannula:

1. After you fill your tubing and insert your infusion set, the Fill Cannula? screen appears.



Note: If your screen turns off before you are ready to fill your cannula, press any button on your pump to turn it on again.

2. To fill your cannula now, select **Fill**. If you use a steel needle infusion set, there is no cannula to fill. Select **Done**.

The Fill Cannula screen appears.



3. Adjust the Fill amount for your particular infusion set, and then select **Fill Now**. If you are unsure about the fill amount, see the instructions that came with your infusion set.

4. As the cannula fills, your screen displays the amount of units being delivered. The pump beeps or vibrates when the delivery is complete.
After the cannula is filled, the Home screen appears. Your pump is now ready to deliver insulin.

To stop filling the cannula:

1. Select **Stop Filling** to stop filling the cannula.



2. Select **Yes**.
The Fill Stopped screen appears and shows amount delivered.
3. Select **Done**.

Disconnecting your infusion set

Always refer to your infusion set user guide for instructions on how to disconnect your infusion set.

Reconnecting your infusion set

Always refer to your infusion set user guide for instructions on how to reconnect your infusion set.

6



Meter

The MiniMed 770G insulin pump with Bluetooth wireless technology can only pair with an Accu-Chek Guide Link meter to receive remote blood glucose (BG) readings. If you do not pair an Accu-Chek Guide Link meter with your pump, you must enter your BG readings manually. To pair your pump and meter, you need the following items:

- MiniMed 770G insulin pump with Bluetooth wireless technology
- Accu-Chek Guide Link meter

About your Accu-Chek Guide Link meter

You can set up your pump to automatically receive BG readings from your Accu-Chek Guide Link meter. When the pump is on the Home screen, it beeps or vibrates when it receives a BG reading from the meter. After you confirm the BG value, the BG Meter screen appears. You can view your current BG reading and, if necessary, deliver a bolus. Once you have received the BG value from the meter, you must confirm the value on your pump. Your BG values appear on your pump screen for 12 minutes, as well as any insulin that is still active from any previous boluses. If your BG reading is outside the range of 70 to 250 mg/dL, an alert appears. Treat your low BG or high BG as directed by your healthcare professional.



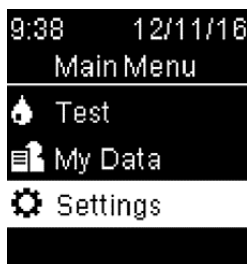
Note: You can pair up to four Accu-Chek Guide Link meters to your pump. In order for your pump to use the BG reading, you must confirm the reading on your pump.

Pairing your pump and meter

The MiniMed 770G insulin pump with Bluetooth wireless technology can be paired with the Accu-Chek Guide Link meter. The pump automatically receives BG readings from a paired Accu-Chek Guide Link meter.

To prepare the meter to pair with the pump:

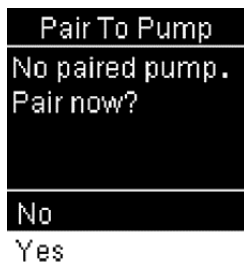
1. Press the **OK** button on the meter to turn on the meter.
2. Select **Settings**.



3. Select **Wireless**.



4. Select **Yes** if the confirmation screen appears on the meter screen. Or, select **Pairing** if the confirmation screen does not appear.



The serial number of the meter appears on the meter screen. The meter is now ready to pair with the pump.

To prepare the pump to pair with the meter:

1. Press  and go to the Device Options screen.

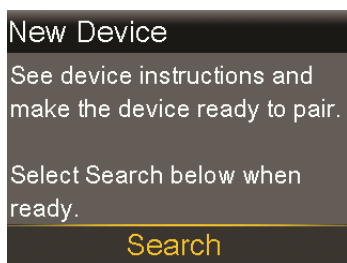
Options > Utilities > Device Options

2. Select **Pair Device**.



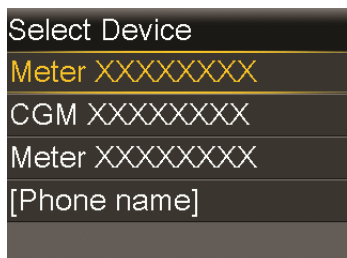
The New Device screen appears.

3. Select **Search**.



The Select Device screen appears with a list of available devices.

4. Select the meter that matches the serial number on the meter screen.



5. Ensure the serial numbers shown on the pump and meter screens match, and then select **Confirm**.



If the connection is successful, a "Pairing successful!" message appears on the pump. A "Paired with pump" message with the serial number of the pump appears on the meter screen.

Deleting a meter from your pump

Follow this procedure to delete your Accu-Chek Guide Link meter from the pump.

To delete the meter from the pump:

1. Press  and go to the Manage Devices screen.

Options > Utilities > Device Options > Manage Devices

The Manage Devices screen appears.

2. Select the serial number of the meter you want to delete. The Accu-Chek Guide Link meter serial number is located on the back of the meter.
3. Select **Delete**. A screen appears and tells you to confirm.
4. Select **Yes** to confirm or **No** to cancel.

Deleting your pump from a meter

For steps to delete the pump from a meter, see the Accu-Chek Guide Link User's Manual.



7

History and events

This chapter describes the History and Event Markers features. The History screens provide details about your personal therapy with your pump, including information about your insulin deliveries, blood glucose (BG) meter readings, sensor glucose (SG) readings, and any alarms and alerts you received. You can enter and save information, such as manual BG readings, carbohydrates eaten, and exercise with the Event Markers feature.

You can view updates on the Daily History screen to learn the following information about your therapy with your pump over a period of time:

- Automatic and manual transitions into and out of SmartGuard Auto Mode
- Start time and the end time for all your Temp Target events
- Correction boluses that your pump automatically calculates for you

For more information about the Auto Mode feature on your pump, refer to *SmartGuard Auto Mode*, on page 219.

History

The History feature includes the Summary, Daily History, and Alarm History screens. The SG Review and ISIG History screens are available if you use the Sensor feature.

Summary screen

The Summary screen shows details about past insulin deliveries and meter readings. If you use a sensor, the Summary screen also shows information about your sensor alerts and SG readings.

You can view historical details for a single day. You can select multiple days to view an average of all the results for the number of days that you selected.

To view your Summary screen:

- 1. Press  and go to the Summary screen.
Options > History > Summary
- 2. Select the time period for the Summary screen.
The Summary screen appears and shows the information for the number of days that you selected.
- 3. You can scroll down to view the entire screen. If you use the 1 Day view, you can use the < and > buttons on your pump to view the results for each day in history.

Understanding the Summary screen

The Summary screen separates information into the following categories:

- Auto Mode
- Overview
- Bolus
- BG meter
- Sensor
- Low management mode

Summary screen: Auto Mode

The following table describes the Auto Mode portion of the Summary screen.

Name	Description
Time in Auto Mode	number of hours / percent of time in SmartGuard Auto Mode
Time in target range	number of hours / percent of time in target range (70 to 180 mg/dL)
Time below range	number of hours / percent of time below target range (below 70 mg/dL)
Time above range	number of hours / percent of time above target range (above 180 mg/dL)

Summary screen: overview

The following table describes the overview portion of the Summary screen.



Note: If you view a single day of Summary results, then the values shown are the actual results for the selected day. If you view more than one day of Summary results, then the value is an average of the days that you selected.

Name	Description
TDD	Total daily dose of insulin units.
Basal	• Insulin units devoted to basal delivery. • Percentage of insulin devoted to basal delivery.
Bolus	• Insulin units devoted to bolus delivery. • Percentage of insulin devoted to bolus delivery.
Total Carbs	Daily carbohydrate amount, in grams.

Summary screen: bolus

The following table describes the bolus portion of the Summary screen:



Note: If you view a single day of Summary results, then the values shown are the actual results for the selected day. If you view more than one day of Summary results, then the value is an average of the days that you selected.

Name	Description
Carb bolus	• Total insulin units delivered using the Bolus Wizard feature or Auto Mode Bolus with food or with food and correction amount. • Number of times the Bolus Wizard feature or Auto Mode Bolus delivered a food bolus or a food with correction bolus.
BG Correction Only	• Total insulin units delivered using the Bolus Wizard feature or Auto Mode Bolus with BG correction amount only. • Number of times the Bolus Wizard feature or Auto Mode Bolus delivered a BG correction bolus only.

Summary screen: BG meter

The following table describes the BG meter portion of the Summary screen:

Name	Description
BG	Total number of BG meter readings, including readings from an Accu-Chek Guide Link meter and BG meter readings entered manually.
Average BG	Average BG meter readings.
BG Std. Dev.	Standard deviation of BG meter readings.
Low BG	Lowest BG meter reading.
High BG	Highest BG meter reading.

Summary screen: sensor

The following table describes the sensor portion of the Summary screen. If the sensor feature has never been turned on, this portion of the screen does not appear. If the sensor feature was turned on at least once, but is currently turned off, this portion of the screen appears gray.

Name	Description
SG Average	Average SG value.
SG Std. Dev.	Standard deviation of the SG readings.

Summary screen: low management mode

The following table describes the low management mode portion of the Summary screen. This portion shows information about the SmartGuard suspend features. For details on the SmartGuard suspend features, see *SmartGuard Technology, on page 172*.

Name	Description
Suspend before low	The average number of Suspend before low events per day.
Suspend on low	The average number of Suspend on low events per day.
Time suspended by sensor	The average duration (amount of time) suspended as a result of Suspend on low or Suspend before low events per day.

Daily History

The Daily History screen displays a list of actions you performed on your pump or event entries that you made for the selected day, such as your BG meter readings, sensor calibrations, bolus deliveries, any temp basal rates you have used, and so on. The list displays the most recent action or event first. From this list, you can display further details about any action or event.

To view your Daily History:

1. Press  and go to the Daily History screen.

Options > History > Daily History

A list of dates appears.

2. Select a specific date of history to view. A list appears with any pump actions or events entered on the specified day.
3. You can select any item in the list to open the Detail screen, which displays more information about the selected action or event. For example, if you view the details of a bolus delivered using the Bolus Wizard feature, the Detail screen shows you all of the data associated with that bolus, such as the BG correction amount, active insulin adjustment, carbs entered, and calculated bolus.

Alarm History

The Alarm History screen displays a list of alarms and alerts that occurred on the selected day. The list displays the most recent alarm or alert first. From this list, you can display further details about any alarm or alert.

To view your Alarm History:

1. Press  and go to the Alarm History screen.

Options > History > Alarm History

A list of dates appears.

2. Select a specific date of alarm history to view. A list appears showing any alarms or alerts that occurred on the specified day.
3. You can select any alarm or alert in the list to open the Alarm Detail screen, which displays more information about the selected alarm or alert.

Using SG Review

The SG Review feature lets you view a graph of your SG history, based on high and low limits you enter. You can view information for one day, or view an average of your SG data over a number of days.

This SG Review feature is available if you use the Sensor feature.



Note: The high and low limits that you set in the SG Review screen are only used to view your SG data. These limits are not the same as the high and low glucose limits used for your sensor alerts. Changing your limits in the SG Review screen does not affect the high and low glucose limits used for your sensor alerts.

To review your SG history:

1. Press  and go to the SG Review screen.

Options > History > Sensor Glucose Review

The SG Review screen appears. The high and low limits that appear are either the values you entered for the last SG Review, or the default values of 180 mg/dL for the High Limit and 70 mg/dL for the Low Limit.

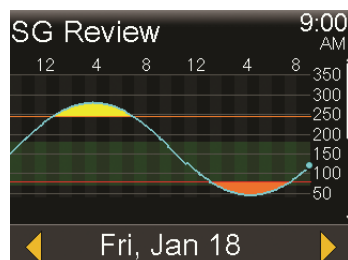
SG Review	9:00 AM
High Limit	180 mg/dL
Low Limit	70 mg/dL
Days to Average	1
Next	

2. Enter the High Limit and Low Limit that you want to use to view your SG data.

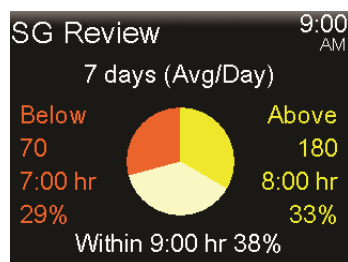
There must be a minimum of 20 mg/dL difference between the High Limit and the Low Limit.
3. Enter the number of days of SG history to average, and select **Next**.

A graph of your SG data appears. If you specified one day of history to view, the graph shows details about when your SG was above, below, or within your specified limits. You can scroll down to view the number of hours and percentage of time you were above, within, and below your SG limits.

If you have no data saved, a message appears to notify you that there is no data available.



If you view information for multiple days, the graph shows the average percentage of time that your SG was above, below, or within your specific limits.



ISIG History

ISIG is an electronic reading from your sensor that is used in conjunction with your calibration numbers to calculate the current glucose reading on your pump.

To review your ISIG History:

1. Press and go to the ISIG History screen.

Options > History > ISIG History

The ISIG History screen displays an hourly sequence for one 24-hour day.

2. Scroll through the list to highlight an hour, then press to select it.

Use the or buttons to scroll through the listing of ISIG readings, which occur every five minutes.

Event Markers

The Event Markers feature lets you electronically save certain types of information. When using this feature, enter events when they happen because the system records the time of the entry. You cannot edit entries after you enter the information into your pump. You can view your saved events in the Daily History screen.

The information you entered can be sent to CareLink Personal software, where it can be used to generate reports you can share with your healthcare professional.

To enter Event Markers:

1. Press  and go to the Event Markers screen.

Options > Event Markers

2. Select and enter event information for any of the following categories:

BG



If you are not recording your BG meter readings in your pump by entering them manually or by using the Bolus Wizard feature, Auto Mode Bolus, or an Accu-Chek Guide Link meter, you can enter them in this screen. If you use a sensor, you may use a BG meter reading you enter in this screen for calibration. You can also enter non-calibration BG meter readings, such as those readings taken when eating or when your BG is rising or falling rapidly.

Injection



Enter the number of units of any insulin you have given by injection.



Note: Insulin units entered using the injection event marker are not added to your Active Insulin amount tracked on the pump.

Food		Enter the amount of carbohydrates that you have eaten or drunk that have not been entered in the Bolus Wizard feature or Auto Mode Bolus. For example, you might enter carbs that you ate to correct a low BG. Do not use this screen to enter carbs that you have already entered in the Bolus Wizard feature or Auto Mode Bolus screen.
Exercise		Enter the length of time you exercised. It is helpful to be consistent and enter the information either before or after each time you exercise.
Other		Examples of Other event markers can include when you take medications, when you feel ill, or when you are under stress.

8

Reminders

Reminders help you remember to do important routine activities. There are specific reminders that prompt you to check your blood glucose (BG) after a bolus, give a food bolus, check your reservoir level, and change your infusion set. There are also personal reminders you can use for any purpose. If you have the sensor feature turned on, the calibration reminder prompts you to calibrate your sensor.

Personal reminders

The Personal reminders include six numbered reminders, along with the specific reminders for BG Check and Medication.

To create a new Personal reminder:

1. Press  and go to the Personal screen.
Options > Reminders > Personal
2. Select **Add New**.
The Select Name screen shows the available reminders.
3. Select the reminder that you want to set.
The Edit screen appears for the selected reminder.
4. Enter the time that you want the reminder to occur.
5. Select **Save**. The Personal reminder occurs at the specified time each day unless you change or delete it.

To edit, rename, or delete an existing Personal reminder:

1. Press  and go to the Personal screen.

Options > Reminders > Personal

2. Select the reminder you want to change.
3. Do any of the following:
 - Select **Reminder** to turn the reminder on or off.
 - Select **Edit** to change the time of the reminder.
 - Select **Rename** to assign a different name to the reminder. When the Select Name screen appears, select any available name from the list.
 - Select **Delete** to delete the reminder.

Bolus BG Check reminder

The Bolus BG Check reminder tells you to check your BG after a bolus. After you start a bolus, the BG Check screen appears and lets you set a reminder to check your BG. The timer counts down from the time the bolus started.

To turn on or turn off Bolus BG Check reminders:

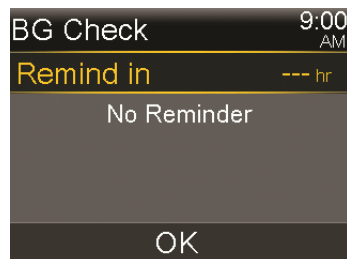
1. Press  and go to the BG Check screen.

Options > Reminders > Bolus BG Check

2. To turn the reminder on or off, select **Reminder**.
3. Select **Save**.

To use a Bolus BG Check reminder when delivering a bolus:

1. After you turn on the Bolus BG Check reminder, each time you start a bolus, the following screen appears:



2. Enter a time from 30 minutes to 5 hours, in 30-minute increments. Select **OK**. If you do not want a reminder after the bolus delivery, select the dashes without adding a time, and then select **OK**. If needed, press $\vee$ to return to the dashes.

Missed Meal Bolus reminder

The Missed Meal Bolus reminder tells you if a bolus is not delivered within a time period that you set. Set time periods around your typical meal times to help ensure a meal bolus is not missed. You can set up to eight Missed Meal Bolus reminders.

To create a new Missed Meal Bolus reminder:

1. Press $\odot$ and go to the Missed Meal Bolus screen.
Options > Reminders > Missed Meal Bolus
2. Select **Add New**.
3. Select **Start Time** and enter a time.
4. Select **End Time** and enter a time. The time range is from one minute to 24 hours.
5. Select **Save**.

To turn on or off, edit, or delete existing Missed Meal Bolus reminders:

1. Press $\odot$ and go to the Missed Meal Bolus screen.
Options > Reminders > Missed Meal Bolus
2. Select the reminder you want to change.
3. Change any of the following:
 - Select **Reminder** to turn this reminder on or off.
 - Select **Edit** to change the time of this reminder.
 - Select **Delete** to delete this reminder.

Low Reservoir reminder

The Low Reservoir reminder tells you when the insulin level in your reservoir is low. It tells you when your reservoir has a specified number of units remaining and again when half of the remaining units are used.



Note: The number of units that remain in your reservoir can be found on the Quick Status screen. For more information on accessing the Status Screens, see *Status screens*, on page 50.



WARNING: When the pump detects a low reservoir condition during a bolus or fill cannula delivery, the Low reservoir alert displays. When delivery has finished, check the amount left in the reservoir to make sure your pump does not run out of insulin, as this could lead to an under delivery of insulin, which may cause hyperglycemia.

Low Reservoir reminder setup:

1. Press  and go to the Low Reservoir screen.
Options > Reminders > Low Reservoir
2. Select **Units** to enter the number of units. Set a value from 5 to 50 units.
3. Select **Save**.

Set Change reminder

The Set Change reminder tells you when your infusion set is due to be changed. After you turn on this reminder, it automatically tracks the time between infusion set changes and reminds you to change your infusion set.

To turn on or off, or change the Set Change reminder:

1. Press  and go to the Set Change screen.
Options > Reminders > Set Change
2. Select **Reminder** to turn the reminder on or off. If you turn on the reminder, select **Time** and choose two or three days for the reminder.
3. Select **Save**.

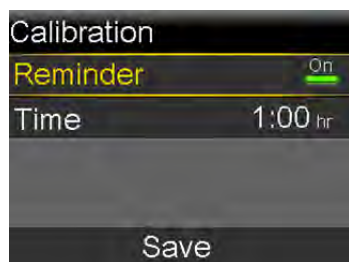
Calibration reminder

The Calibration reminder is available if you use the Sensor feature. This feature helps you remember to calibrate your sensor. For example, if you set your reminder to four hours, you receive a Calibrate by message four hours before the next BG meter reading is due.

To turn on or off, or change the Calibration reminder:

1. Press  and go to the Calibration screen.

Options > Reminders > Calibration



2. Select **Reminder** to turn the reminder on or off.
3. If you turn on the reminder, select **Time** and enter a time between five minutes and six hours. The time can be set in five-minute increments.
4. Select **Save**.

9

General settings

This chapter provides information about common tasks for various settings.

Audio Options

The audio and vibrate options are set in the Audio Options screen. You can also change the volume of most alerts and notifications if audio is enabled.

An audio icon appears on the Home screen. An audio icon indicates if your current settings are audio only , vibrate only , or audio and vibrate both . For more information, see *Status icons*, on page 44.

To adjust the audio and vibrate settings:

1. Press  and select **Audio Options** to go to the Audio Options screen.
2. Select **Audio** or **Vibrate** to turn on a setting. You can use one option or both.
3. If the Audio option is enabled, the volume can be changed. Select **Volume** and press < or > to adjust to the desired level.
4. Select **Save**.

Auto Suspend

Auto Suspend is a safety feature that stops all insulin delivery and sounds an alarm if you do not press any buttons for a specified period of time. For example, your healthcare professional may have you set the time based on the number of hours that you typically sleep at night. Discuss with your healthcare professional how to best use this feature.



Note: The Auto Suspend feature continues working when your pump switches to SmartGuard Auto Mode.

To set up Auto Suspend:

1. Press  and go to the Auto Suspend screen.
Options > Delivery Settings > Auto Suspend
2. Select **Alarm**.
3. Select **Time** and enter the number of hours you want to set.
4. Select **Save**.

Block Mode

The Block Mode feature lets caregivers, such as parents of a young child, restrict access to critical pump settings.



WARNING: Always monitor the pump when it is used in Block Mode. You can manually suspend while in Block Mode. This could result in hyperglycemia and ketoacidosis.

When Block Mode is on, you cannot start a new bolus delivery, start a new basal pattern, or start a new temp basal delivery. Any previous bolus and basal deliveries continue normally, and the pump user can stop a bolus delivery at any time.

When your pump is in Block Mode, you can suspend insulin delivery, receive sensor glucose (SG) values, receive blood glucose (BG) values from your Accu-Chek Guide Link meter, review history, test the pump, and clear alarms and alerts. However, you cannot change any settings.



Note: The Block Mode feature has some differences when your pump is in Auto Mode. See *Block Mode when in SmartGuard Auto Mode*, on page 228.

To turn Block Mode on or off:

1. Press  and go to the Block Mode screen.