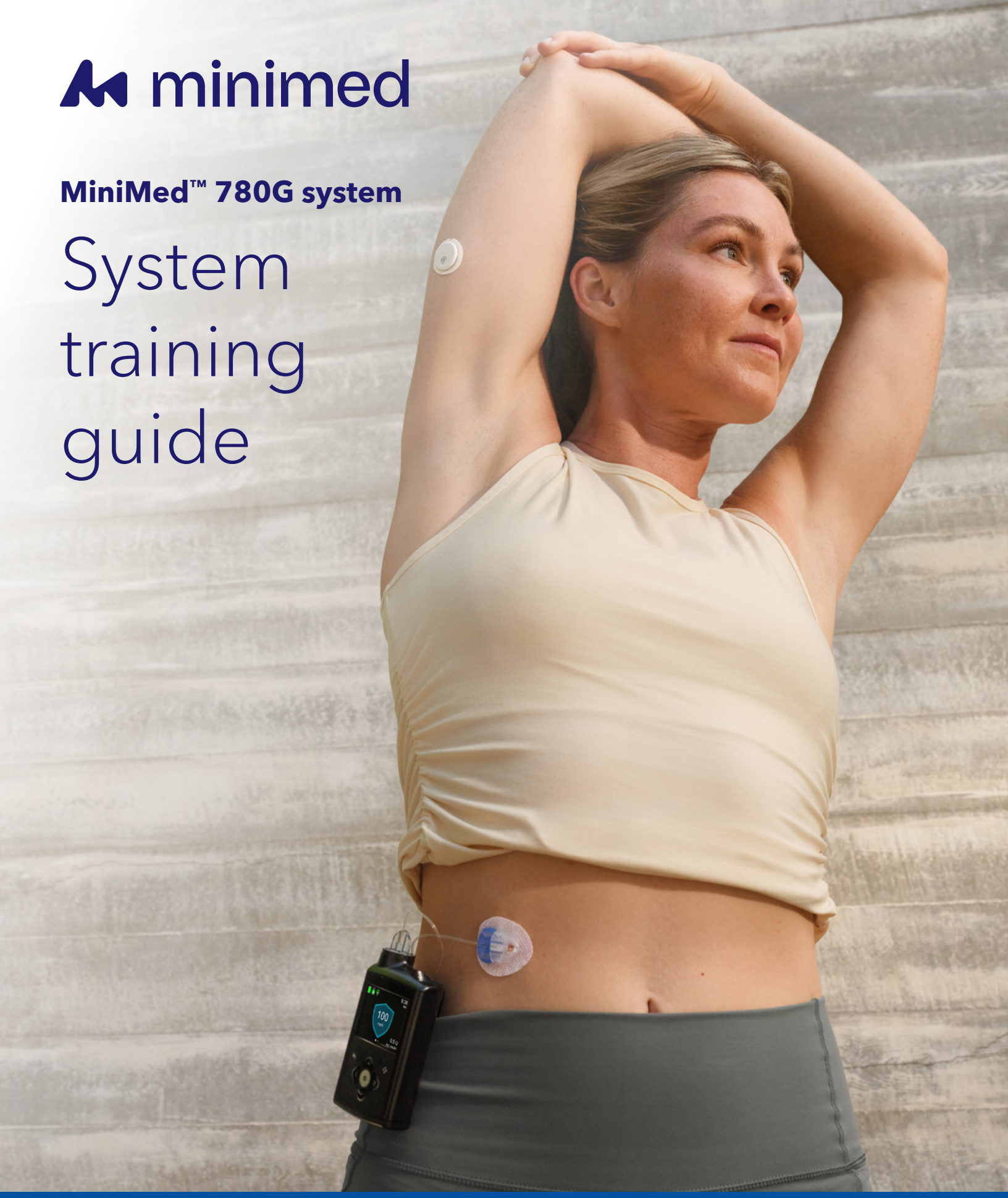
minimed

MiniMed™ 780G system

System training guide



Don't delay. Open and read pages 3-11 right away!

Welcome

Our goal is for your onboarding experience to be as seamless and easy as possible.

This training guide has information you'll need to guide you through the process before, during, and after training.

1 Pre-training

Is this your first insulin pump? Or have you been wearing one for years? Either way, in this section, we're going back to the basics and introducing some new ideas.

Please complete this section prior to your live training. Do not place the pump or sensor on your body before live training.

2 Live system training

This is where you'll have a live demonstration of how to program and use the pump. The sensor will be inserted and you will learn key things about your device. You will leave the live training wearing your MiniMed™ 780G system.

3 Post-training

Even after the training session has ended, we're still here for you. We'll provide resources that offer continued support as you carry on your journey.

Want a little extra support with your pre-training tasks?

Our product support team is available at 1-800-646-4633.

Contents

1

Pre-training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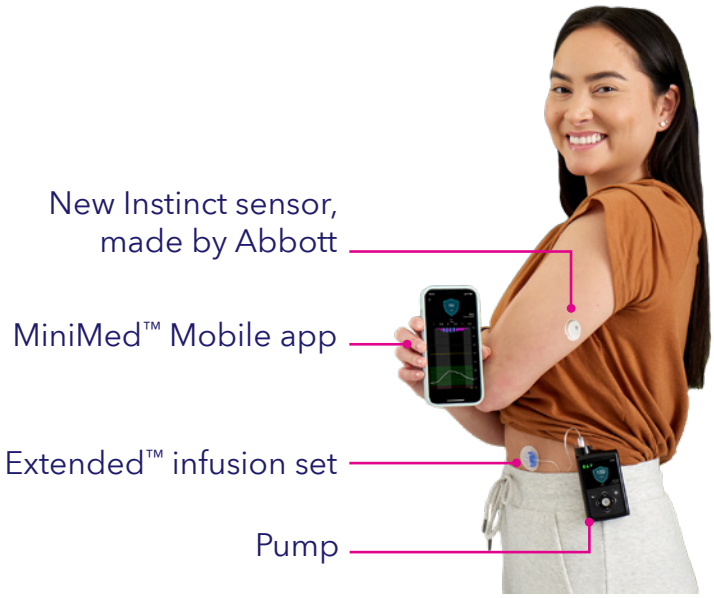
Meet the MiniMed™ 780G system

The MiniMed™ 780G system is an insulin pump that delivers rapid acting insulin into the body and a sensor that measures glucose levels throughout the day and night.



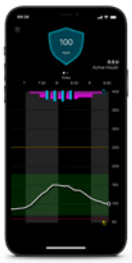
Components of the MiniMed™ 780G system

MiniMed™ 780G pump
Delivers insulin from your reservoir into your body through the infusion set.

Reservoir
Filled with insulin and placed in the pump.

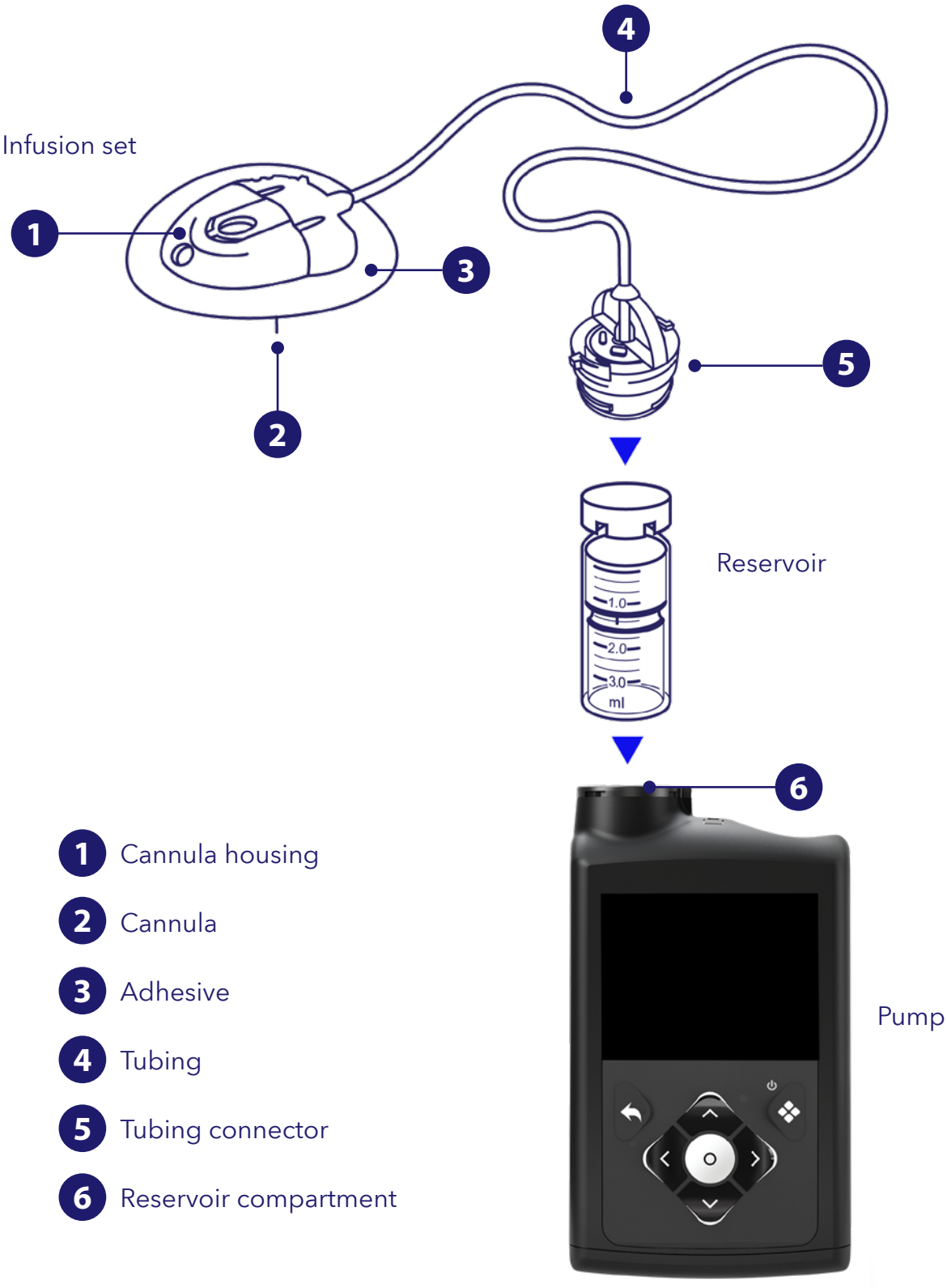
Infusion set
Connects to both the pump and your body. Tubing carries insulin from the pump and delivers it in your body via a cannula that is under your skin.†

Compatible sensor
Measures glucose in the fluid under your skin and sends the values to your pump.



MiniMed™ Mobile app
Shows pump and sensor information directly on your smartphone. Data is sent directly from the pump to your mobile device every 5 minutes. Required to start the Instinct sensor.‡

†The infusion set in this image is the Medtronic Extended™ infusion set; you may be using a different infusion set.
‡You'll need to pair your compatible mobile device to your pump using the MiniMed Mobile app before you can start a new sensor. If you don't have a compatible mobile device, contact Medtronic directly at 1-800-646-4633.



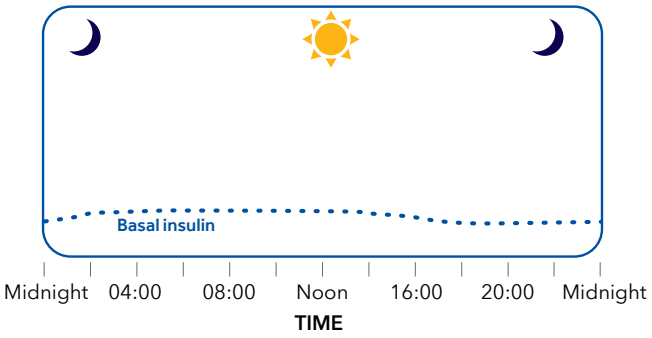
1. Cannula housing
2. Cannula
3. Adhesive
4. Tubing
5. Tubing connector
6. Reservoir compartment

The image above shows one type of infusion set, but there are different kinds. Scan the QR code to visit the infusion set support page and access educational materials tailored to your specific set.
https://www.medtronicdiabetes.com/download-library/minimed-780g-system

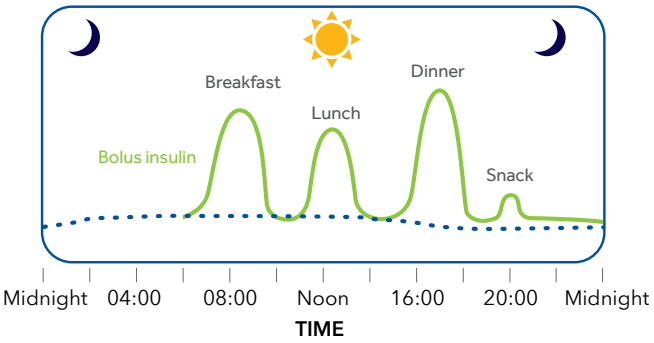
How an insulin pump works

An insulin pump delivers continuous and customized doses of rapid-acting insulin 24 hours a day to match your needs. The pump delivers this insulin in two ways: basal and bolus.

Basal insulin is the "background" insulin your pump delivers 24 hours a day to help keep your glucose levels in range between meals and while you sleep.



A **bolus** is a larger amount of insulin delivered when you eat or to correct a high glucose value.



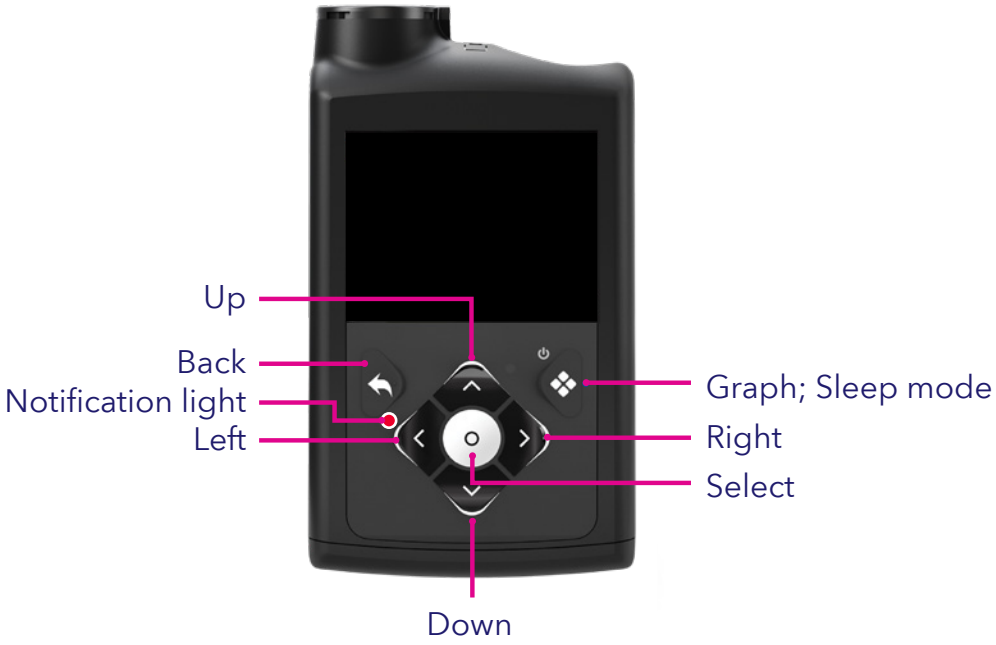
Understanding modes of delivery

Your pump has two modes. Manual mode and SmartGuard™ feature.

In Manual mode, your pump works like a traditional pump. This means it uses the basal and bolus settings prescribed and programmed by your healthcare provider to deliver insulin. Your pump will be in Manual mode (with or without a sensor) when you first start. During this time, you will use the Bolus Wizard™ feature, Preset Bolus, or Manual Bolus to deliver bolus insulin.

The SmartGuard™ feature automatically adjusts basal insulin and delivers correction boluses every 5 minutes based on your sensor glucose values, helping to maintain glucose levels within range. Additionally, you can use the SmartGuard™ Bolus feature to deliver a bolus before meals. To enable these features, you must wear a compatible sensor.

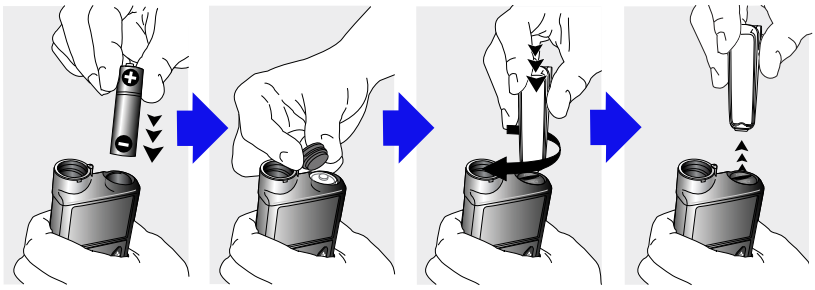
Let's review your pump



For more details about pump buttons, go to page 56 of your System User Guide.

Let's turn on the pump

Insert a new or fully charged AA battery. Make sure to insert the negative end first. Place the battery cap onto the pump. Use the bottom edge of the pump clip or a coin to tighten the cap.



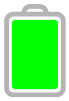
After inserting a fully charged battery, the Startup Wizard will appear.

1. Select Language.
2. Select a time format and set the current time.
3. Enter the current date and select next.

A "Rewinding" message appears. Select **OK** to go to the Home screen.

Pump Home screen

Below explains the icons found on the Home screen:

Item	Icon	Description
Battery icon		How much battery power is left in your pump.
Reservoir icon		How much insulin is left in the reservoir of your pump.
Current time	9:38 AM	The current time.
BG readings		The current reading displays for 12 minutes after being manually entered or sent from a paired meter.
Active insulin	0.0U	How much bolus insulin is still working in your body to lower glucose levels.

Pump Menu screen

Use the menu to go to the following screens:

Item	Icon	Description
Insulin		Deliver insulin, setup, and suspend insulin delivery.
History & Graph		View history, SG review, graph, and time in range.
SmartGuard		Set up the SmartGuard™ feature.
Sound & Vibration		Set sound, vibrate, and volume options.
Reservoir & Set		Set up a new reservoir and infusion set.
Blood Glucose		Enter a BG value.
Status		View the status of the pump and other features.
Paired Devices		Pair devices or CareLink™ software.
Settings		Set up device, delivery, and alert settings.

Let's get your data connected...

Set up the MiniMed™ Mobile app

The MiniMed™ Mobile app is an optional accessory that works with your MiniMed™ 780G system. The app will display your glucose and pump data, and it's required if you use the Instinct sensor to start your sensor. You must have the app to share your data with care partners. You'll also need a CareLink™ Personal account. Don't have one? Follow the MiniMed™ Mobile in-app steps to register.

CareLink™ Personal software helps you to manage your diabetes by turning data from your pump, continuous glucose monitor (CGM), and blood glucose meter into reports.

Make sure to write down your username and password for safekeeping.

CareLink™ username _____

CareLink™ password _____

Download and install the MiniMed™ Mobile app

1. Download the MiniMed™ Mobile app from the app store onto your Android or iOS phone.
2. Open the app.
3. The next several screens show information about how the app works.
4. Tap Next after you read each page.

TIP: Once set up on the app, turn **OFF** notifications until you are ready to start wearing your pump.

Problems downloading the app?
Scan here to make sure your mobile device is compatible.
https://www.medtronicdiabetes.com/customer-support/app-support/device-compatibility

Important: Make sure to turn Automatic Software Updates **OFF** on your mobile device. This can help ensure that you won't be using an unverified version of the apps. If you use an Android™ device, make sure to turn **OFF** the battery optimization setting.

Share CareLink™ Connect app with care partners

CareLink™ Connect app
This app does not need to be downloaded to your phone. If you would like to share you data with others, they will need to download the CareLink™ Connect app on their mobile device. You can have up to five care partners.

For more information refer to your MiniMed™ Mobile app and the CareLink™ Connect app user guide.

Get ready for your system training

What you'll learn

- [ ] Pump menu
- [ ] How your pump works
- [ ] Programming specific settings
- [ ] Inserting your first sensor and infusion set
- [ ] How to manage your insulin pump
- [ ] Day-to-day management expectations

What to bring

- [ ] This system training guide
- [ ] Pump with AA battery
- [ ] 1 box of reservoirs
- [ ] 1 box of infusion sets (and serter, if needed)
- [ ] Juice, glucose tabs, or a snack
- [ ] Vial of rapid-acting insulin
- [ ] 1 box of sensors (if using Guardian™ 4 sensor, bring transmitter, Oval Tape, charger and One-press Serter)
- [ ] Alcohol wipes
- [ ] Compatible mobile device with the MiniMed™ Mobile app installed (if using the Instinct sensor)
- [ ] Your CareLink™ Personal username and password

Need help?

Please call
1-800-646-4633
for assistance.

Avoid programming insulin delivery into your pump prior to live training. To practice button pushing, use the virtual pump:

https://www.medtronicdiabetes.com/minimed-virtual-pump

Notes:

2

Live system training

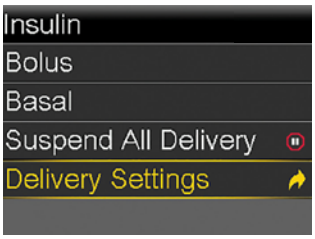

Made by
Abbott

This section should not be completed prior to your live training.
The pump and sensor should not be placed on your body prior to face to face training.

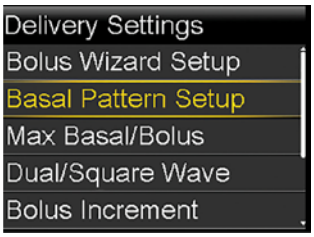
Let's set up your pump

Basal settings

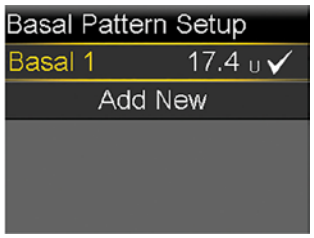
1. Select **Insulin** from the menu.



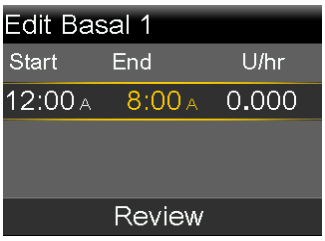
2. Select **Delivery Settings.**



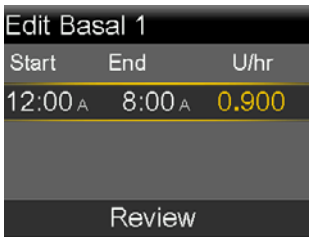
3. Select **Basal Pattern Setup.**



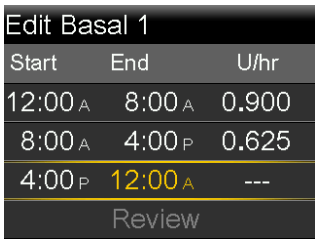
4. Select **Basal 1 > Options > Edit.**



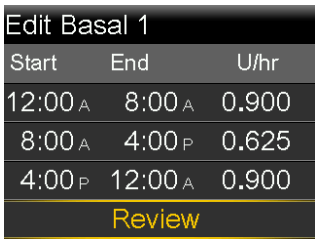
5. Use ▲▼ to set the end time of the first time slot.



6. Use ▲▼ to set the units per hour (U/hr).



7. Set the different time slots.



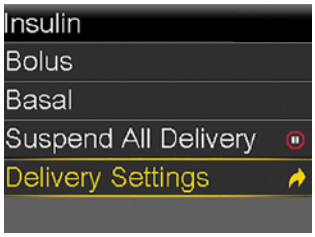
8. When finished, select **Review** and **Save.**

To view the current Basal pattern in use or switch from one Basal pattern to the other, from the **Insulin** menu, select **Basal > Basal Patterns.**

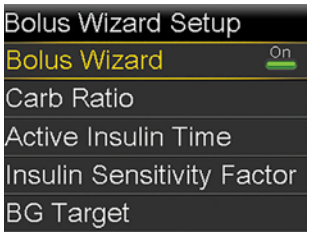
Basal rate values and set times are examples only. Consult your healthcare professional to know the time slots and Basal rates for you.

Bolus Wizard™ settings

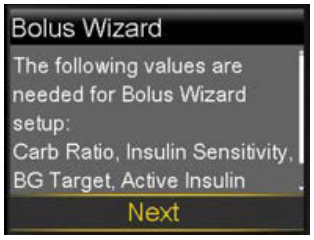
1. Select **Insulin** from the menu.



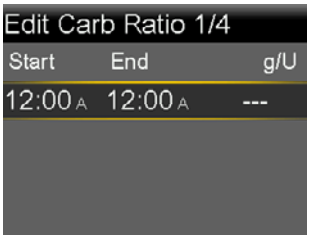
2. Select **Delivery Settings.**



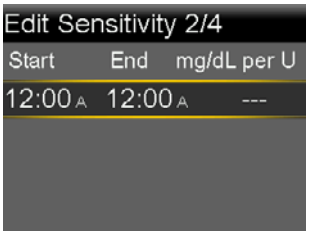
3. Select **Bolus Wizard Setup**, select **Bolus Wizard On.**



4. Read the explanation of the Bolus Wizard, then select **Next**.

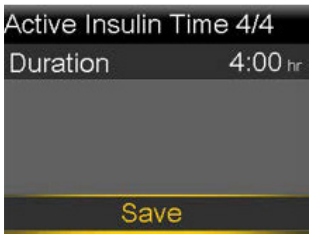


5. Carb Ratio: Use to adjust the end of the time slot and the g/U. Select to **confirm.**



6. Sensitivity: Use to adjust the end of the time slot and the mg/dL. Select to **confirm.**

7. BG Target: Use to adjust the end of the time slot and the mg/dL. Select to **confirm.**



8.Active Insulin Time: Use to adjust. Select to confirm.

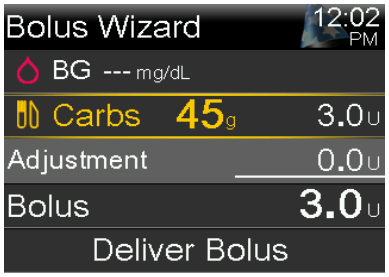
When finished, select **Save.**

Delivery Settings can also be accessed from the **Settings** menu. For more information regarding the Bolus Wizard™ menu, refer to the User Guide for the MiniMed™ 780G system.

Bolus Wizard™ values and set times are examples only. Consult your healthcare professional to know the time slots and Bolus Wizard™ settings for you.

How to bolus

The Bolus Wizard™ feature



Bolus and food

1. From the Home screen, press the down arrow ▼ to access the Bolus Wizard™ feature.
2. **Select Carbs** and use the **Up** ▲ arrow to enter the carb count for the meal, then press **select.**
3. Press **select** to deliver bolus.

Correction Bolus only

1. From the Home screen, press the down arrow ▼ to access the Bolus Wizard™ feature.
2. Press **select** on BG.
3. Enter BG by using up and down arrow ▲▼ press **select**.
4. Press **select** on Save.
5. Select down arrow ▼ to Deliver Bolus, press **Select**.

Correction and Food Bolus

1. From the Home screen, press the down arrow ▼ to access the Bolus Wizard™ feature.
2. Press **select** on BG.
3. Enter BG by using up and down arrow ▲▼ press **select**.
4. Press **select** on Save.
5. Press **select** on **Carbs**, use up and down arrow ▲▼ to enter carbs, press **select**.
6. Press **select** to Deliver Bolus.

How to STOP a bolus delivery

1. While the pump delivers a bolus, press the up arrow ▲ from the Home screen.
2. Select **Stop Bolus**. A message appears confirming if bolus delivery should be stopped.
3. Select **Yes** to confirm. The **Bolus Stopped** screen appears and shows the amount of bolus delivered, and the original bolus amount.
4. Select **Done**.

During live training ensure your active insulin is cleared so only insulin delivered inside your body is accounted for by the pump. For step by step instructions, refer to the MiniMed™ 780G System User Guide.

Reservoir and infusion set

Change the Medtronic Extended™ infusion set and reservoir every 7 days.

Medtronic Extended™ infusion set

Medtronic Extended™ reservoir

Change these infusion sets every 2-3 days.

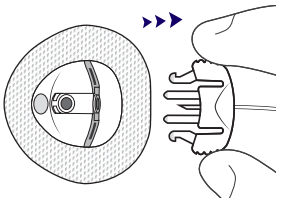
MiniMed™ Mio™ Advance

MiniMed™ Quick-set™

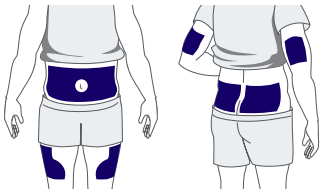
MiniMed™ Silhouette™

MiniMed™ Sure-T™

Reservoir and infusion set change



Always remember to disconnect your infusion set from your body for this process.



Infusion sets can be placed in several locations on your body (see image). The key is to rotate the area that you use to prevent scar tissue from building up.

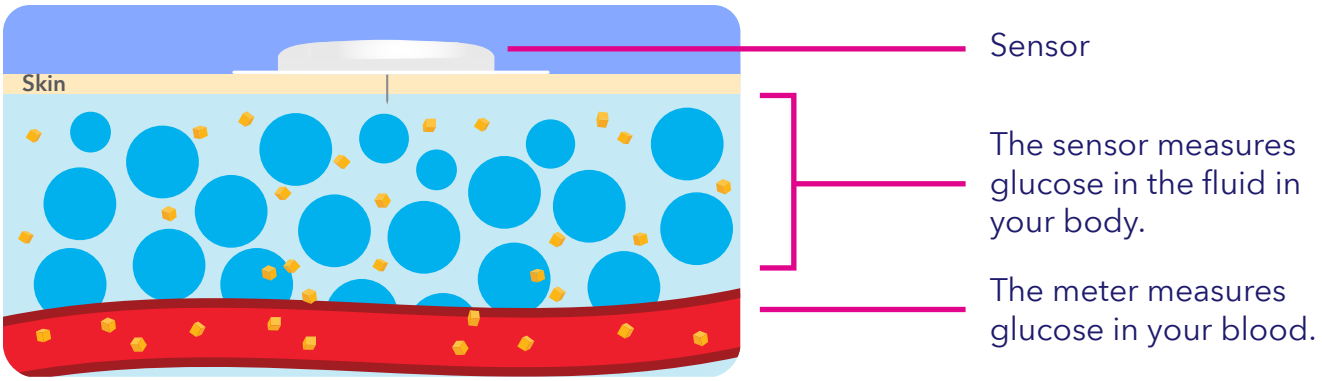
Scan the QR code to visit the infusion set support page and access educational materials tailored to your specific set.
https://www.medtronicdiabetes.com/download-library/minimed-780g-system

Continuous glucose monitoring (CGM)

Do not wear CGM without insulin going into your body via the insulin pump.

Sensor glucose (SG) vs. blood glucose (BG)

Your blood glucose meter measures glucose levels in your blood. The glucose sensor measures glucose in the fluid surrounding your cells. Glucose travels between these two areas. Most of the time glucose travels from your blood vessels into the fluid. So, your blood glucose (BG) meter readings and sensor glucose (SG) readings will be close but will rarely match exactly. This difference is normal and should be expected.



When glucose levels are rising or falling quickly, expect larger differences between your BGs and SGs.

Examples:

- After meals or taking a bolus of insulin
- During exercise
- When arrows appear on your pump screen

Three key things to remember:

1. Larger differences between SG and BG are common on day 1 of sensor wear.
2. Only enter a BG when it's truly needed – more isn't always better.
3. When in doubt, always rely on a BG for treatment decisions.

Instinct sensor

The MiniMed™ Mobile App is required to start the Instinct sensor, made exclusively for MiniMed, with your compatible MiniMed 780G pump.†

Scan to view the sensor insertion video

Insertion site

Ages 7 and older‡
Back of upper arm

The Instinct sensor is indicated for wear only on the back of the upper arm. Avoid scars, moles, stretch marks, or lumps. Pick a flat site that doesn't bend and keep at least 1 inch from insulin injection sites.

How often should you change the sensor? **Up to every 15 days**

Sensor connection tip:
For best connection, wear your **pump** and **Instinct sensor** on the same side of your body. Your infusion set can be worn on either side.

†You'll need to pair your compatible device to your pump using the MiniMed Mobile app before you can start a new sensor. Check device compatibility here: medtronicdiabetes.com/appcheck. If you don't have a compatible device, call Medtronic at 1-877-585-0208.
‡When used with the MiniMed 780G system

Starting the sensor

Step 1:

Tap the **MiniMed Mobile App icon** on your compatible mobile device.

Step 2:

Tap the **Menu button** ☰ (three bars at the top left of the Home screen) to open the menu.

Step 3:

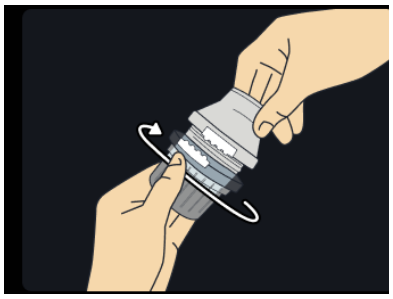
Tap **Start sensor**, followed by **Yes, Instinct.**

Applying the sensor

Follow the app or use the instructions below to apply the sensor.

1. Select site on the back of upper arm.

2. Wash with plain soap, dry, clean with an alcohol wipe, then let air dry.



3. Unscrew cap from Sensor Applicator.

4. Place the Sensor Applicator over site. Push down firmly to apply sensor.

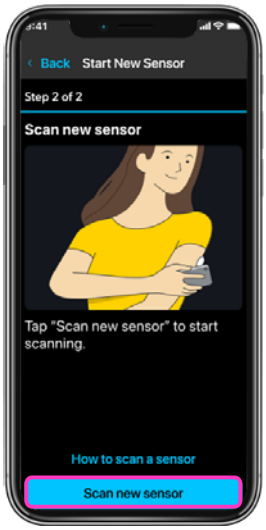
5. Gently pull Sensor Applicator away from your body.

6. Make sure sensor is secure.

Scanning the sensor

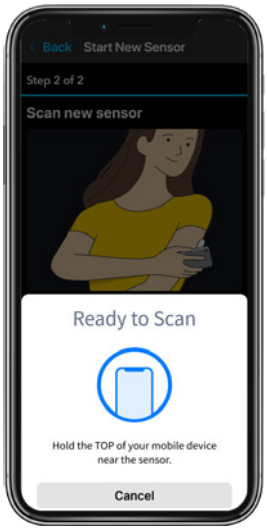
Follow the instructions on your app to scan the sensor. See steps below for reference.

1. On the app, select **Next.**

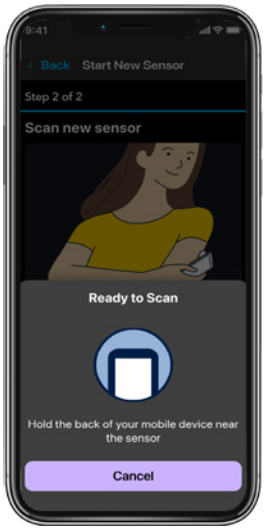


2. Select **Scan new sensor.**

iPhone/iOS



Android

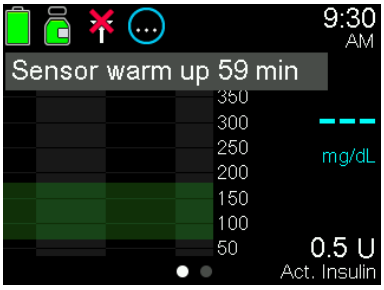


3. Make sure **your pump is on the Home screen.** Hold your mobile device near the sensor until it beeps or vibrates.

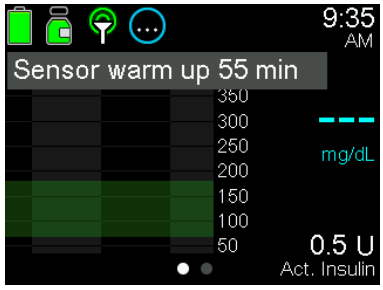
Note: Keep the pump near the sensor until pairing is complete.

Instinct sensor warm up

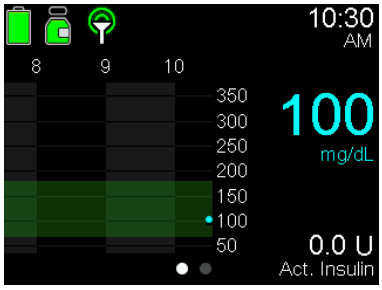
Once your Instinct sensor is paired, the 1-hour warm-up begins.



Instinct sensor warm up starts.



Once pairing is successful, the connection icon turns green. Timer counts down from 1 hour.



When the warm up ends, pump displays SG readings.

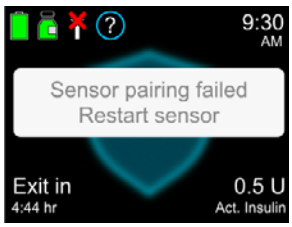
Note: Starting an Instinct sensor will automatically unpair your previous sensor, whether it's a Guardian™, Simplera Sync™, or another Instinct sensor.

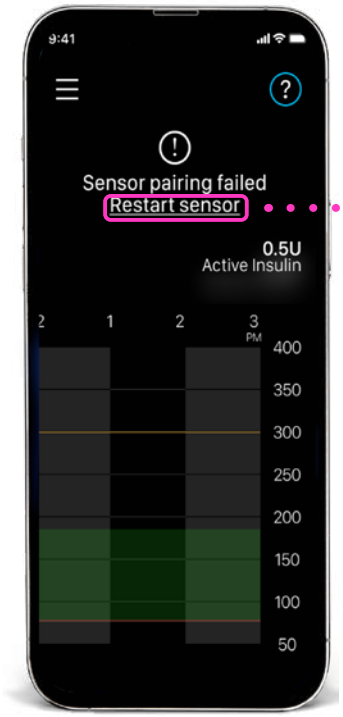
Taking more than 1000 mg of Vitamin C per day may falsely raise your sensor readings, which could cause you to miss a severe low glucose event. Vitamin C can be found in supplements including multivitamins and cold remedies such as Airborne® and Emergen-C®. See your health care professional to understand how long Vitamin C is active in your body.

Instinct sensor-specific software updates

Sensor pairing failed message

The sensor couldn't pair due to a connection issue.

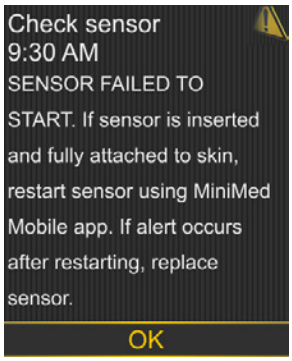




Use the **MiniMed™ Mobile app to restart** the sensor.

Sensor failed to start message

The sensor failed to start.



If either alert happens again, **don't remove the sensor**. Call 1-800-646-4633 for support.

Sensor updating alert

Appears when the sensor glucose (SG) is temporarily unavailable. Select OK to clear. Wait until the specified time, then check SG. Use BG readings for treatment decisions.

When to use a blood glucose value

No fingersticks† *^¶ are needed when in SmartGuard™ technology.

However, you will use BG meter readings instead of SG readings to make treatment decisions in the following cases:

SmartGuard™ shield is visible but the SmartGuard™ bolus recommends using a BG	To enter the SmartGuard™ feature or to re-enter after exited	The most recent SG reading is unavailable	SG readings are different from symptoms you are feeling which is common during the first 12 hours of a new sensor
Anytime a bolus is delivered in Manual mode	"Enter BG" alert appears	"Calibration not accepted, enter BG" or "Failed BG check" alert appears	

*Fingersticks required in manual mode & to enter SmartGuard™. If symptoms don't match alerts & readings, use a fingerstick. Refer to user guide. Pivotal trial participants spend avg of > 93% in SmartGuard™.

^Fingersticks are required for treatment decisions when you see Check Blood Glucose symbol, when symptoms do not match system readings, when you suspect readings may be inaccurate, or when you experience symptoms that may be due to high or low blood glucose.

¶Fingersticks are required if your glucose alarms and readings do not match symptoms or when you see Check Blood Glucose symbol during the first twelve hours.

‡Please refer to your healthcare professional for further guidance regarding use of these medications.

For instructions on sensor insertion, starting a new sensor, and pairing a sensor to the pump, please see:

- Page 20 for Instinct sensor.
- Page 43 in the Appendix for Simplera™ 4 sensor.
- Page 45 in the Appendix for Guardian™ 4 sensor.

Using your sensor

Home screen with sensor

Icon	Description
	A BG is required
	Sensor information unavailable
	Waiting for sensor status to update, including warm-up
	One day or less of sensor life†
	Change sensor

†If using the Simplera Sync™ sensor, the sensor lasts up to 6 days, followed by a 24-hour grace period. When the sensor enters the grace period, a red icon with a clock appears on the Home screen.

Trend arrows

The trend graph indicates how SG may have recently changed.

The number of arrows indicate rate of change.

The direction of the arrow indicates rising or falling glucose value.

You may notice the arrows after eating, giving a bolus, or when exercising.

Viewing the trends

You can view your trends from the pump screen. It'll show you how your body responds to things like exercise, certain types of foods, stress, etc.

Icons on graph represent:

When either a correction bolus or a manual bolus has been given

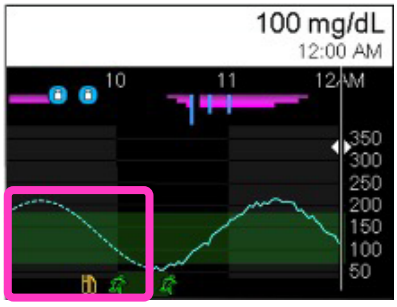
A BG was entered

Bolus amounts that include a carb entry

Press ◈ to view your data and use the **UP** arrow ▲ and **DOWN** arrow ▼ to change to 6-, 12-, or 24-hour graph.

Backfilled sensor graph

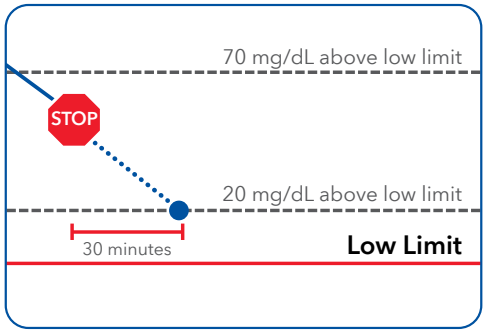
The backfilled graph line appears as a dashed line, showing SG values restored for times when data wasn't sent to your pump in real time, such as during pump and sensor disconnection.



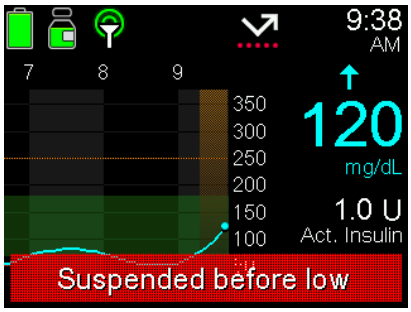
Suspend before low

The MiniMed™ 780G pump collects the data from your sensor every 5 minutes and, when in Manual mode, can make the decision to stop insulin delivery based on the trend in your glucose level.

For example, if your glucose level is trending down too quickly, the pump will stop the insulin delivery in attempt to prevent the low glucose. This is the **Suspend before low** feature.



When the pump suspends insulin due to a Suspend before low or Suspend on low event, the Home screen shows which feature is active.



OR

Always make sure to look at the glucose value and trend arrows to determine next steps.

Basal insulin delivery automatically resumes when certain conditions are met. Basal delivery can be manually resumed at any time.

Daily steps when using Manual mode with CGM

What will your daily steps look like on your new device? Let's talk about expectations for daily management.

1. Count carbs and bolus before you eat.

2. Check BG as needed.

3. Check your glucose trends and respond to notifications.

Here is an example of what a typical day could look like. You should discuss your individual needs with your healthcare professional.

Wake up

Have breakfast
- Check BG†
- Bolus before you eat

Lunch time
- Check BG†
- Bolus before you eat

Exercise
- Set Temp Basal while getting ready
- Have snack on hand

Dinner time
- Check BG†
- Bolus before you eat

Bedtime

†These are only suggested options for BG tests.

The SmartGuard™ feature

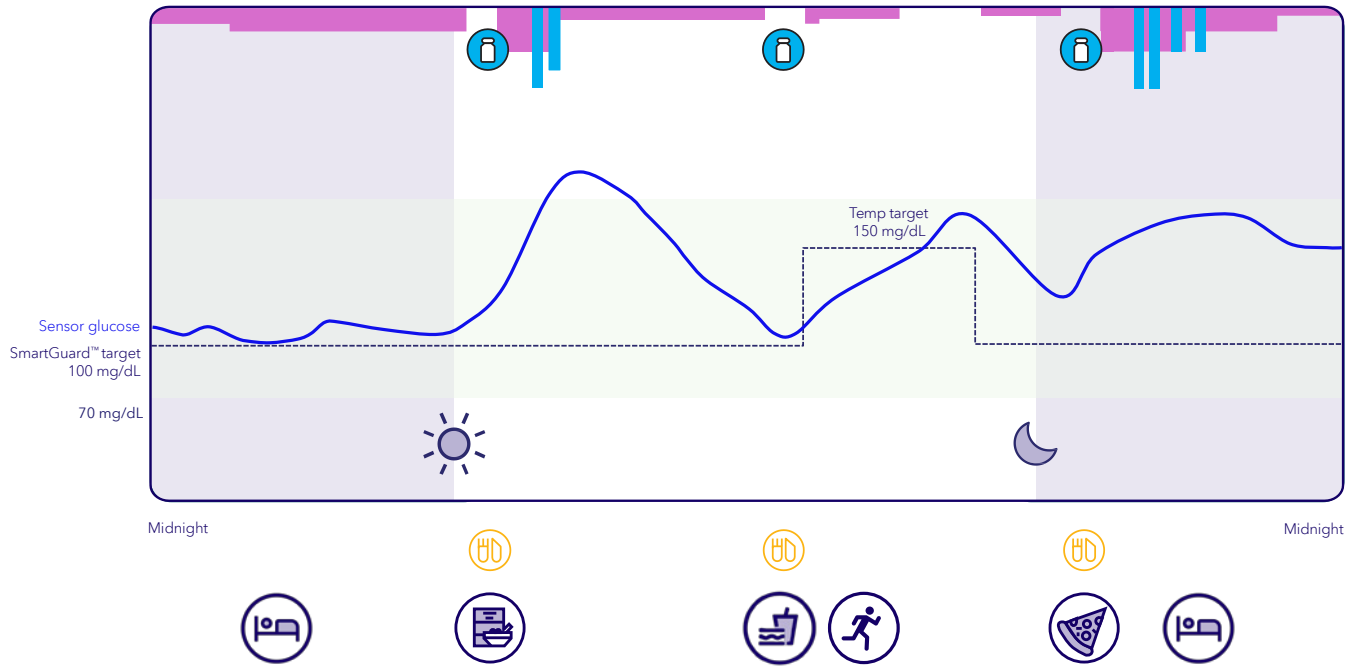
SmartGuard™ technology uses your sensor glucose values to automatically adjust your insulin delivery. The goal is to maximize the amount of time your glucose is between 70-180 mg/dL.

Auto basal automatically adjusts basal insulin delivery every 5 minutes to try to reach your target glucose level, no action is required by you.

Auto correction automatically delivers insulin when needed to help prevent and treat high glucoses, no action is required by you.

Carb entry. Reminder, when using SmartGuard™ feature, you still have to bolus before meals.

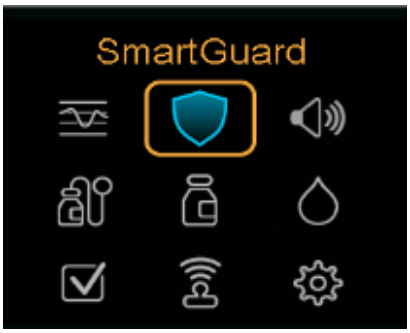
Bolus.



Turning the SmartGuard™ feature on

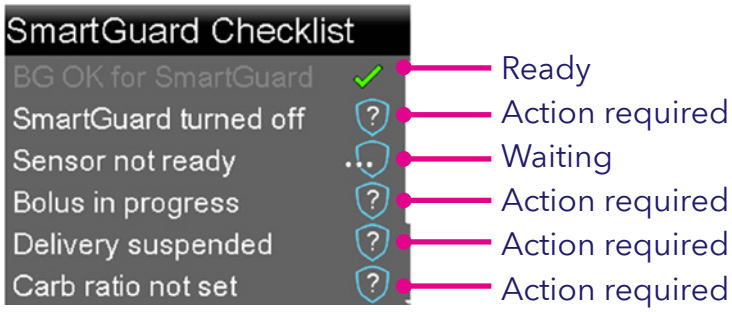
Step 1

- Select the SmartGuard™ menu.
- Scroll down to SmartGuard™ and change to On.
- Go to SmartGuard™ settings, program according to your HCP recommended settings, and select **Save**.

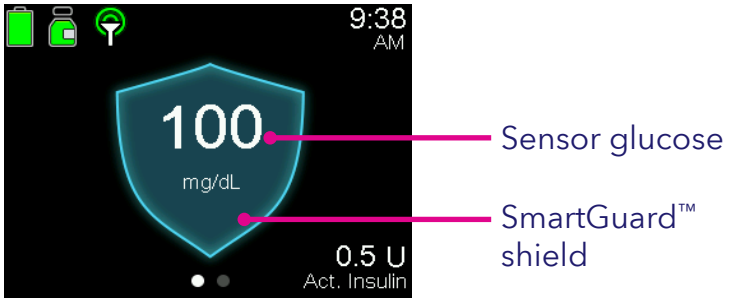


Step 2

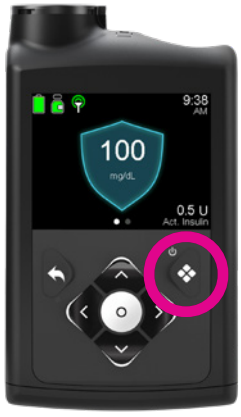
- Review SmartGuard™ checklist.
- You will be required to **enter a BG** to enter the SmartGuard™ feature when you turn it on or if you have exited and want to return.

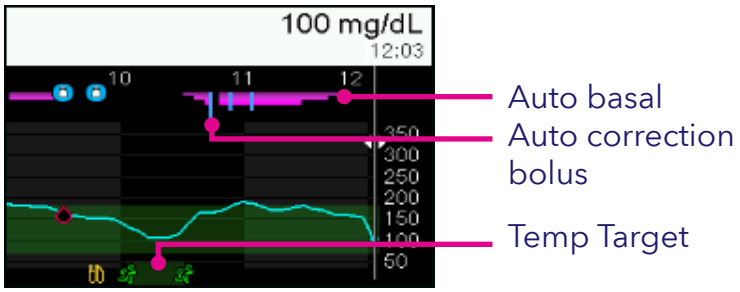


- You will know you are in the SmartGuard™ feature by the blue shield on the Home screen.



- Press the **Graph** button to view the sensor graph.





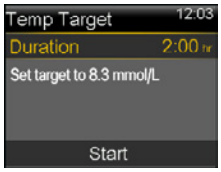
Temp Target

The Smartguard™ target can be temporarily changed to 150 mg/dL for exercise or other times when less insulin is needed. A Temp Target can be set from 30 minutes up to 24 hours. When a Temp Target is active, auto corrections are not delivered.

How to set Temp Target

1. Select **SmartGuard™** menu.

2. Select **Temp Target**



3. Use your up and down arrow ↕ to change duration and press **select.**

4. Select **Start.**

5. A **Temp Target** banner, with remaining time, will appear on the Home screen when a Temp Target is active.

Tip: Consider setting Temp Target 1-2 hours before activity.[†]

[†]O'Neal D et al (2024) Diabetes Technology and Therapeutics 26(3): S84-96

How to Cancel Temp Target

The Temp Target will automatically end once the programmed duration is finished and the programmed SmartGuard™ target will be used. The Temp Target can also be canceled at any time, if needed.

1. Select **SmartGuard™** menu.

2. Select **Cancel Temp Target.**

3. Select **Cancel Temp Target.**

4. The **Temp Target** will be canceled, and the Home screen will appear, with no Temp Target banner.

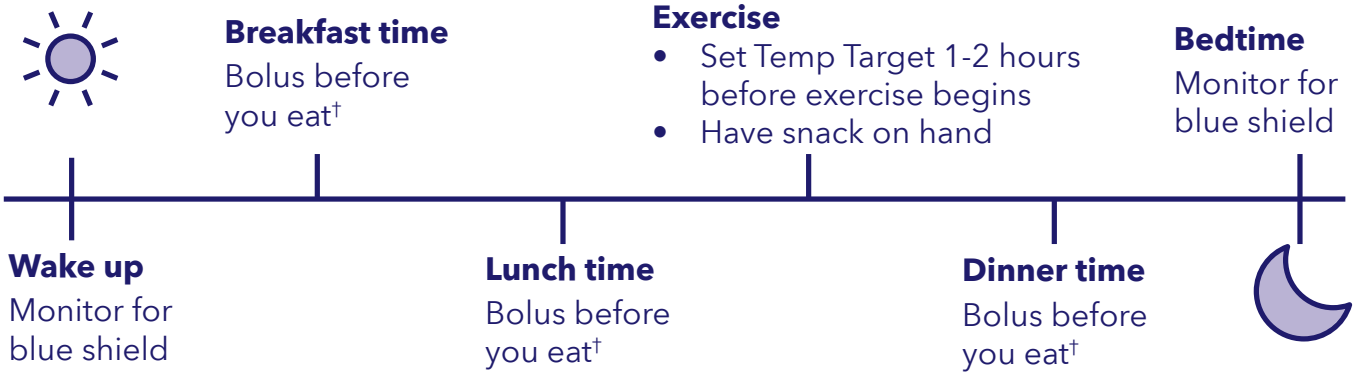
Tip: Remember to stop Temp Target after you finish the activity.

Daily steps when using SmartGuard™ feature

What will your daily steps look like now that you are using the SmartGuard™ feature? Let's talk about expectations for daily management.

1. Bolus before you eat.
2. Respond promptly to alerts and alarms.
3. Check your glucose trends.

Here is an example of what a typical day could look like. You should discuss your individual needs with your healthcare professional.



†When bolusing in the SmartGuard™ feature, SG will populate, and you'll enter the grams of carbs that you plan to eat. The calculated bolus amount cannot be adjusted when using SmartGuard™ feature.

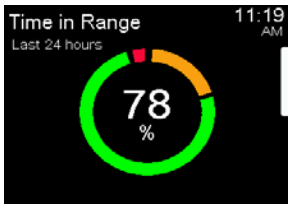
Weekly steps when using the SmartGuard™ feature

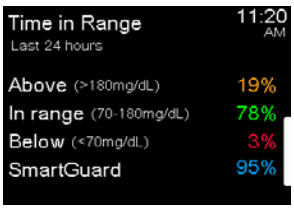
Change your infusion set and reservoir as directed.

Change your sensor according to it's instructions for use.

Shortcuts

View your Time in Range (TIR)

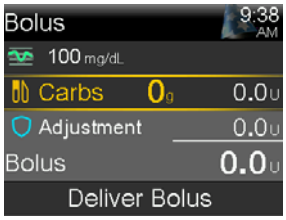




Shortcut: When at Home screen, press Right arrow ▶ to view your Time in Range.

Bolusing

When using SmartGuard™ technology, the sensor glucose automatically populates on the bolus screen and will be used to bolus if a BG hasn't been entered within 12 minutes.



1. From the Home screen, press the down arrow ▼ to access the SmartGuard™ Bolus feature.
2. **Select Carbs** and use the Up arrow ▲ to enter the carb count for the meal, then press **select.**
3. Press **select** to Deliver Bolus.

Changes in air pressure

Can potentially lead to low or high glucose levels.

Check your glucose often when you do activities where pressure, height or gravity changes quickly such as:

- Flying in airplanes
- Riding in rollercoasters

Talk to your HCP about preparing for these situations. Always carry an emergency kit with fast-acting glucose and back up insulin therapy. Respond to alerts and pay attention to how you feel.

Notifications

Your insulin pump has a safety network that will let you know if your attention is needed.

- **Alarms** need your immediate attention. For example, an alarm will sound if your insulin flow is blocked.
- **Alerts** may need your attention, but they are not as urgent as alarms. For example, an alert will sound if your pump battery is running low.
- **Messages** show the status of the pump or display when a decision needs to be made.

There are optional alerts that you may program to customize your system.

The following two notifications are NOT optional and are always on for your safety:

Low SG alarm
SG falls below 55 mg/dL†

High SG alert
SG at or above 250 mg/dL for 3 hours

†For Simplera Sync™ and Guardian™ 4 sensors, the Low SG alarm will trigger when the SG falls below 64 mg/dL.

Safety Information

Low glucose (Glucose drops below 70 mg/dL)

1. Eat/drink 5-15 grams fast-acting carbs

2. Check glucose in 15 minutes

3. Still less than 70 mg/dL? Repeat steps 1&2

High glucose (Glucose high but lower than 250 mg/dL)

1. Give correction bolus with pump

2. Check glucose in 1 hour

3. Troubleshoot pump with technical support if needed

Check for ketones if BG higher than 250 mg/dL

If ketone test is negative:

1. Give correction bolus with pump.
2. Recheck glucose in 1 hour:
   - If glucose is going down, continue to monitor until it's within normal range.
   - If glucose is the same or higher:
     - Give correction dose using a syringe or pen.
     - Change infusion set, reservoir and insulin.
     - Continue to check glucose every hour until it returns to target.
     - Call technical support if needed.

If ketone test is positive:

1. Take correction dose using syringe or pen.
2. Change infusion set.
3. Call technical support if needed..
4. Drink non-carbohydrate fluids.
5. Check glucose every 1-2 hours. Give corrections as needed.
6. If glucose continues to rise or if you have moderate to high ketones, nausea, vomiting, or difficulty breathing, notify physician and go to the nearest emergency room.

Daily life with your MiniMed™ 780G system

Find a convenient place on or under your clothing to wear your pump and go about your day.

Do not wear or place your pump more than 14 inches (35.5 cm) above your infusion site. Doing so can cause an over-delivery of insulin, which may result in hypoglycemia.

Take care of your pump: Avoid using chemicals like sunscreen near it and clean it occasionally with a mild detergent or a 70% alcohol wipe. Handle it with care by changing the infusion set over a table to prevent drops, securing it during physical activities, and inspecting it for damage if dropped.

Flexible tubing allows the pump to lay beside you, be placed in a pocket or clipped to your sleepwear. Just make sure it remains connected to you all night.

Disconnect infusion set to shower or bathe.

Features like the temporary basal rate and temp target allow you to minimize your risk for hypoglycemia during exercise.†

The pump is waterproof at the time of manufacture and when the reservoir and tubing are properly inserted. It is protected against the effects of being underwater to a depth of up to 12 feet (3.6 meters) for up to 30 minutes.‡ Consult your healthcare professional when disconnecting from the pump.

When getting intimate, you may disconnect or leave it in place. It's up to you!

When disconnected from your pump, assess glucose hourly to determine insulin replacement needs.

†O'Neal et al. Diabetes Care 2020; 43:480-483. O'Neal et al. ††Diabetes Technol Ther 2024; 26(3):84-96.
‡At the time of manufacture and when the reservoir and tubing are properly inserted, your pump is waterproof. It is protected against the effects of being underwater to a depth of up to 12 feet (3.6 meters) for up to 30 minutes. This is classified as IPX8 rating. See user guide for more details. The Instinct sensor is water resistant up to 1 meter (3 feet) of water. Do not immerse longer than 30 minutes. The Guardian™ 4 sensor and

Notes:

3

Post-training


Made by
Abbott

Let's do this!

Diabetes never rests, but you are not alone.

We're with you on this journey – from your training session to ongoing support, the service team is always there to help.

Where to look for answers:

Call us

24-hour Technical support: 1-800-646-4633, option 1

Medtronic Supply Management Team: 1-800-646-4633, option 2. Monday-Friday 8 a.m.-6 p.m. CT.

Diabetes.shop for 24/7 supply reordering, replacements and online product learning. For auto-reorder text "AUTO" to 22094.

If you received your supplies from a **distributor**, please identify the distributor by looking at your packing slip and call them for questions about supplies.

Important websites

MiniMed™ 780G System Support website: www.medtronicdiabetes.com/support

Travel tips: https://www.medtronicdiabetes.com/customer-support/traveling-with-an-insulin-pump-or-device

Medical procedures: http://www.medtronicdiabetes.com/customer-support/equipment-interference

Don't forget

- Ask your trainer if you need more tape options
- Set realistic expectations
- Use the shortcut options on the pump for easy navigation

Plan ahead

- Always carry supplies with you to treat lows
- Always pack extra pump supplies when traveling and keep in your carry-on
- Check out the Medtronic loaner program before traveling
- Aim to not be away from your pump or disconnected for more than one hour

Practice good bolus behaviors

- Count and enter carbs prior to eating
- Enter accurate information into the pump

Follow CGM guidelines

- Respond promptly to all alerts and alarms
- Use your Temp Target to minimize low glucose when being more active

What happens now that you've completed your training?

First infusion set change:

First sensor change:

SmartGuard™ feature starts:

Trainer contact Info:

Notes:

4

Appendix


Made by
Abbott

Simplera Sync™ sensor

Insertion site

Ages 7 and older

Back of upper arm

Scan to view the sensor insertion video

Do not use Simplera Sync™ sensor on the abdomen or other body sites including the buttocks, due to unknown or different performance that could result in hypoglycemia or hyperglycemia.

How often should you change the sensor? **Weekly**

Start a new sensor

Prepare

- Wash hands thoroughly with soap and water.
- Choose an insertion site that has sufficient amount of fat.
- Clean the insertion site with alcohol. Let the insertion site air dry.
- Inspect the cap label and tamper band for damage.
- Unscrew the cap from the inserter, breaking the tamper band.

Insert

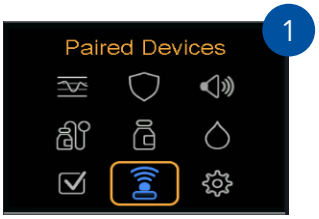
- Place the inserter on the skin of the prepared insertion site.
- To insert the sensor, press the inserter firmly against the body until you hear a click.
- Gently pull the inserter straight away from the body.

Start a new sensor (continued)

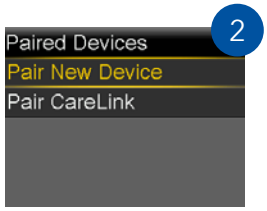
Secure

- Use a smooth, continuous motion to smooth down the sensor adhesive with your finger, to ensure the sensor stays on the body for the entire length of wear.
- Use of over-the-counter tape is not required but may be used if needed for additional adhesion.

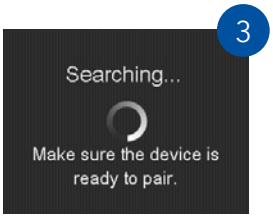
Pair your sensor



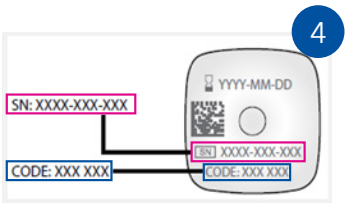
Select **Pair Devices.**



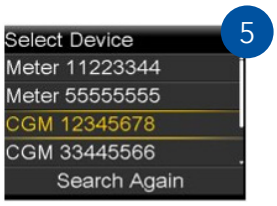
Select **Pair New Device.**



Search



On top of the Simplera Sync™ inserter, locate the serial number (SN) and CODE.

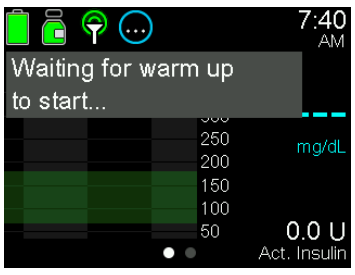


If the SN on the pump screen does not match, select **Search Again.**

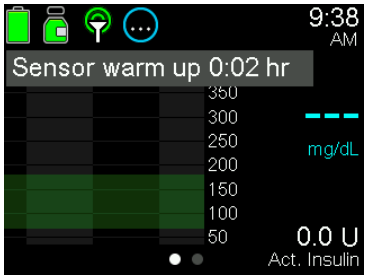
The **Confirm CODE** screen appears.

Note: If the Simplera Sync™ sensor is not paired with the pump within 20 minutes after the cap is removed from the inserter, enter the CODE manually and select **Confirm** to pair the sensor.

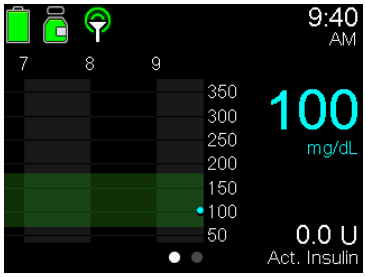
Simplera Sync™ sensor warm up



Simplera Sync™ sensor warm up starts



Timer counts down from 2 hours



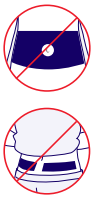
When warm up ends, pump displays SG readings

Guardian™ 4 sensor

Insertion site

Ages 7 and older

Back of upper arm

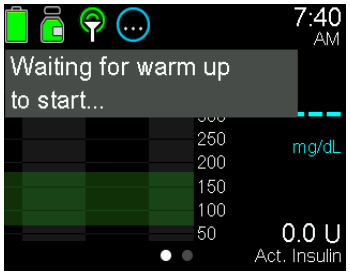


Do not use Guardian™ 4 sensor on the abdomen or other body sites including the buttocks, due to unknown or different performance that could result in hypoglycemia or hyperglycemia.

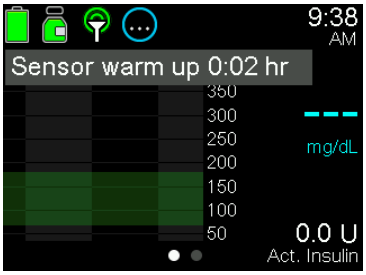
For additional support call 1-800-646-4633, option 1 or visit medtronicdiabetes.com/support

For details on sensor insertion, please consult the Guardian™ 4 Sensor User Guide. Scan QR code to watch a Guardian™ 4 sensor insertion video.
https://youtu.be/UHqzOIt_-RY

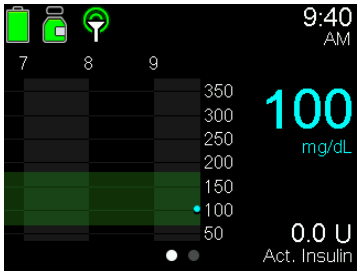
Guardian™ 4 sensor warm up



Guardian™ 4 sensor warm up starts



Timer counts down from 2 hours



When warm up ends, pump displays SG readings

When to use a blood glucose value

No fingersticks† *^¶ are needed when in SmartGuard™ technology.

However, you will use BG meter readings instead of SG readings to make treatment decisions in the following cases:

Do not use CGM while taking hydroxyurea

SmartGuard™ shield is visible but the SmartGuard™ bolus recommends using a BG	To enter the SmartGuard™ feature or to re-enter after exited	A medication containing acetaminophen or paracetamol have been taken‡	The most recent SG reading is unavailable
SG readings are different from symptoms you are feeling which is common during the first 12 hours of a new sensor	Anytime a bolus is delivered in Manual mode	"Enter BG" alert appears	"Calibration not accepted, enter BG" or "Failed BG check" alert appears

*Fingersticks required in manual mode & to enter SmartGuard™. If symptoms don't match alerts & readings, use a fingerstick. Refer to user guide. Pivotal trial participants spend avg of > 93% in SmartGuard™.

^Fingersticks are required for treatment decisions when you see Check Blood Glucose symbol, when symptoms do not match system readings, when you suspect readings may be inaccurate, or when you experience symptoms that may be due to high or low blood glucose.

¶Fingersticks are required if your glucose alarms and readings do not match symptoms or when you see Check Blood Glucose symbol during the first twelve hours.

‡Please refer to your healthcare professional for further guidance regarding use of these medications.

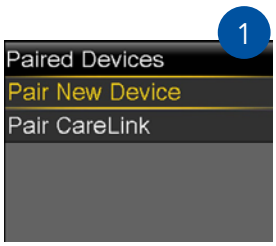
Guardian™ 4 sensor

Charge the transmitter

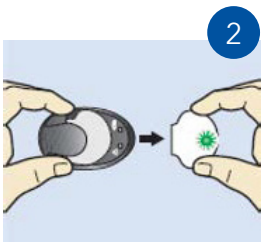
1. When the transmitter is charging, a green light will flash on the charger.
2. When charging is done, the green light will stay on, and then turn off.
3. If you see a flashing red light on the charger, replace the AAA battery in the charger.

How often should you change the sensor? **Weekly**

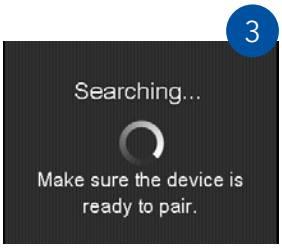
Pair the charged Guardian™ 4 Transmitter



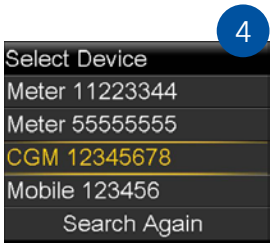
Select **Pair New Device**



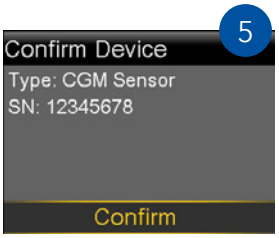
Remove transmitter from the charger to put into 'search mode'.



Search



Select **Device**

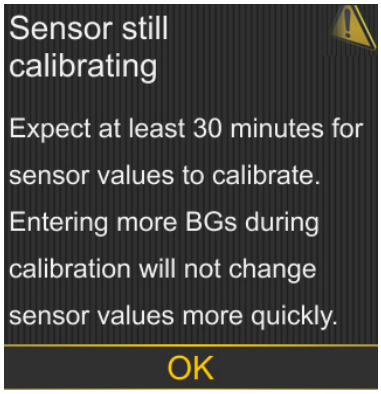


Confirm Device

Simplera Sync™ and Guardian™ 4 sensor-specific software update

Sensor still calibrating message

This message reminds you it takes at least 30 minutes for your sensor to calibrate. Do not enter multiple BGs. If calibration fails, wait 30 minutes before trying again.



Important safety information:

MINIMED™ 780G SYSTEM WITH SMARTGUARD™ TECHNOLOGY WITH INSTINCT SENSOR

The MiniMed™ 780G system is intended for continuous delivery of basal insulin at selectable rates, and the administration of insulin boluses at selectable amounts for the management of type 1 diabetes mellitus in persons seven years of age and older requiring insulin as well as for the continuous monitoring and trending of glucose levels in the fluid under the skin. The MiniMed™ 780G System includes SmartGuard™ technology, which can be programmed to automatically adjust insulin delivery based on the continuous glucose monitoring (CGM) sensor glucose values and can suspend delivery of insulin when the sensor glucose (SG) value falls below or is predicted to fall below predefined threshold values.

The Instinct sensor can be used one time and has a life up to 15 days. The Instinct sensor is not intended to be used directly to make therapy adjustments while the MiniMed™ 780G is operating in manual mode. All therapy adjustments in Manual mode should be based on measurements obtained using a blood glucose meter and not on values provided by the Instinct sensor. The Instinct sensor has been studied and is approved for use in patients ages 7 years and older and in the arm insertion site only. Only apply the sensor to the back of your upper arm. The sensor may not work properly in other areas.

The Medtronic MiniMed™ 780G System consists of the following devices: MiniMed™ 780G Insulin Pump and the Instinct sensor. The system requires a prescription from a healthcare professional.

WARNING: Do not use the SmartGuard™ feature for people who require less than 8 units or more than 250 units of total daily insulin per day. A total daily dose of at least 8 units, but no more than 250 units, is required to operate in the SmartGuard™ feature.

WARNING: Do not use the MiniMed™ 780G system until appropriate training has been received from a healthcare professional. Training is essential to ensure the safe use of the MiniMed™ 780G system.

WARNING: Do not use SG values to make treatment decisions, including delivering a bolus, while the pump is in Manual Mode. When the SmartGuard™ feature is active and you are no longer in Manual Mode, the pump uses an SG value, when available, to calculate a bolus amount. However, if your symptoms do not match the SG value, use a blood glucose (BG) meter to confirm the SG value. Failure to confirm glucose levels when your symptoms do not match the SG value can result in the infusion of too much or too little insulin, which may cause hypoglycemia or hyperglycemia.

Pump therapy is not recommended for people whose vision or hearing does not allow for the recognition of pump signals, alerts, or alarms. The safety of the MiniMed™ 780G system has not been studied in pregnant women, persons with type 2 diabetes, or in persons using other anti-hyperglycemic therapies that do not include insulin. For complete details of the system, including product and important safety information such as indications, contraindications, warnings and precautions associated with system and its components, please consult https://www.medtronicdiabetes.com/important-safety-information#minimed-780g and the appropriate user guide at https://www.medtronicdiabetes.com/download-library

Important safety information:

MINIMED™ 780G SYSTEM WITH SMARTGUARD™ TECHNOLOGY WITH SIMPLERA SYNC™ SENSOR

The MiniMed™ 780G system is intended for the continuous delivery of basal insulin at selectable rates, and the administration of insulin boluses at selectable rates for the management of type 1 diabetes mellitus in persons 7 years of age and older, and of type 2 diabetes mellitus in persons 18 years of age and older requiring insulin. The system is also intended to continuously monitor glucose values in the fluid under the skin. The MiniMed™ 780G system includes SmartGuard™ technology, which can be programmed to automatically adjust insulin delivery based on continuous glucose monitoring (CGM) sensor glucose values and can suspend delivery of insulin when the SG value falls below or is predicted to fall below predefined threshold values.

The Simplera Sync™ sensor can be used one time and has a life up to 6 days, followed by a grace period of 24 hours. During the grace period, the sensor will continue to work as it did during the first 6 days, to allow the patient to change their sensor more flexibly. However, some sensors may not survive the full wear period for a variety of reasons. Please be prepared to replace the sensor during the grace period to ensure sensor glucose values continue to be monitored.

The Simplera Sync™ sensor is not intended to be used directly to make therapy adjustments while the MiniMed 780G is operating in manual mode. All therapy adjustments in Manual mode should be based on measurements obtained using a blood glucose meter and not on values provided by the Simplera Sync™ sensor. The Simplera Sync™ sensor has been studied and is approved for use in patients ages 7 years and older and in the arm insertion site only. Do not use the Simplera Sync™ sensor in the abdomen or other body sites, including the buttocks, due to unknown or different performance that could result in hypoglycemia or hyperglycemia.

The Medtronic MiniMed™ 780G System consists of the following devices: MiniMed™ 780G Insulin Pump, Simplera Sync™ sensor, the Accu-Chek™Guide Link blood glucose meter, and the Accu-Chek™Guide Test Strips. The system requires a prescription from a healthcare professional.

WARNING: Do not use the SmartGuard™ feature for people who require less than 8 units or more than 250 units of total daily insulin per day. A total daily dose of at least 8 units, but no more than 250 units, is required to operate in the SmartGuard™ feature.

WARNING: Do not use the MiniMed™ 780G system until appropriate training has been received from a healthcare professional. Training is essential to ensure the safe use of the MiniMed™ 780G system.

WARNING: Do not use SG values to make treatment decisions, including delivering a bolus, while the pump is in Manual Mode. When the SmartGuard™ feature is active and you are no longer in Manual Mode, the pump uses an SG value, when available, to calculate a bolus amount. However, if your symptoms do not match the SG value, use a BG meter to confirm the SG value. Failure to confirm glucose levels when your symptoms do not match the SG value can result in the infusion of too much or too little insulin, which may cause hypoglycemia or hyperglycemia.

Pump therapy is not recommended for people whose vision or hearing does not allow for the recognition of pump signals, alerts, or alarms. The safety of the MiniMed™ 780G system has not been studied in pregnant women, persons with type 2 diabetes, or in persons using other anti-hyperglycemic therapies that do not include insulin. For complete details of the system, including product and important safety information such as indications, contraindications, warnings and precautions associated with system and its components, please consult https://www.medtronicdiabetes.com/important-safety-information#minimed-780g and the appropriate user guide at https://www.medtronicdiabetes.com/download-library

Important safety information:

MINIMED™ 780G SYSTEM WITH SMARTGUARD™ TECHNOLOGY WITH GUARDIAN™ 4 SENSOR

The MiniMed™ 780G system is intended for the continuous delivery of basal insulin at selectable rates, and the administration of insulin boluses at selectable rates for the management of type 1 diabetes mellitus in persons 7 years of age and older, and of type 2 diabetes mellitus in persons 18 years of age and older requiring insulin. The system is also intended to continuously monitor glucose values in the fluid under the skin. The MiniMed™ 780G system includes SmartGuard™ technology, which can be programmed to automatically adjust insulin delivery based on continuous glucose monitoring (CGM) sensor glucose values and can suspend delivery of insulin when the SG value falls below or is predicted to fall below predefined threshold values.

The Medtronic MiniMed™ 780G system consists of the following devices: MiniMed™ 780G Insulin Pump, the Guardian™ 4 Transmitter, the Guardian™ 4 Sensor, One-press serter, the Accu-Chek™Guide Link blood glucose meter, and the Accu-Chek™Guide Test Strips. The system requires a prescription from a healthcare professional.

The Guardian™ 4 Sensor is intended for use with the MiniMed™ 780G system and the Guardian 4 transmitter to monitor glucose levels for the management of diabetes. The sensor is intended for single use and requires a prescription. The Guardian™ (4) sensor is indicated for **up to** seven days of continuous use.

The Guardian™ 4 sensor is not intended to be used directly to make therapy adjustments while the MiniMed™ 780G is operating in manual mode. All therapy adjustments in manual mode should be based on measurements obtained using a blood glucose meter and not on values provided by the Guardian™ 4 sensor. The Guardian™ 4 sensor has been studied and is approved for use in patients ages 7 years and older and in the arm insertion site only. Do not use the Guardian™ 4 sensor in the abdomen or other body sites including the buttocks, due to unknown or different performance that could result in hypoglycemia or hyperglycemia.

WARNING: Do not use the SmartGuard™ feature for people who require less than 8 units or more than 250 units of total daily insulin per day. A total daily dose of at least 8 units, but no more than 250 units, is required to operate in the SmartGuard™ feature.

WARNING: Do not use the MiniMed™ 780G system until appropriate training has been received from a healthcare professional. Training is essential to ensure the safe use of the MiniMed™ 780G system.

WARNING: Do not use SG values to make treatment decisions, including delivering a bolus, while the pump is in Manual Mode. When the SmartGuard™ feature is active and you are no longer in Manual Mode, the pump uses an SG value, when available, to calculate a bolus amount. However, if your symptoms do not match the SG value, use a BG meter to confirm the SG value. Failure to confirm glucose levels when your symptoms do not match the SG value can result in the infusion of too much or too little insulin, which may cause hypoglycemia or hyperglycemia

Pump therapy is not recommended for people whose vision or hearing does not allow for the recognition of pump signals, alerts, or alarms. The safety of the MiniMed™ 780G system has not been studied in pregnant women, persons with type 2 diabetes, or in persons using other anti-hyperglycemic therapies that do not include insulin. For complete details of the system, including product and important safety information such as indications, contraindications, warnings and precautions associated with system and its components, please consult https://www.medtronicdiabetes.com/important-safety-information#minimed-780g and the appropriate user guide at https://www.medtronicdiabetes.com/download-library

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