



a Dexcom company

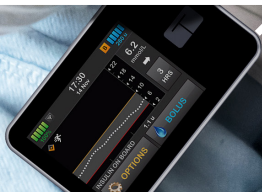


TANDEM
Diabetes Care

t:slim X2™

WITH **Control-IQ** TECHNOLOGY

Pump Start Training Booklet



You have been given this resource because your healthcare professional has chosen this product as a suitable treatment option for you.

ALWAYS READ THE LABEL AND FOLLOW THE DIRECTIONS FOR USE. Read the warnings available on amsldiabetes.com.au/resources before purchasing.

Table of Contents

Welcome to Pumping with Tandem	1
My t:slim X2 Insulin Pump Settings	2
Personal Profiles	2
Device Settings	3
Pump Alert Settings	4
Quick Reference Guides	5
Dexcom G7 Sensor Sessions	5
Dexcom G6 Sensor Sessions	6
Control-IQ Technology	7
Sleep & Exercise Activities	9
View Status	11
Personal Profiles	13
Instructions for Drawing up Insulin into Syringe	14
Instructions for Filling the Cartridge	14
Load a Cartridge	15
t:lock™ Infusion Sets & Cartridge	16
Bolus	25
Extended Bolus	26
Setting a Temp Basal Rate	27
Stop and Resume Insulin Delivery	28
Tips for Success	29
Tandem t:slim mobile app: Pairing the Mobile App	30
Tandem t:slim mobile app: Mobile Bolus	33
Tandem Source Software Setup Guide	35
t:slim X2 System Options and Settings	33
Flying with your Tandem Insulin Pump	37
t:slim X2™ System Specifications	38
t:slim X2™ System Options and Settings	39

Welcome to Pumping with Tandem

Hi there!

Thank you for choosing the t:slim X2 insulin pump to help manage your diabetes.

This booklet will provide you with some helpful resources to get you started. For more information, please refer to your t:slim X2 insulin pump User Guide.

If you have any concerns about your insulin dosage, blood glucose (BG) or ketone levels, please contact your healthcare professional or emergency department, as we are unable to advise on these issues or any clinical aspect of your diabetes management.



If you need technical assistance with your insulin pump, we have a dedicated **24/7 Australian-based Technical Support Team** available on 1300 851 056.



The Tandem demo t:simulator app* can help your family/support team get familiar with your new pump! Search for the t:simulator on the App Store or Google Play.

*This application is for demonstration purposes only and is not identical to the functionality of the t:slim X2 insulin pump. It should not be used for therapy decisions. To see which smart devices are compatible with the t:simulator App, please refer to the app's full listing on The App Store and Google Play.

My t:slim X2™

Insulin Pump Settings

This document will assist with entering all of your settings provided by your healthcare professional into your new t:slim X2 insulin pump. This may be useful to complete as a record of your initial settings for later reference.

PUMP SETTINGS

Options > My Pump > Personal Profiles > Pump Settings

Quick Bolus

Provides a shortcut to deliver a bolus conveniently

☐ Off ☐ On

Increment Type ☐ Off ☐ On

Increment Amount u or g

Max Bolus u

Basal Limit u/hr

PERSONAL PROFILES

to begin, select:
Options > My Pump > Personal Profiles > +

Program No. 1: e.g “Workday”

TIMED SETTINGS

Time	Basal rate	Correction factor	Carb ratio	Target BG
12:00/00:00				

BOLUS SETTINGS

Insulin Duration	Carbs
Hours	<input type="radio"/> On <input type="radio"/> Off

Program No. 2

TIMED SETTINGS

Time	Basal rate	Correction factor	Carb ratio	Target BG
12:00/00:00				

BOLUS SETTINGS

Insulin Duration	Carbs
Hours	<input type="radio"/> On
	<input type="radio"/> Off

DEVICE SETTINGS

Select:

Options > ↓ > Device Settings

DISPLAY SETTINGS

Edit Screen Timeout Settings

Choose between 15, 30, 60 or 120 secs.

BLUETOOTH SETTINGS

Mobile Connection

Set to "On" if using the t:slim Mobile App.

☐ Off ☐ On

TIME AND DATE

Edit Time/Edit Date

To ensure accuracy of settings and data.

SOUND VOLUME

Edit Volume Settings

SECURITY PIN

Security PIN ☐ Off ☐ On

Set up 4-6 digit security PIN as desired

PUMP SETTINGS

Select:

Options > My Pump > Alerts & Reminders > Pump Reminders

LOW BG

☐ Off ☐ On

Remind me below

mmol/L

Remind me after

mins/hrs

HIGH BG

☐ Off ☐ On

Remind me above

mmol/L

Remind me after

mins/hrs

AFTER BOLUS BG

☐ Off ☐ On

Remind me after

mins/hrs

NOTE: Pump Reminders may not be required if you are using Control-IQ technology and CGM, which both have their own alerts. Speak with your HCP to determine which reminders/alerts will suit you best.

MISSED MEAL BOLUS > SET REMINDER

Edit Selected Days, Start Time and End Time.

Select:

Options > My Pump > Alerts & Reminders > Pump Alerts

Low insulin

units

Auto-off

☐ Off ☐ On

hrs

*default setting will depend on pump software version

In order to begin using your new t:slim X2 insulin pump, you must manually enter the settings discussed with your healthcare professional (or directly from your previous insulin pump if applicable) into your new t:slim X2 insulin pump using the information you have recorded on the previous pages.

Contact your healthcare professional team if you have any questions about the settings you are entering. Failure to use settings determined by your healthcare professional team will likely result in incorrect insulin delivery.

If you require technical assistance with your insulin pump, please call our Technical Support team on **1300 851 056**.

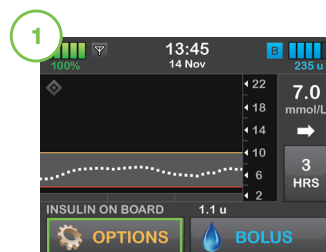
IMPORTANT: These instructions are simplified to supplement training by your healthcare professional. Before you begin, you should carefully read the t:slim X2 insulin pump User Guide and any inserts that come with your system.

Dexcom G7 Sensor Sessions

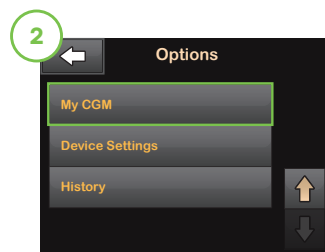
ON THE T:SLIM X2™ INSULIN PUMP



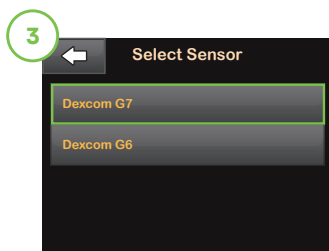
NOTE: These instructions are provided as a reference tool for pump users and caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of the t:slim X2 pump, please refer to its user guide.



From the Home screen, tap **OPTIONS**.

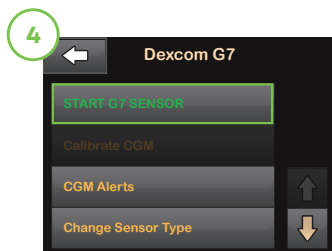


Tap the down arrow and then tap **My CGM**.



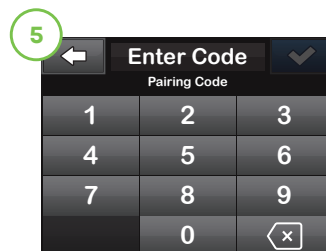
If this is the first time using a Dexcom G7 sensor, tap the down arrow and then tap **Change Sensor Type**. Tap **Dexcom G7**.

Otherwise, skip to Step 4.



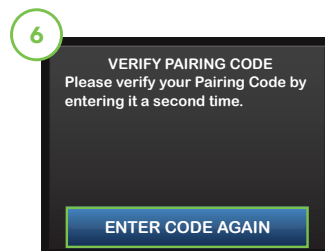
Tap **START G7 SENSOR**.

NOTE: If you use the Dexcom G7 mobile app, you should enter the pairing code for each sensor on both the mobile app and the t:slim x2 insulin pump.



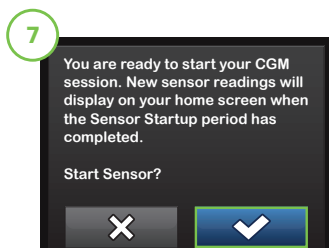
Enter the code found on the side of the sensor applicator and tap ☒ to continue.

NOTE: Make sure the pump and sensor are within 6 metres of each other without obstruction.



Tap **ENTER CODE AGAIN** to verify the pairing code and then tap ☒ to continue.

NOTE: If valid, a CODE CONFIRMED screen will appear to confirm. If invalid, the pump will prompt you to enter the code again.



Tap ☒ to start the sensor session startup period.

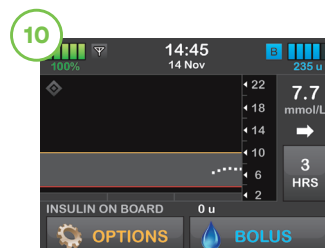
The **SENSOR STARTED** screen will appear to confirm.



The pump will return to the Home screen with a CGM trend graph and sensor startup countdown symbol.



NOTE: You should continue to use a blood glucose (BG) meter and test strips in order to make treatment decisions, during the warm up period.



After the warm up, you will start to receive readings from your sensor.

NOTE: If you see a Sensor Not Started alert, contact Dexcom support.

*Dexcom G7 sold separately.

Dexcom G6 Sensor Sessions

ON THE T:SLIM X2™ INSULIN PUMP



To connect your CGM* transmitter and pump:

Every 3 months

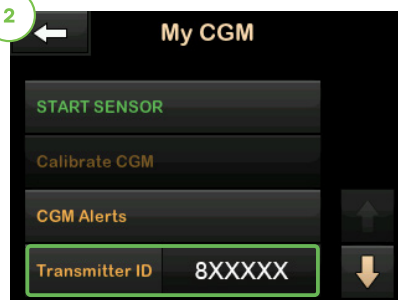


1



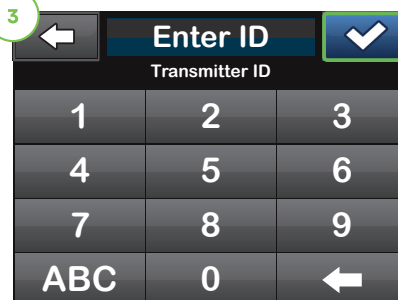
Locate the ID on the bottom of your transmitter before attaching it to a sensor.

2



In the **Options** menu, tap: **My CGM > Transmitter ID**.
Tap press to Set Up.

3



Enter transmitter ID and tap ✓

You will be prompted to enter the ID again to verify accuracy, after which your transmitter will be connected.

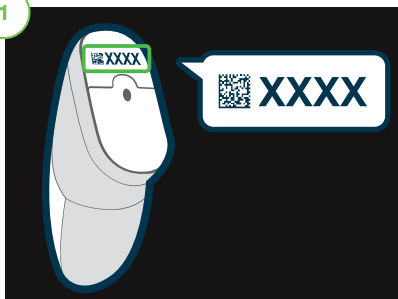


To start a new sensor session:

Every 10 days

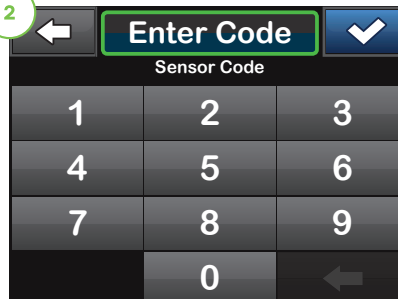


1



Locate the sensor code on the adhesive strip found on the bottom of the applicator.

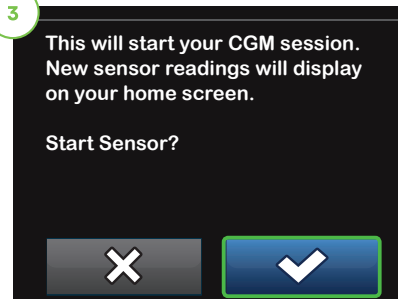
2



In the **Options** menu, tap: **My CGM > START SENSOR > CODE** and follow the prompts to enter your sensor code.

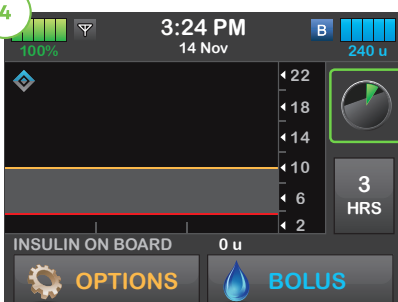
If you have already started a sensor session on your mobile phone, tap My CGM > START SENSOR > SKIP.

3



Tap **YES** to confirm the start of a new CGM sensor session.

4



A screen will appear to indicate the two-hour warm up process has begun. During this time, you will not receive sensor data or be able to use Control-IQ technology.

NOTE: The countdown symbol fills in over time to show how much time is left before the system is ready to display current CGM reading.

If a sensor code is not entered prior to starting a sensor session, the t:slim X2 insulin pump will prompt you to calibrate using a blood glucose meter at regular intervals. By entering your sensor code, you will not be prompted to calibrate your sensor.

If your glucose alerts and readings do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions.

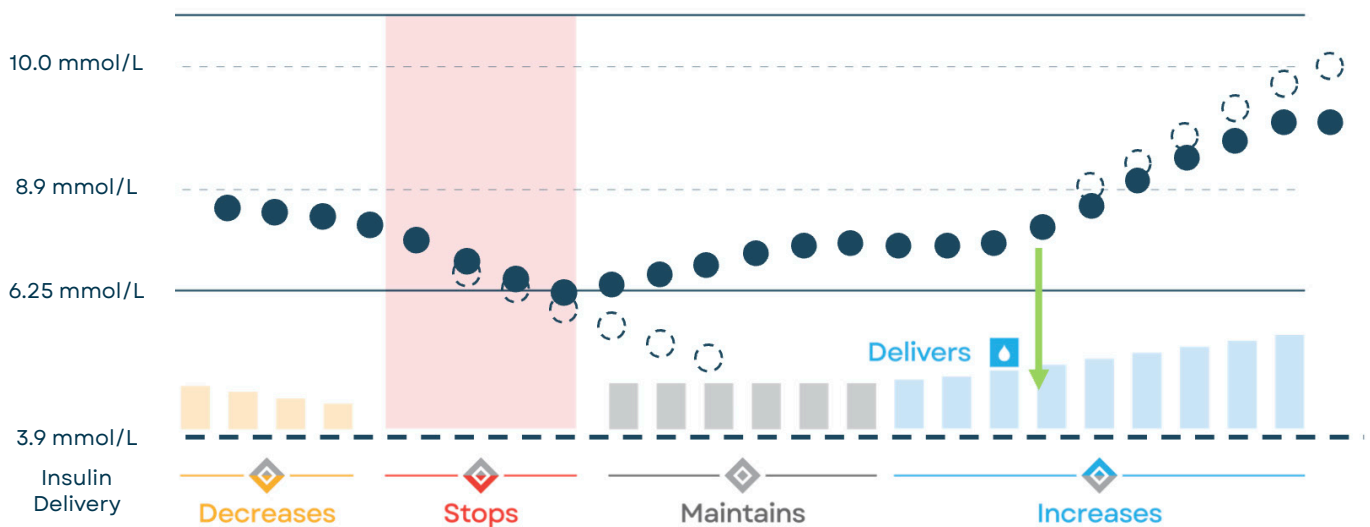
*Dexcom G6 CGM sold separately

Control-IQ Technology






ON THE T:SLIM X2™ INSULIN PUMP

How does Control-IQ technology work?

Control-IQ™ technology is designed to help increase time in range (3.9-10.0 mmol/L) using Dexcom continuous glucose monitoring (CGM) values to predict glucose levels 30 minutes ahead and adjust insulin delivery accordingly, including delivery of automatic correction boluses† (up to one per hour).



CONTROL-IQ TECHNOLOGY PUMP ICONS

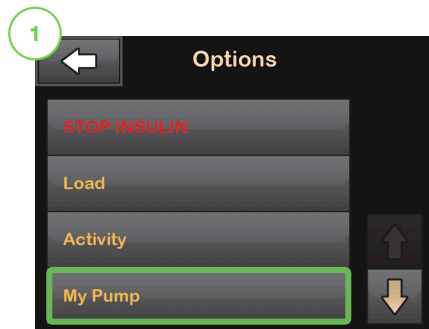
		Control-IQ	Sleep Activity	Exercise Activity
 Delivers	Delivers an automatic correction bolus if sensor glucose is predicted to be above ____ mmol/L	10.0	--	10.0
 Increases	Increases basal insulin delivery if sensor glucose is predicted to be above ____ mmol/L	8.9	6.7	8.9
 Maintains	Maintains active Personal Profile settings when sensor glucose is between ____ mmol/L	6.25 - 8.9	6.25 - 6.7	7.8 - 8.9
 Decreases	Decreases basal insulin delivery if sensor glucose is predicted to be below ____ mmol/L	6.25	6.25	7.8
 Stops	Stops basal insulin delivery if sensor glucose is predicted to be below ____ mmol/L	3.9	3.9	4.4

†If glucose values are predicted to be above 10.0 mmol/L, Control-IQ technology calculates a correction bolus using the Personal Profile settings and a target of 6.1 mmol/L and delivers 60% of that value.

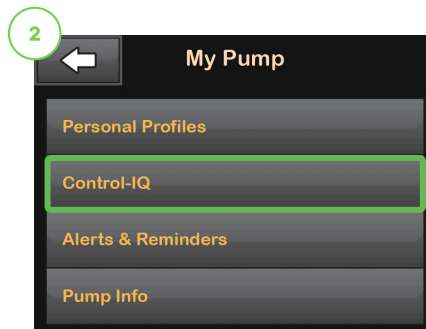
Control-IQ Technology

ON THE T:SLIM X2™ INSULIN PUMP

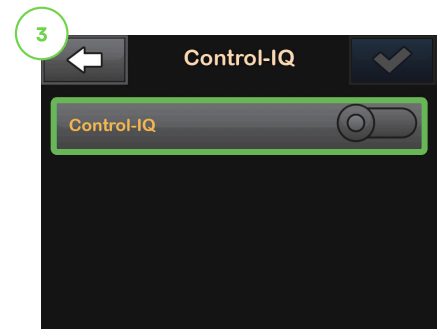
To turn Control-IQ on:



From the Options menu, tap **My Pump**.



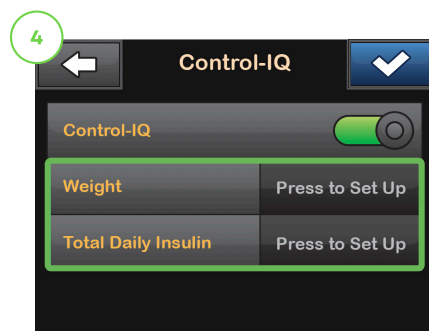
Tap **Control-IQ**.



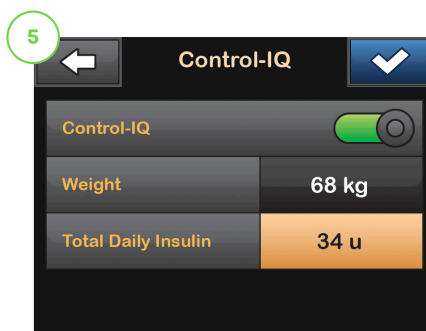
From this screen, Control-IQ technology can be toggled on or off.

NOTE: In order to turn on, Control-IQ Technology needs the following:

- an active Personal Profile (with Carbs turned on)
- an active CGM session



Next, enter your weight and average daily insulin use in units.



Tap  to save the settings. Control-IQ technology is now on.

NOTE: Control-IQ technology cannot be enabled unless both Weight and Total Daily Insulin are entered.

NOTE: Total Daily Insulin should be an estimate of total basal and bolus insulin required in a 24-hour period. You can find your average Total Daily Insulin under Options > History > Pump History > Delivery Summary

Sleep and Exercise Activities

ON THE T:SLIM X2™ INSULIN PUMP

Control-IQ technology offers optional settings for Sleep that will change the treatment values when enabled.

Within the Activity menu, you can set up two Sleep Schedules, which will automatically turn Sleep on and off at pre-programmed times, matched to the clock set in your pump. For example, one might be set up for weekdays and the other for weekends.

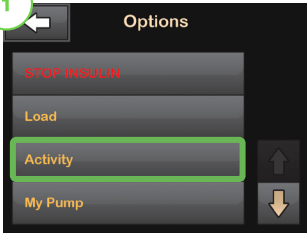
If pre-programmed Sleep Schedules are not used, Sleep must be manually turned on and off.

NOTES:

- No automatic correction boluses will be delivered while the Sleep Activity is enabled.
- Schedule Sleep Activity: Set for a minimum of 5 hours, turning on 1-2 hours after your last evening meal, and turning off prior to your first meal of the day. You can choose different time frames for weekend/ weekday or for shift work with the use of 2 schedules.
- If Exercise is enabled at the time Sleep is scheduled to start, Sleep will not begin. Once Exercise Activity is turned off, the Sleep Activity will automatically begin as scheduled, or can be manually turned on.

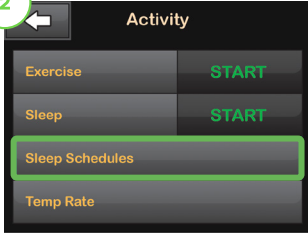
To set Sleep Schedules:

1



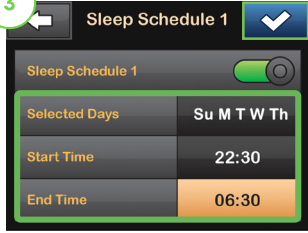
From the Options menu tap **Activity**.


2



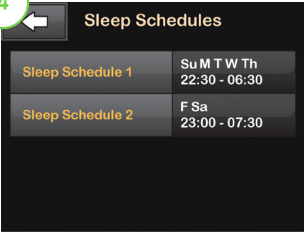
Tap **Sleep Schedules**. Then, select one of the two Sleep Schedules to set it up.

3



Select any or all days of the week. Set the time that the Sleep function will start and end on those days. These times should reflect the time you generally go to sleep and wake up. Tap  to save the settings.

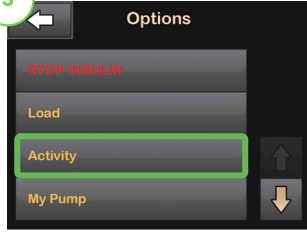
4



Sleep Schedules are now enabled. Tap the Tandem logo on the face of the pump to return to the Home screen.

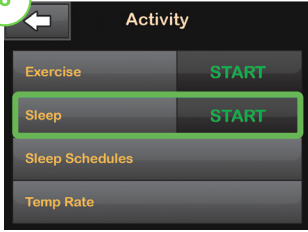
Manual use of Sleep Activity:

5



From the Options menu tap **Activity**.

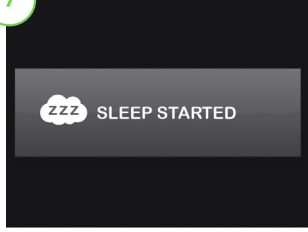
6



Tap **START** next to Sleep.

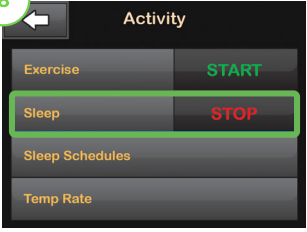
NOTE: Sleep and Exercise cannot be enabled at the same time.

7



Sleep is now enabled.

8

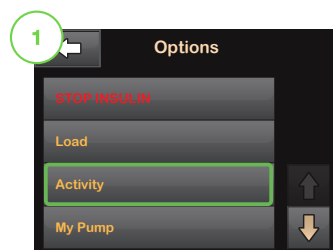


To disable Sleep Activity, from the Options menu tap **Activity**, and tap **STOP** next to Sleep.

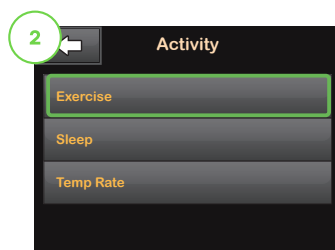
Exercise Activity

Control-IQ technology offers optional settings for Exercise that will change the treatment values when enabled.

To enable Exercise Activity:

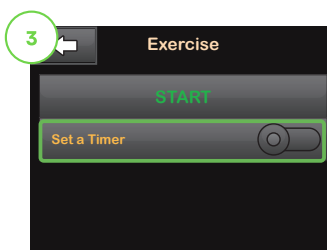


From the Home screen, tap **OPTIONS** and then **Activity**.



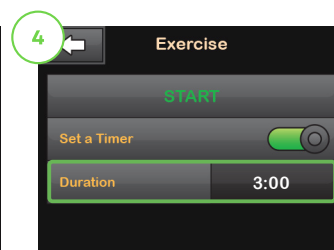
Tap **Exercise**.

Note: Activities may not be enabled at the same time. If programmed, Sleep Schedule(s) will automatically start once Exercise is disabled.

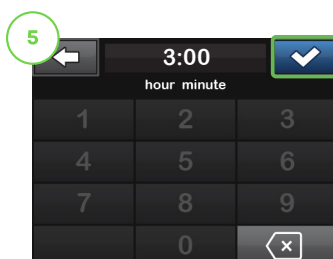


Tap **Set a Timer**.

Note: If you do not program a timer, the Exercise Activity must be manually turned off.

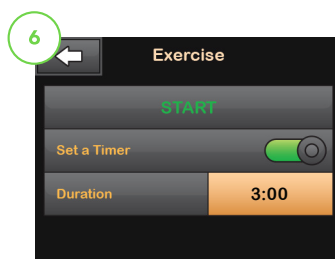


Tap **Duration** to edit the timer duration. Otherwise, skip to Step 6 to continue.



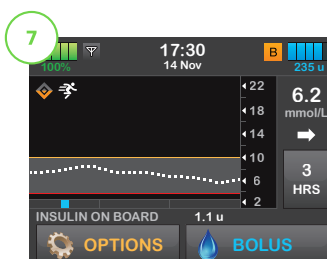
Use the keypad to enter the desired time. Tap **confirm** to continue.

Note: The timer duration can be set from 30 minutes to 8 hours.



Tap **START** to turn on the Exercise Activity.

The EXERCISE STARTED screen will appear.



Exercise is now enabled and displays on the Home screen.

Note: The Exercise Activity will automatically be disabled once the set timer duration ends.

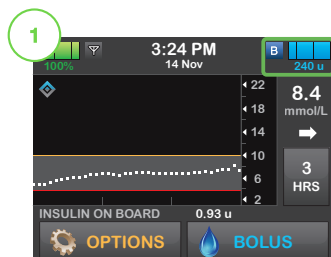
NOTE:

- Consider the use of Exercise Activity before, during and after periods of time with increased risk for hypoglycaemia. It is recommended to turn on ~60-90min prior to activity and turn it off when the risk for lower glucose levels has minimised. For strenuous activity, you may wish to set up a specific Personal Profile in addition to the Exercise Activity. Discuss your exercise management plan with your healthcare team.

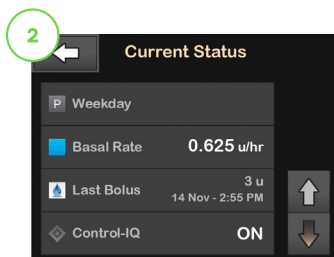
View Status

ON THE T:SLIM X2™ INSULIN PUMP

With CGM



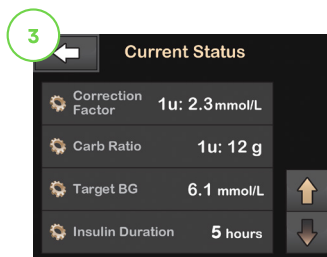
Tap the insulin level icon in the upper right corner of the Home screen.



Your t:slim X2 insulin pump will display

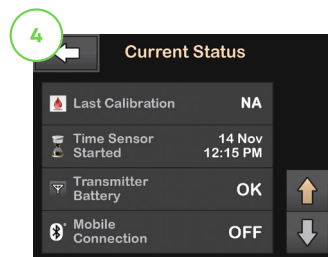
- current active Personal Profile
- current basal rate
- time and amount of your last bolus
- whether or not you are using Control-IQ technology

If you have an active Extended Bolus here it will display remaining insulin to be delivered.



Tap the **Down Arrow** to display the current

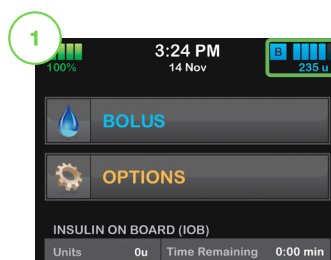
- Correction Factor
- Carb Ratio
- Target BG
- Insulin Duration



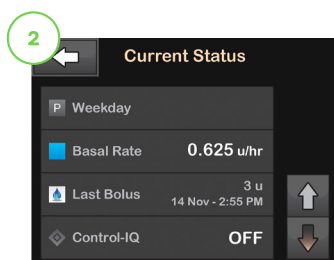
Tap the **Down Arrow** to display the

- Last Calibration
- Time Sensor Started
- Transmitter Battery status
- Mobile Connection status

Without CGM



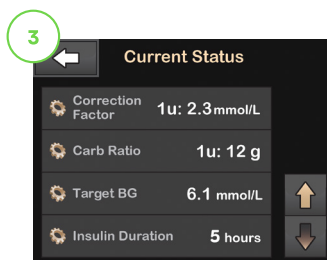
Tap the insulin level icon in the upper right corner of the Home screen.



Your t:slim X2 insulin pump will display

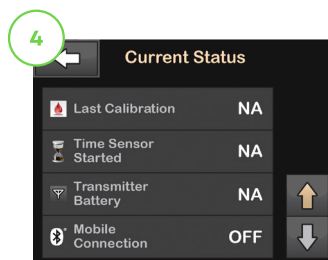
- current active Personal Profile
- current basal rate
- time and amount of your last bolus
- whether or not you are using Control-IQ technology

If you have an active Extended Bolus here it will display remaining insulin to be delivered.



Tap the **Down Arrow** to display the current

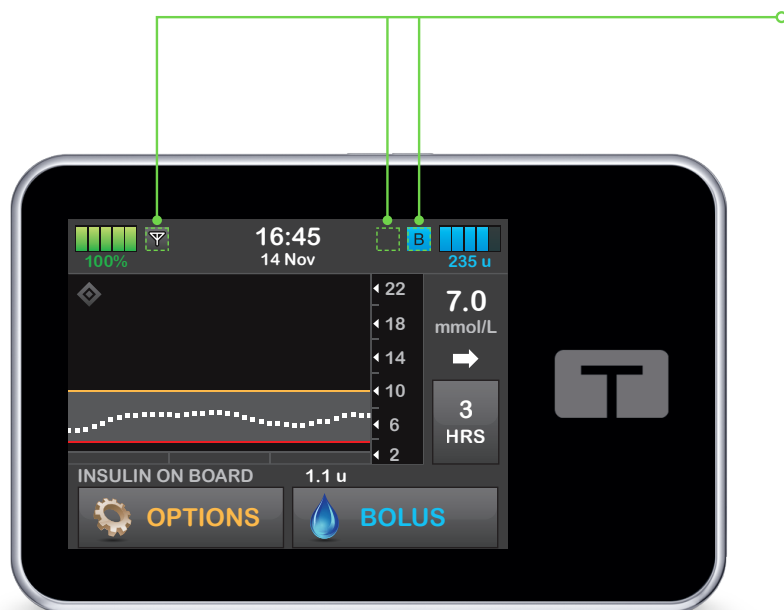
- Correction Factor
- Carb Ratio
- Target BG
- Insulin Duration



Tap the **Down Arrow** to display the

- Last Calibration
- Time Sensor Started
- Transmitter Battery status
- Mobile Connection status

Explanation of Icons



The following icons may appear in the areas to the left or right of the time and date on the t:slim X2 insulin pump's Home screen:



A system reminder, alert, error, or alarm is active.



A bolus is being delivered.



Basal insulin is programmed and being delivered.



A temporary basal rate is active.



Control-IQ technology is delivering an automatic correction bolus.



CGM sensor session is active, and the transmitter is communicating with the pump.



Control-IQ technology is increasing basal insulin delivery.



Control-IQ technology is decreasing basal insulin delivery.



All insulin deliveries are stopped.



A basal rate of 0 u/hr is active.



A temporary basal rate of 0 u/hr is active.



CGM sensor session is active, but the transmitter is not communicating with the pump.

Personal Profiles

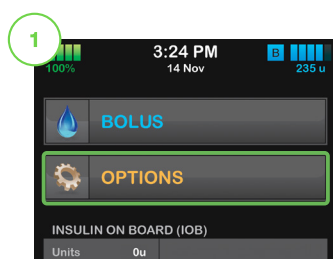
ON THE T:SLIM X2™ INSULIN PUMP



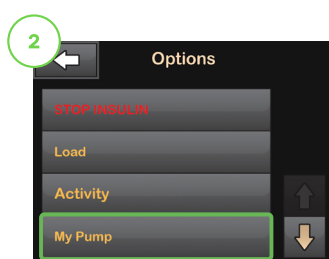
The instructions below are provided as a reference tool for those who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown

NOTES:

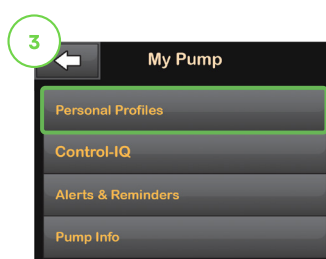
- Consider the use of multiple Personal Profiles when you have large changes in insulin requirements such as periods of illness or strenuous/prolonged activity. Discuss additional use of up to 6 profile pump settings with your healthcare professional.



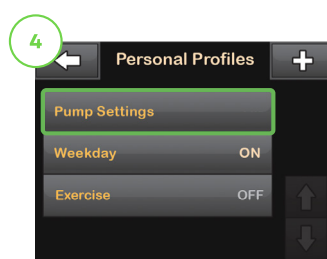
Tap OPTIONS.



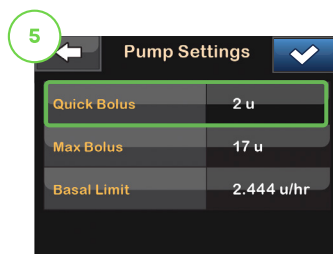
Tap My Pump.



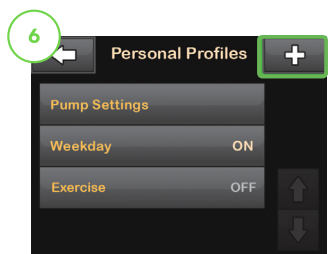
Tap Personal Profiles.



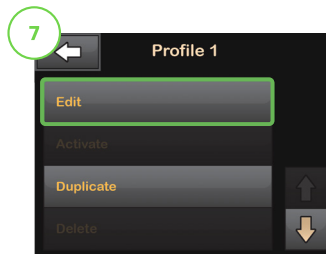
Tap Pump Settings to view and edit Quick Bolus, Max Bolus and Basal Limit settings.



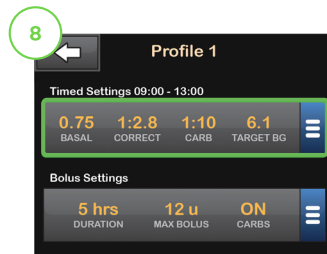
Tap each item to edit.



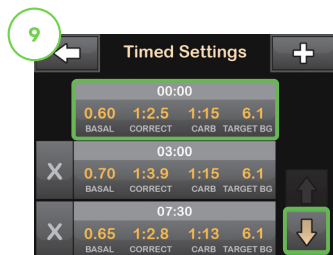
Once finalised, return to the Personal Profiles screen. Tap + to add and name a new personal profile or tap an existing personal profile to view, duplicate or edit.



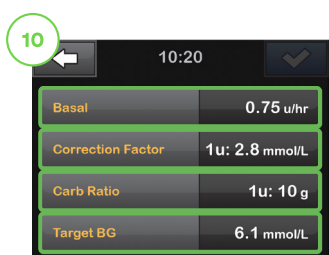
Tap Edit to edit or view your settings.



Tap your current settings to see the other segments of your day.



Tap the time segment you wish to edit. If not all segments are visible, tap the Down Arrow.



Tap Basal, Correction Factor, Carb Ratio, or Target BG to make changes then tap ✓. When you are finished, tap ✓.



Confirm settings. Recent changes appear in orange. Tap ✓ to confirm.

INSTRUCTIONS FOR DRAWING INSULIN INTO SYRINGE

Use proper clean technique while performing the following:

- 1 Inspect the needle and syringe package for any signs of damage. Discard any damaged product.
- 2 Wash your hands thoroughly.
- 3 Remove the needle and syringe from their packaging. Securely twist needle onto syringe. Safely remove protective cap from needle by pulling outward.
- 4 Insert needle into the prefilled insulin container (insulin penfill or vial).
- 5 Slowly pull back the plunger to the desired amount of insulin.
- 6 Once filled, remove syringe from the prefilled insulin container.
- 7 Turn the syringe upright.
- 8 Tap the syringe so that any air bubbles rise to the top. Then slowly push the plunger upwards, forcing any air bubbles out of the filling syringe.
- 9 Check the syringe for air bubbles and do one of the following:
 - » If there are air bubbles present, repeat step 7 onwards.
 - » If no air bubbles are present, you are ready to move on to the next step.

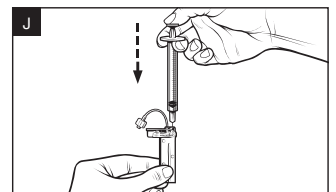
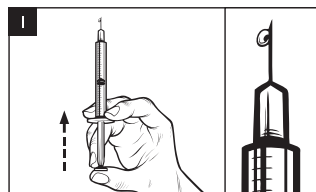
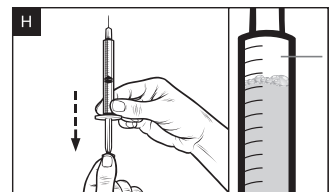
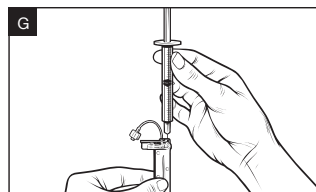
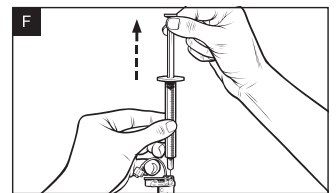
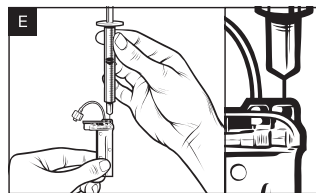
INSTRUCTIONS FOR FILLING THE CARTRIDGE



If instructed to load a filled cartridge, perform the following before loading the cartridge onto the pump.

Refer to the User Guide that came with your system for detailed installation instructions.

- 1 Inspect the cartridge package for any signs of damage.
- 2 Discard any damaged product.
- 3 Open the package and remove the cartridge.
- 4 Hold the cartridge upright and gently insert the needle into the white insulin fill port on the cartridge (see image E). The needle is not intended to go all the way in, so do not force it.
- 5 Keeping the syringe vertically aligned with the cartridge, and the needle inside the fill port, pull back on the plunger until it is fully retracted (see image F). This will remove any residual air from the cartridge.
- 6 Bubbles will rise toward the plunger.
- 7 Make sure the needle is still in the fill port and release the plunger. Pressure will pull the plunger to its neutral position but will NOT push any air back inside the cartridge (see image G).
- 8 Withdraw the needle from the fill port.
- 9 Turn the syringe upright and pull down on the plunger (see image H).
- 10 Flick the barrel to make sure that any air bubbles rise to the top.
- 11 Gently press on the plunger to remove air bubbles until insulin fills the needle hub and you see a drop of insulin at the tip of the needle (see image I).
- 12 Re-insert the needle in the fill port and slowly fill the cartridge with insulin (see image J).
- 13 It is normal to feel some back pressure as you slowly press on the plunger.
- 14 Maintain pressure on the plunger while you remove the needle from the cartridge. Check the cartridge for leaks. If you detect insulin leaking, discard the cartridge and repeat the entire process with a new cartridge.
- 15 Always dispose of used needles, syringes, cartridges, and infusion sets following your community's regulation.

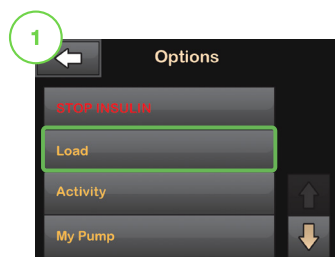


Load a Cartridge

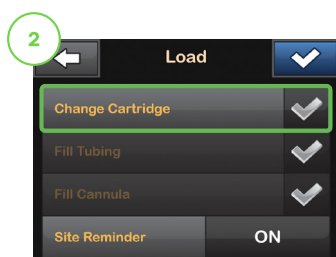
ON THE T:SLIM X2™ INSULIN PUMP



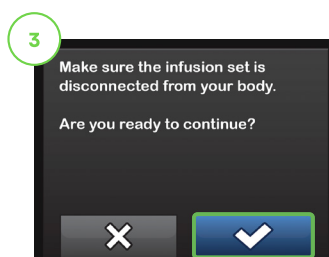
The instructions below are provided as a reference tool for those who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown.



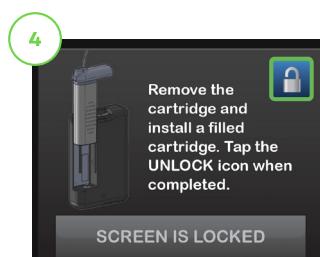
From the Options menu, tap Load.



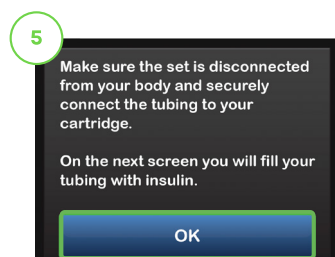
Tap Change Cartridge. A screen will appear to confirm that all insulin deliveries will be stopped. Tap ✓ to continue.



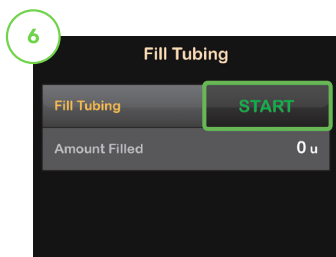
Disconnect the infusion set from your body and tap ✓ to continue.



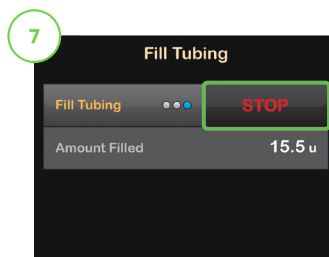
Remove the used cartridge. Install filled cartridge. Tap the unlock icon when completed. Tap ✓ to continue.



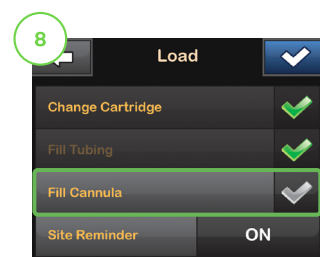
Verify that the infusion set is disconnected from your body. Connect the infusion set tubing to the tubing connector on the cartridge. Tap OK.



Hold the pump vertically to ensure any air in the cartridge will be dispelled first. Tap START. The pump will beep and vibrate regularly while the tubing is filled.

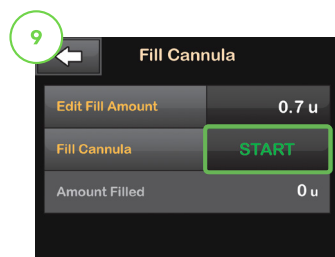


Tap STOP after three drops of insulin are seen at the end of the infusion set tubing, or after a minimum of 10 u have been filled. Verify that drops are seen and tap DONE.

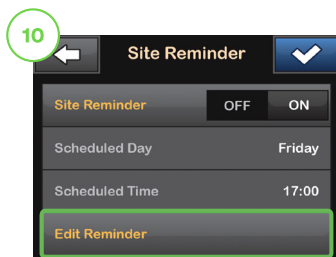


From the load menu, tap Fill Cannula. Insert a new infusion set and connect filled tubing to site. Then tap ✓.

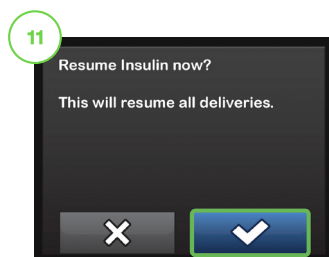
NOTE: If you are using a steel needle infusion set, there is no cannula fill required. Skip this section.



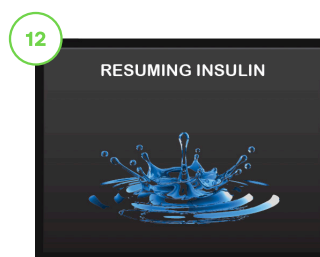
Tap Edit Fill Amount. Select amount needed for cannula fill. Refer to your infusion set instructions for use for proper cannula fill amount. Tap ✓. Tap START.



After the cannula fill is complete. You can set a Site Change reminder. Tap ✓ if correct. Tap Edit Reminder if settings need to be changed.



A confirmation screen is displayed. Tap ✓. A reminder to test BG in 1-2 hours will display. Tap ✓.



The RESUMING INSULIN screen will appear.

t:slim X2™ Insulin Pump

T:LOCK™ INFUSION SETS AND CARTRIDGES

AutoSoft 90

- 90° insertion angle
- Integrated inserter
- Teflon cannula



AutoSoft 30

- 30° insertion angle
- Integrated inserter
- Teflon cannula



TruSteel Set

- Manual 90° insertion angle
- Stainless steel/metal cannula



VariSoft Set

- Manual angled set
- Teflon cannula



t:lock Infusion Set NDSS Order Codes (10 per pack)

AutoSoft 90 Infusion Set t:lock 6mm/60cm	826	TruSteel Infusion Set t:lock 6mm/60cm	834
AutoSoft 90 Infusion Set t:lock 6mm/110cm	827	TruSteel Infusion Set t:lock 6mm/80cm	835
AutoSoft 90 Infusion Set t:lock 9mm/60cm	828	TruSteel Infusion Set t:lock 8mm/60cm	836
AutoSoft 90 Infusion Set t:lock 9mm/110cm	829	TruSteel Infusion Set t:lock 8mm/80cm	837
AutoSoft 30 Infusion Set t:lock 13mm/60cm	830		
AutoSoft 30 Infusion Set t:lock 13mm/110cm	831		
VariSoft Infusion Set t:lock 13mm/60cm	832		
VariSoft Infusion Set t:lock 17mm/60cm	833		
t:lock Cartridge			
		t:lock Cartridge	722

Cannula Fill and Site Change Guidelines for Infusion Sets

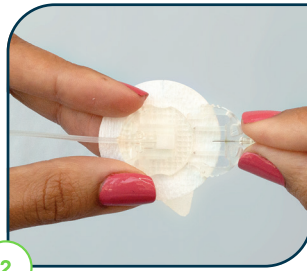
	Fill	Site Change
AutoSoft 90	6mm: 0.3 units, 9mm: 0.5 units	2-3 days
AutoSoft 30	0.7 units	2-3 days
TruSteel	0 units/no fill	1-2 days
VariSoft	0.7 units	2-3 days



1

Open packaging and remove the protective cap from the connector needle.

NOTE: Clean the insertion area with an alcohol wipe or other recommended skin preparation.



2

Hold the connector needle at the point where it connects with the tubing and insert it into the coupling housing. You should hear a click.



3

To attach the infusion set tubing to the t:lock connector on the cartridge, twist the connector clockwise until tight, then twist another quarter of a turn to ensure a secure connection.



4

Fill your tubing according to the instructions detailed in the Tandem Diabetes Care insulin pump user guide.

▲ Caution: DO NOT fill tubing while the infusion set is connected to your body.



5

When filling the tubing, hold the steel needle pointing down. Make sure there is no air in the tubing. Stop after three drops of insulin have appeared from the needle.



6

While holding the retaining wings of the infusion set, carefully remove the backing paper under the needle.



7

Gently twist and pull off the guard from the steel needle.



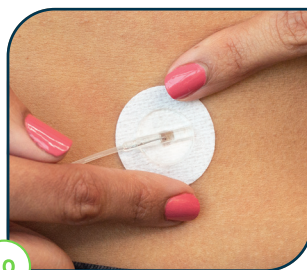
8

Pinch the skin at your selected insertion area with one hand to help lift the skin away from any muscle tissue.



9

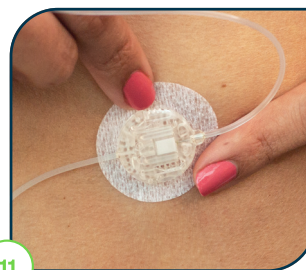
Insert the needle and release the pinched skin.



10

Ensure the adhesive tape is secured thoroughly onto your skin.

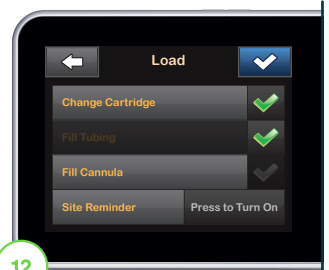
▲ Caution: DO NOT attempt to straighten the adhesive if curled.



11

Remove the backing paper from the coupling housing and attach it to a location that allows for easy access.

NOTE: Ensure that the tubing between the introducer needle and housing is not too tight.

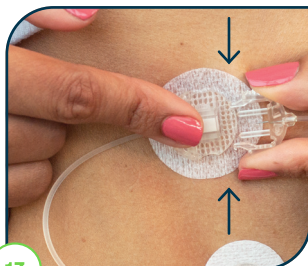


12

Skip the "Fill Cannula" step in the load process, set your Site Reminder for 48 hours, depending on your insulin type, and resume insulin.

▲ Caution: ALWAYS check glucose levels 1-2 hours after inserting to make sure it's working properly.

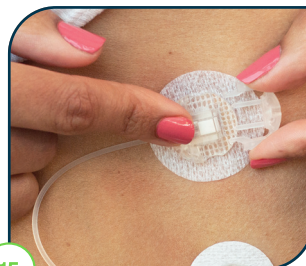
Disconnect



13 Place your finger in front of the coupling housing, gently squeeze the sides of the connector and pull the connector needle straight out.



14 Insert the circular protective cap into the connector needle.



15 Insert the disconnect cover into the coupling housing.

Reconnect

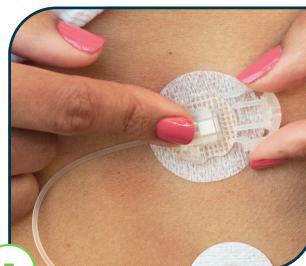


1 Remove the protective cap from the connector needle.

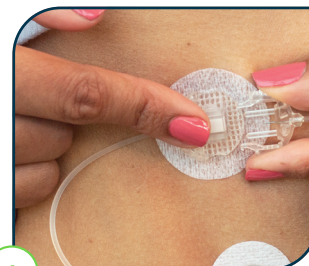


2 With the needle pointing down, fill the tubing until you see insulin drop from the needle.

▲ **Caution:** DO NOT fill tubing while the infusion set is connected to your body.



3 Remove the disconnect cover from the coupling housing.



4 Hold the connector needle and insert it into the coupling housing. You should hear a click.



1

To open, pull the red tape to remove the sterile plastic seal. Remove the paper.

▲ **Caution:** DO NOT use if the seal or sterile paper has been broken.

NOTE: Clean the insertion area with an alcohol wipe or other recommended skin preparation.



2

Remove the lid by pressing the three raised dots on either side of the lid firmly with one hand and lifting the flat tab of the lid with the other hand.

▲ **Caution:** DO NOT touch or bend the introducer needle.



3

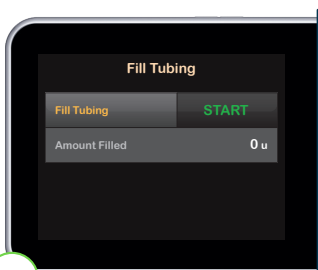
Unhook the tubing from the notch on the insertion device, then gently unwind the tubing. Stop when you get to the end.

▲ **Caution:** Be careful when handling the insertion device to keep from dislodging the cannula housing.



4

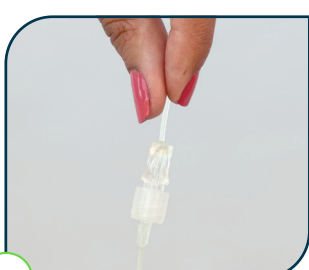
To attach the infusion set tubing to the t:lock connector on the cartridge, twist the connector clockwise until tight, then twist another quarter of a turn to ensure a secure connection.



5

Fill your tubing according to the instructions in the Tandem Diabetes Care insulin pump user guide.

▲ **Caution:** DO NOT fill tubing while the infusion set is connected to your body.



6

When filling the tubing, hold the introducer needle pointing down and hold the tubing straight upwards at the t:lock connector. Make sure there are no gaps of air in the tubing.



7

Stop after three drops of insulin have appeared from the introducer needle.

NOTE: The approximate fill volumes are 10-15 units for 60 cm tubing, and 20-25 units for 110 cm tubing



8

Pull up gently on the backing paper to remove it from the adhesive tape.

▲ **Caution:** Be careful not to pull the backing paper too hard.



9

Make sure the tubing hangs freely (not in the notch), then grip the lined ridges and pull the spring loader back until you hear a click.



10

Remove the needle guard from the introducer needle by gently twisting and pulling it off.



11

Slide the tubing into the closest notched edge.

▲ **Caution:** If the introducer needle is not straight, pain or minor injury may occur during insertion.



12

Prior to insertion, it is critical to verify that the plastic cannula is below the tip of the introducer needle.



13

Position over insertion site. Simultaneously squeeze the round indentations on both sides of the Insertion device to insert.

NOTE: The triangle inside the insertion device points to the direction the tubing will face.



14

Gently push the back of the inserter to secure the adhesive tape onto the skin.

NOTE: Skipping this step may result in your infusion set falling off early and/or a bent cannula.



15

Hold the white tabs of the insertion device and gently pull back to remove the introducer needle. Ensure the adhesive tape is thoroughly secured onto your skin.

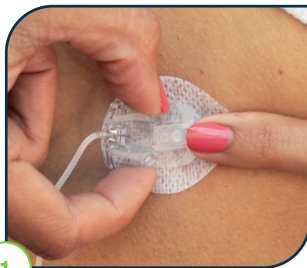


16

Fill cannula 0.3 units (6 mm cannulas) or 0.5 units (9 mm cannulas). Put the lid back on the insertion device before disposing.

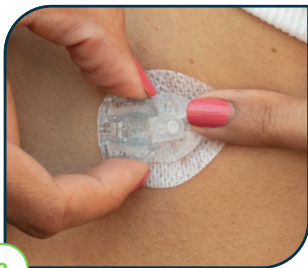
▲ Caution: ALWAYS check glucose levels 1-2 hours after inserting to make sure it's working properly.

Disconnect



1

Place your finger in front of cannula housing, gently squeeze the sides near the center of the connector, and pull the connector needle straight out.



2

Insert the disconnect cover into the cannula housing.



1

Remove the circular protective cap from the connector needle. If needed, fill the infusion set with the needle pointing down until insulin drops from the needle.

▲ Caution: DO NOT fill tubing while the infusion set is connected to your body.



2

Remove the disconnect cover. Insert the connector needle into the cannula housing. You should hear a click.



1

To open, pull the red tape to remove the plastic seal. Remove the paper.

▲ **Caution:** DO NOT use if the seal or sterile paper has been broken.

NOTE: Clean the insertion area with an alcohol wipe or other recommended skin preparation.



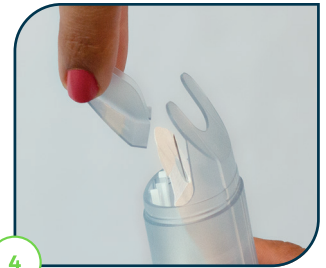
2

Hold the lined indentation on the insertion device with one hand, slightly twist, and pull the lid off with the other.



3

Place your fingers on the lined indentations on each side and pull back the spring softly until you hear a click. The needle protector should lift up or peel off.



4

If the needle protector hasn't fallen off, carefully remove it before insertion.

▲ **Caution:** DO NOT touch or bend the introducer needle.



5

Make sure the tape is not stuck onto the introducer needle.



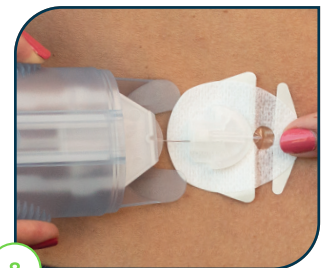
6

Place your finger on the top button and your thumb on the bottom button of the device. Place the legs of the insertion device flat on the skin to ensure an angle of 30 degrees.



7

While maintaining a 30-degree angle, gently squeeze the buttons once to insert the cannula.



8

Place your finger on the clear window or tape and gently pull the insertion device straight back.



9

Keeping your finger on the clear window or tape, carefully remove the backing paper under the housing and press the adhesive gently against your skin.



10

Remove the backing paper under the front end and ensure the adhesive tape is thoroughly secured onto your skin.

▲ **Caution:** DO NOT attempt to straighten the adhesive if curled.



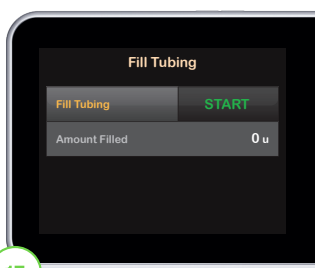
11

To attach the infusion set tubing to the t:lock connector on the cartridge, twist the connector clockwise until tight, then twist another quarter of a turn to ensure a secure connection.



12

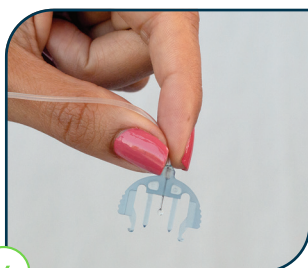
Remove the protective cap from connector needle.



13

Fill your tubing according to the instructions detailed in the Tandem Diabetes Care insulin pump user guide.

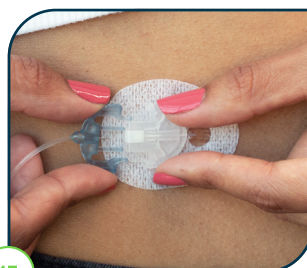
▲ **Caution:** DO NOT fill tubing while the infusion set is connected to your body.



14

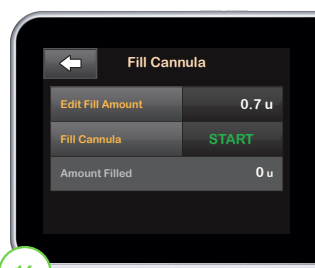
When filling the tubing, hold the connector needle pointing down. Make sure there is no air in the tubing.

NOTE: The approximate fill volumes are 10-15 units for 60 cm tubing and 20-25 units for 110 cm tubing.



15

After filling the tubing, connect it to the infusion set by holding the ridged sides of the infusion set and push into the plastic cannula housing on your body. You should hear a click.



16

Fill cannula 0.7 units. Put the lid back on the insertion device before disposing.

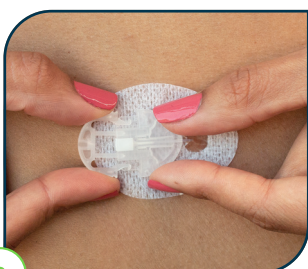
▲ **Caution:** ALWAYS check your glucose levels 1-2 hours after inserting to make sure it's working properly.

Disconnect



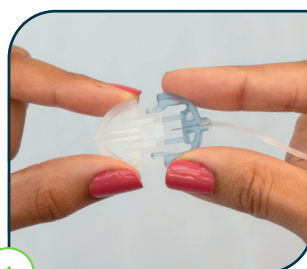
1

Place your finger in front of the cannula housing, gently squeeze the sides of the infusion set, and pull the connector needle straight out.



2

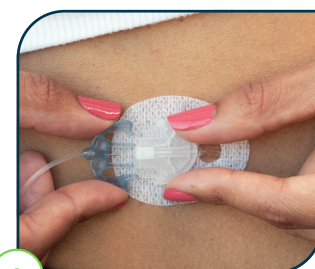
Insert the protective cap into the connector needle. Insert the disconnect cover into the cannula housing.



1

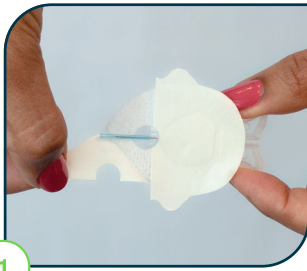
Remove the protective cap from the connector needle. With the needle pointing down, fill the tubing until insulin drops from the needle.

▲ **Caution:** DO NOT fill tubing while the infusion set is connected to your body.



2

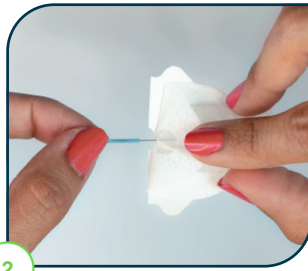
Remove the disconnect cover from the cannula housing. Hold the ridged sides of the infusion set and push into the plastic cannula housing on your body. You should hear a click.



1

Hold the indented sides of the introducer needle with one hand and gently remove the front backing paper with the other.

NOTE: Clean the insertion area with an alcohol wipe or other recommended skin preparation.



2

Gently twist and pull off the guard from the needle.

▲ **Caution:** DO NOT touch or bend the introducer needle.



3

Pinch the skin at your selected insertion area with one hand to help lift the skin away from any muscle tissue.



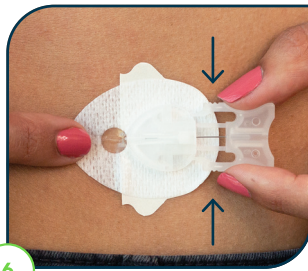
4

Insert the needle completely and release the pinched skin. This will leave the cannula in the layer of fat just below the skin, but above muscle tissue.



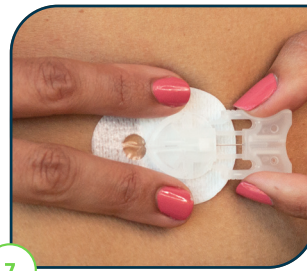
5

Press down on the front portion of the tape to secure the adhesive to your skin.



6

Gently place your finger in front of the clear window, squeeze the grooved sides with your other hand, and pull the introducer needle straight back.



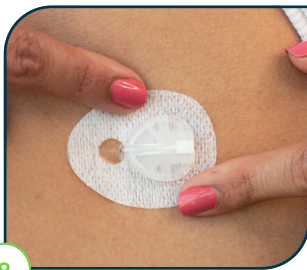
7

If you have trouble removing the introducer needle, try straddling the clear window with two fingers while pulling straight back.



8

Carefully lift the cannula housing to expose the back, and remove the rest of the backing paper.



9

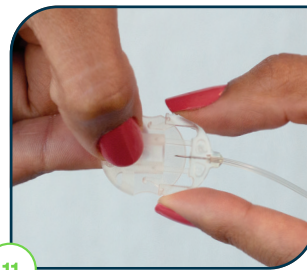
Ensure the adhesive tape is secured thoroughly onto your skin.

▲ **Caution:** DO NOT attempt to straighten the adhesive if curled.



10

To attach the infusion set tubing to the t:lock connector on the cartridge, twist the connector clockwise until tight, then twist another quarter of a turn to ensure a secure connection.



11

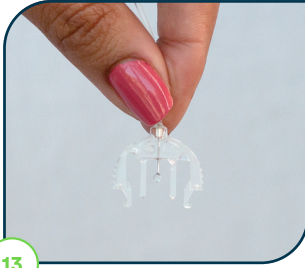
Remove the protective cap from connector needle.



12

Fill your tubing according to the instructions detailed in the Tandem Diabetes Care insulin pump user guide.

▲ **Caution:** DO NOT fill tubing while the infusion set is connected to your body.



13

When filling the tubing, hold the connector needle pointing down. Make sure there are no gaps of air in the tubing. Stop after three drops of insulin have appeared.

▲ **Caution:** DO NOT fill tubing while the infusion set is connected to your body.



14

Hold the connector needle at the point where it connects with the tubing and with the open notches of the connector needle facing your body, insert it into the cannula housing. You should hear a click.



15

Fill cannula 0.7 units.

▲ **Caution:** ALWAYS check glucose levels 1-2 hours after inserting to make sure it's working properly.

Disconnect



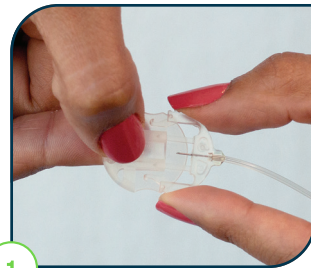
1

Place your finger on top of the cannula housing, gently squeeze the grooved sides of the infusion set and pull straight out.



2

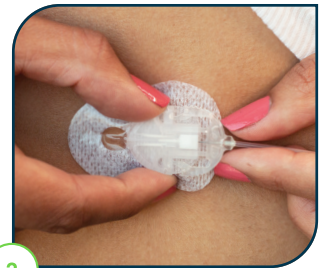
Insert the protective cap into the connector needle. Insert the disconnect cover into the cannula housing.



1

Remove the protective cap from the connector needle. With the needle pointing down, fill the tubing until insulin drops from the needle.

▲ **Caution:** DO NOT fill tubing while the infusion set is connected to your body.

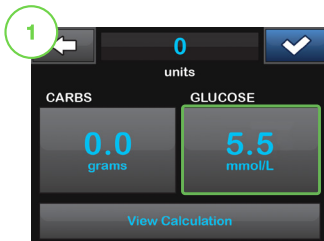


2

Remove the disconnect cover from the cannula housing. Hold the connector needle at the point where it connects with the tubing and insert it into the cannula housing. You should hear a click.

Bolus

ON THE T:SLIM X2™ INSULIN PUMP

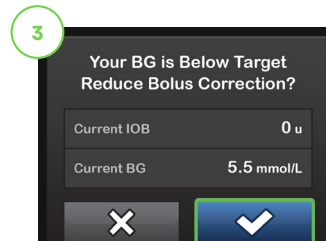


Tap Add BG to enter your blood glucose (BG)

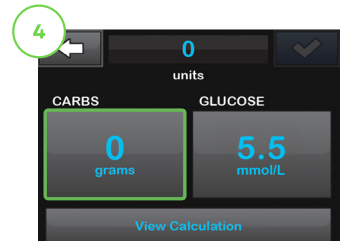
NOTE: If you have a CGM session active, and if there is both a CGM value and a CGM trend arrow available on the CGM Home Screen, your glucose value is autopopulated in the GLUCOSE field.



Enter desired value. Be sure "mmol/L" is displayed above keypad when entering BG values.

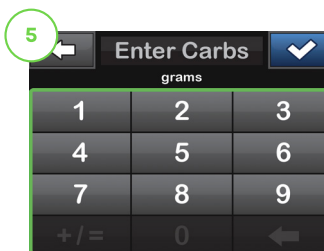


If a BG is entered that is below the target, but above or 3.9 mmol/L, you will be offered the option to reduce the bolus amount. To accept that reduction tap ; otherwise, tap .



Tap 0 grams to enter the carbs for your bolus.

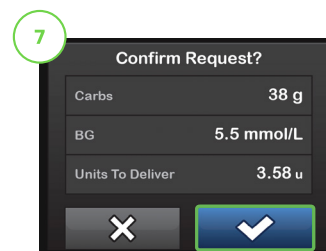
NOTE: If this reads "units," the carb feature is turned off in the active profile.



Enter desired value. Be sure "grams" is displayed above keypad for food boluses. Tap to continue.

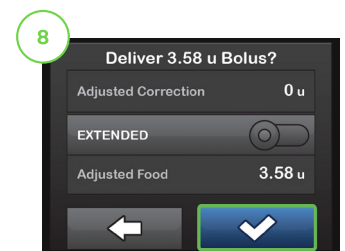


Tap to continue. Tap the calculated units value to manually adjust recommended dose.

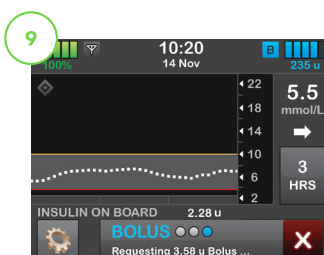


Verify the dose and tap to confirm.

NOTE: Calculations above are based on preset insulin-to-carb ratios and correction factors, which may be set in Personal Profiles.



Tap to deliver the food bolus immediately. The BOLUS INITIATED screen will appear to confirm delivery has started.



To cancel the undelivered portion of the bolus, tap the white X next to BOLUS on the Home Screen, then tap to confirmed cancelled bolus.

NOTES:

- Bolus before all food by entering carbohydrates into the bolus calculator, unless directed otherwise by your healthcare professional.
- Avoid overriding boluses to give more insulin than the pump recommends. Automatic boluses are delivered quickly and may not be noticed. Always check Status Screen or bolus icons on CGM graph for confirmation. It is recommended to only enter carbohydrates that are eaten.

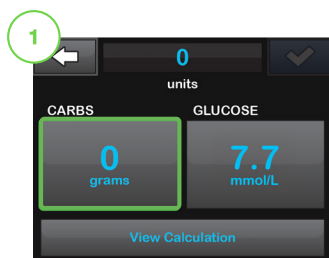
Extended Bolus

ON THE T:SLIM X2™ INSULIN PUMP



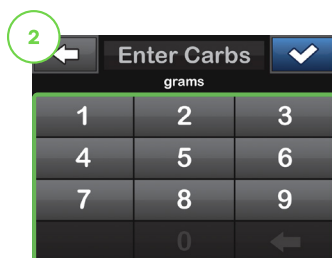
The instructions below are provided as a reference tool for those who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown.

NOTE: When Control-IQ technology is enabled, extended boluses are limited to two hours. Please see the User Guide for more information.

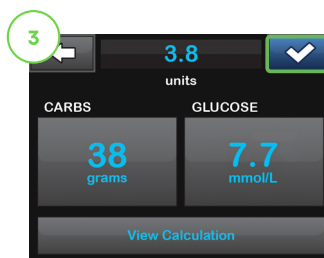


Tap 0 grams to enter the carbs for your bolus.

NOTE: If this reads “units,” the carb feature is turned off in the active profile.



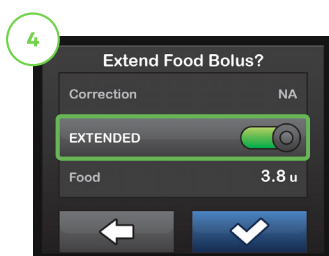
Enter desired value. Be sure “grams” is displayed above keypad for food boluses. Tap to continue.



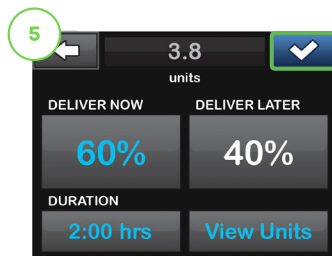
Tap to continue, then tap to confirm.

NOTE: If an above-target blood glucose (BG) is entered, the correction bolus will not be extended.

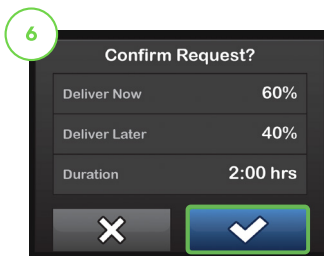
NOTE: If you have a CGM session active, and if there is both a CGM value and a CGM trend arrow available on the CGM Home Screen, your glucose value is autopopulated in the GLUCOSE field.



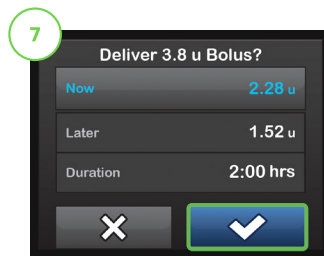
Tap EXTENDED to toggle the extended bolus feature on or off. Tap to continue.



Tap to use default settings or tap DELIVER NOW and set your desired values, then tap to continue. If Control-IQ technology is ON, duration is capped at 2 hours.



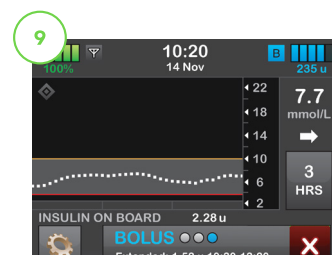
Tap to confirm.



The delivery screen will confirm how much insulin will be delivered up front, how much will be delivered over time, and the delivery duration. Tap to start the bolus.



The BOLUS INITIATED screen will appear to confirm delivery has started.



To cancel the undelivered portion of the bolus, tap the white X next to BOLUS on the Home Screen, then tap to confirm canceled bolus.

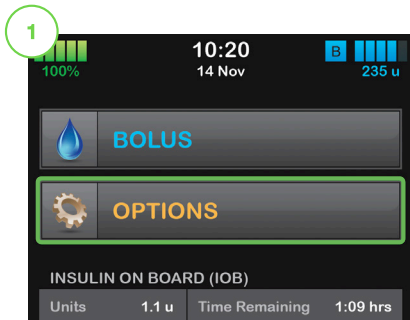
Setting a Temp Basal Rate

ON THE T:SLIM X2™ INSULIN PUMP

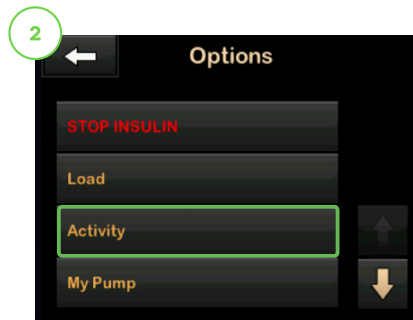


The instructions below are provided as a reference tool for those who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown.

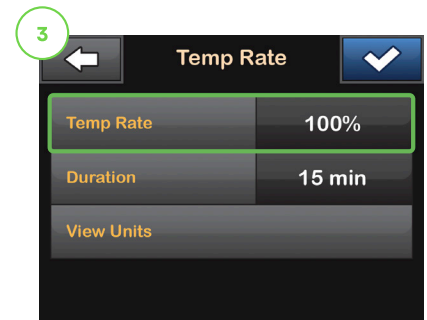
NOTE: When Control-IQ technology is enabled, Temp Rates are not available. If you wish to set a Temp rate, Control-IQ needs to be turned off. Alternatively, considering utilising the Sleep and Exercise Activity Settings



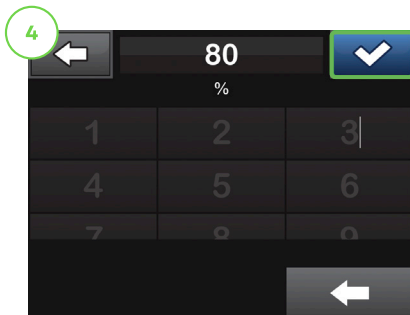
Tap OPTIONS.



Tap Options > Activity > Temp Rate.

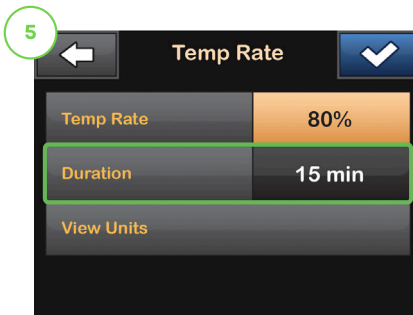


Tap Temp Rate.

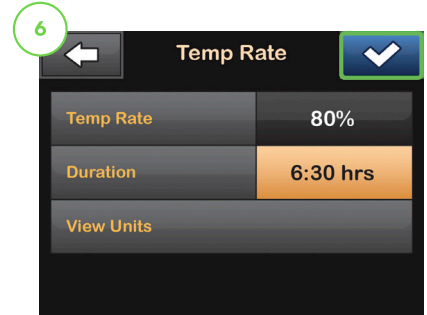


Using the onscreen keypad enter desired percentage. Tap .

NOTE: Your Current rate is 100%. An increase is greater than 100% and a decrease is less than 100%.



Tap Duration. Using the onscreen keypad enter desired length of time for Temp Rate. Tap .

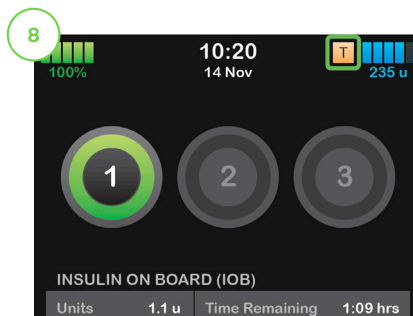


Verify settings and tap .

NOTE: To see the actual units to be delivered, tap View Units.

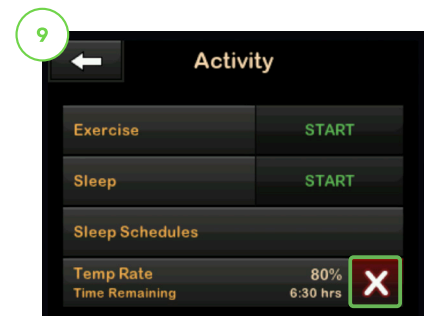


The TEMP RATE STARTED screen will appear to confirm the Temp Rate has started.



The Screen Lock screen will appear with the orange icon indicating a Temp Rate is active.

NOTE: If a Temp Rate of 0% is currently active, the orange T icon will be replaced with a red T icon.



To stop Temp Rate at any time, tap Options > Activity and then press the X.

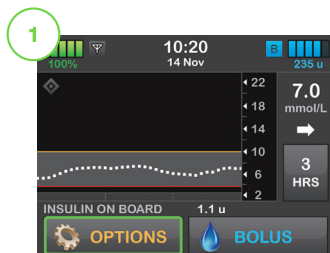
Stop and Resume Insulin Delivery



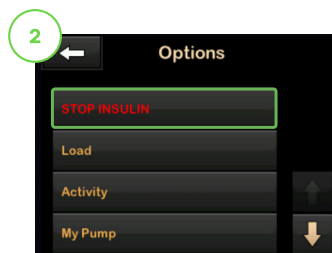
ON THE T:SLIM X2™ INSULIN PUMP

The instructions below are provided as a reference tool for those who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown.

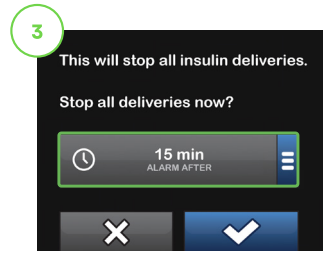
❌ Stop Insulin Delivery




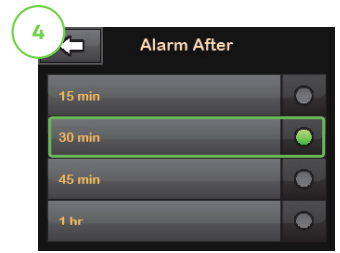
Tap OPTIONS.



Tap STOP INSULIN.



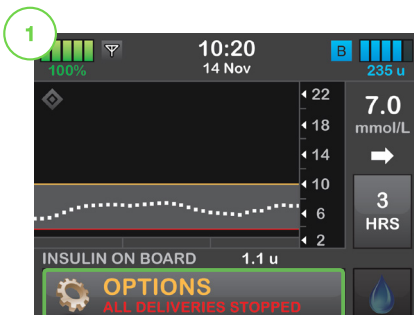
Tap  to accept the displayed setting. To change the Resume Pump Alarm setting, tap the panel in the middle of the screen.



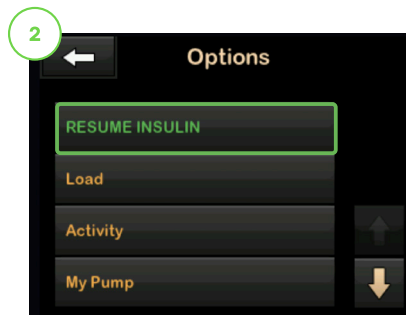
Select the button that corresponds with the time you would like the Resume Pump Alarm to display.

NOTE: The pump will NOT automatically resume insulin delivery after the time has elapsed.

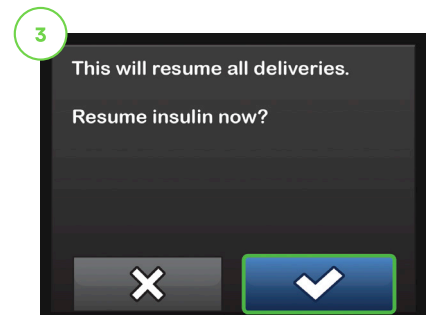
✅ Resume Insulin Delivery



Tap OPTIONS.



Tap resume INSULIN.



Confirm by tapping .

NOTE: Any temp rates or boluses active before you stopped delivery will not resume. It will resume your active personal profile.

NOTES:

- Suspend insulin when disconnecting: When disconnecting from your pump you should suspend the insulin, otherwise you may miss an automatic correction, or basal adjustment. Additionally, not suspending delivery during a time of disconnection may impact ongoing basal modulation and accuracy of the estimate of insulin on board (IOB).

Tips for Success

- 1. Schedule Sleep Activity:** Set for a minimum of 5 hours, turning on 1-2 hours after your last evening meal, and turning off prior to your first meal of the day. You can choose different time frames for weekend/weekday or for shift work with the use of 2 schedules.
- 2. Wear your CGM effectively:** Help CGM connection by facing your pump screen outwards and wear the pump on the same side of your body as the sensor.
- 3. Bolus before all food** by entering carbohydrates into the bolus calculator, unless directed otherwise by your healthcare professional.
- 4. Avoid overriding boluses** to give more insulin than the pump recommends. Automatic boluses are delivered quickly and may not be noticed. Always check Status Screen or bolus icons on CGM graph for confirmation. It is recommended to only enter carbohydrates that are eaten.
- 5. Review treatment guidelines for hypoglycaemia:** A smaller treatment of ~5-10g rather than the traditional 15g quick acting glucose may be needed, since insulin may already have been reduced or suspended prior to hypoglycaemia by the technology.* Review your customised plan with your healthcare professional.
- 6. Read bolus prompts carefully:** If glucose is between 3.9 mmol/L and target (6.1 mmol/L when Control-IQ is turned on), the pump will give you the option to reduce the bolus calculation. If you prefer to receive the full bolus for your meal/snack, press 'No' or 'X'. Press 'Yes' or '✓' to subtract insulin.
- 7. Suspend insulin when disconnecting:** When disconnecting from your pump you should suspend the insulin, otherwise you may miss an automatic correction, or basal adjustment. Additionally, not suspending delivery during a time of disconnection may impact ongoing basal modulation and accuracy of the estimate of insulin on board (IOB).
- 8. Consider the use of multiple Personal Profiles** when you have large changes in insulin requirements such as periods of illness or strenuous/prolonged activity. Discuss additional use of up to 6 profile pump settings with your healthcare professional.
- 9. Consider the use of Exercise Activity** before, during and after periods of time with increased risk for hypoglycaemia. It is recommended to turn on ~60-90min prior to activity and turn it off when the risk for lower glucose levels has minimised. For strenuous activity, you may wish to set up a specific Personal Profile in addition to the Exercise Activity. Discuss your exercise management plan with your healthcare team.
- 10. Control-IQ technology is not a replacement for active self-management of diabetes:** don't ignore signs and symptoms *if in doubt* get your meter out, change your infusion set and site every 2-3 days, troubleshoot pump, infusion set and cartridge issues as required and remember Tandem Technical Support is available 24/7 for your support.

* Messer LH, Berget C, Forlenza GP. A Clinical Guide to Advanced Diabetes Devices and Closed-Loop Systems Using the CARES Paradigm. Diabetes Technol Ther. 2019;21(8):462-469. doi:10.1089/dia.2019.0105

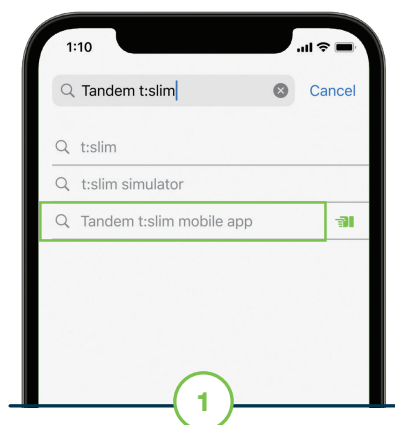


After the pairing process is complete, pump and therapy data are wirelessly uploaded to the Tandem Source platform.*

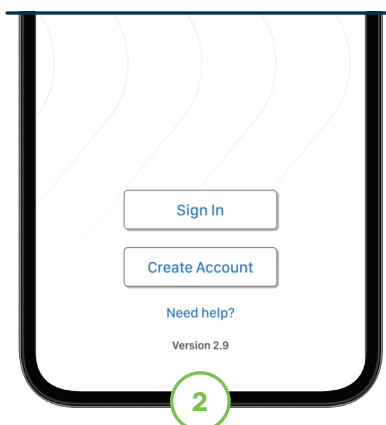


Pump Tip: Only one smartphone and Tandem t:slim mobile app account may pair with the pump. The pump is designed to deny any unauthorised connections.

NOTE: These instructions are provided as a reference tool for pump users and caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of the t:slim X2 pump, please refer to its user guide.



In Google Play or the App Store on a compatible smartphone, search for “Tandem t:slim” and install the Tandem t:slim mobile app.



Open the Tandem t:slim mobile app and sign in with existing credentials or create an account.



From the Home screen, tap **OPTIONS**.

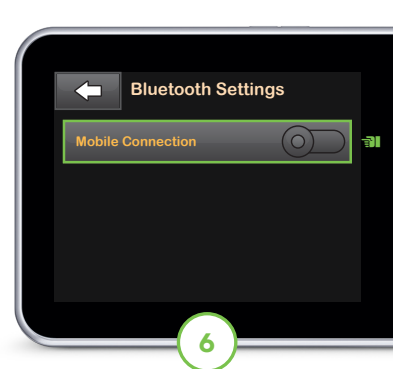
NOTE: Pairing the t:slim X2 insulin pump with a compatible smartphone via Bluetooth® technology is required for the pump to properly communicate with the mobile app.



Tap the down arrow and then tap **Device Settings**.

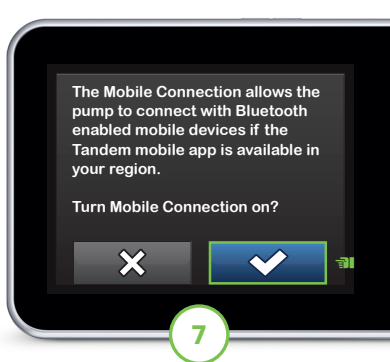


Tap **Bluetooth Settings**.



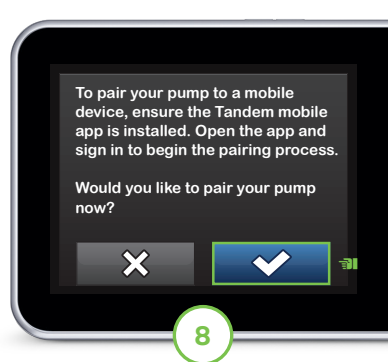
Tap the toggle on.


* Uploads to the Tandem Source platform do not take place in real time and should not be relied upon by pump users, healthcare providers, or caregivers for remote patient monitoring. Standard carrier data rates may apply.

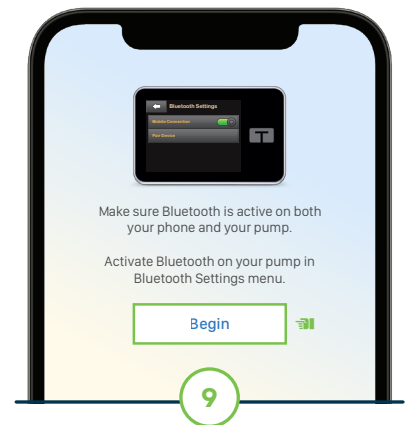


Tap  to continue.

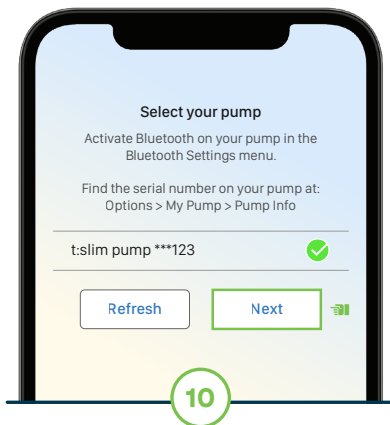
The **CONNECTION ON** screen is displayed.



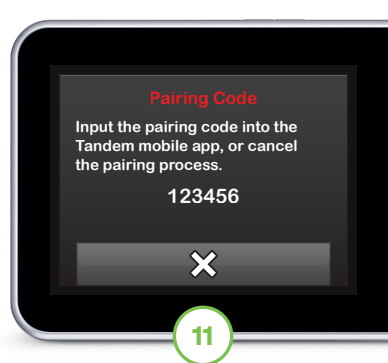
A confirmation screen will appear to confirm pairing. Tap  to continue.




Select **Begin** and then **OK** on the confirmation screen.

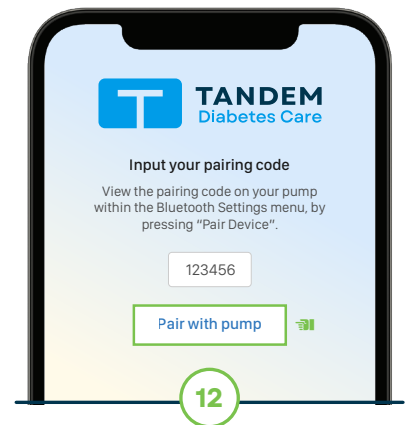


Select the radio button next to the pump and tap **Next**.



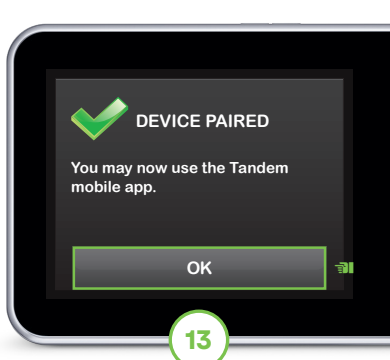
A unique pairing code will automatically be generated. **DO NOT** press  as this will cancel the process.


NOTE: The pairing code is only valid for five minutes. If the code expires, the pairing process must be restarted.



On the mobile app, enter the pairing code and tap **Pair with pump**.

NOTE: The 16-character code is case sensitive and must be entered exactly as displayed.



A confirmation screen will appear on the pump. Tap  to continue.



Press **Sync pump data** to import recent data from the insulin pump.



Once the Tandem t:slim mobile app displays the pump data, it is now ready for viewing.

Smartphone Setup

- ✓ Always turn Zoom Mode off when using the mobile app. If on, rely on the insulin pump for all therapy decisions.
- ✓ Always turn on notifications and disable battery optimisation to receive pump alerts, alarms, and notifications on the paired smartphone.
- ✓ Enable smartphone security (e.g., screen lock, passcode, face recognition) before administering a bolus from the app.

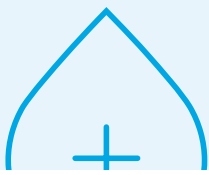


App Tip: The Tandem t:slim mobile app must run in the background in order to receive and transmit data to and from the pump, as well as to Tandem Source.*

* Uploads to the Tandem Source platform do not take place in real time and should not be relied upon by pump users, healthcare providers, or caregivers for remote patient monitoring. Standard carrier data rates may apply.

† Bolus delivery from the Tandem t:slim mobile app requires a compatible smartphone model and operating system, an app update, a remote software update on the t:slim X2 insulin pump and additional training.



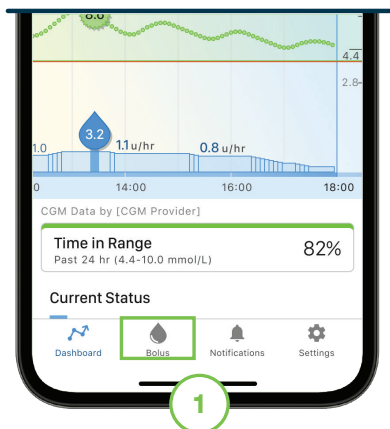


A compatible smartphone paired with the t:slim X2 insulin pump via an active Bluetooth® wireless connection is required to deliver a bolus with the Tandem t:slim mobile app.* Refer to the App Guide within the mobile app for information on compatible devices.

NOTE: These instructions are provided as a reference tool for pump users and caregivers who are already familiar with the use of an insulin pump and with insulin therapy in general. Not all screens are shown. For more detailed information on the operation of the t:slim X2 pump, please refer to its user guide.

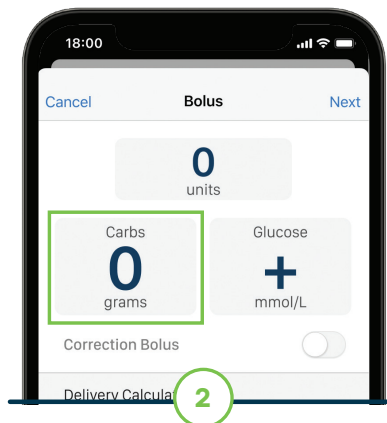


* Bolus delivery from the Tandem t:slim mobile app requires a compatible smartphone model and operating system, an app update, a remote software update on the t:slim X2 insulin pump and additional training.



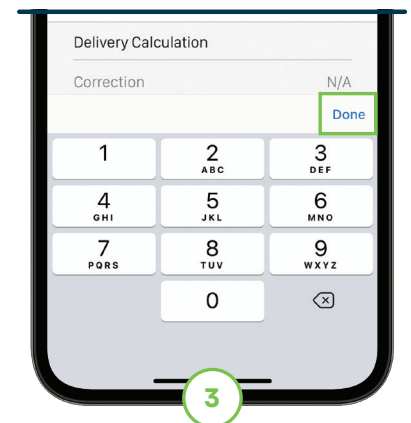
Tap **Bolus** from the Navigation bar.

NOTE: To deliver an extended bolus or quick bolus you must use the t:slim X2 insulin pump.

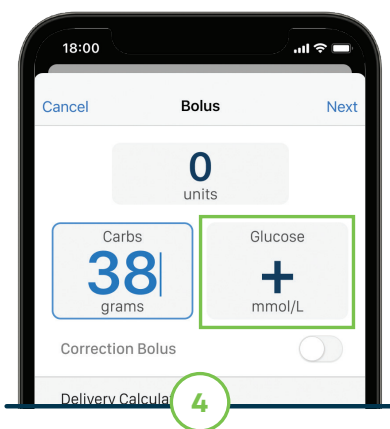


Tap **0 grams** to enter the carbs for the user's bolus.

NOTE: If this area reads "units," the carb feature is turned off in the active Personal Profile.

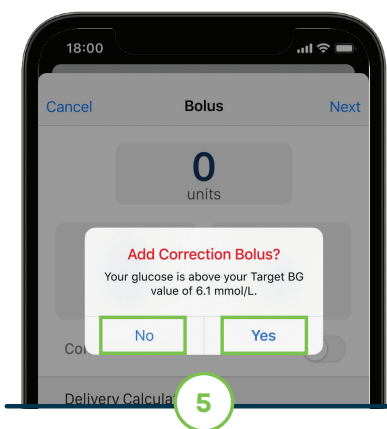


Enter desired value. Tap **Done** to continue.

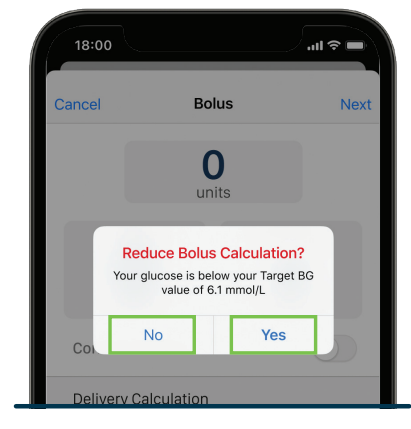


Tap **+ mmol/L** to enter the user's glucose and then tap **Done**.

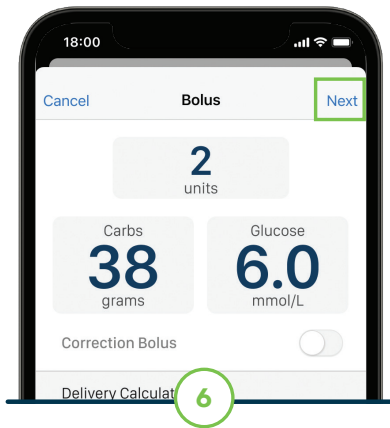
NOTE: With certain advanced features the current continuous glucose monitoring (CGM) reading may auto-populate.



If a BG is entered that is greater than the target, the option to add a correction bolus will appear. Tap **Yes** or **No**.

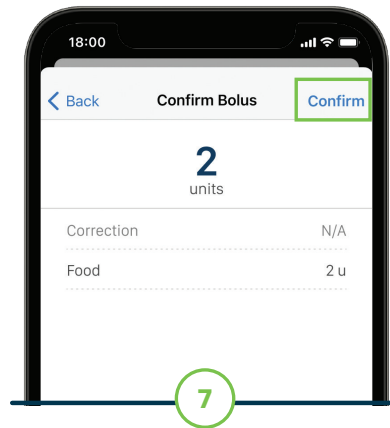


If a BG is entered that is less than the target, but greater than 3.9 mmol/L, the option to reduce the bolus amount will appear. Tap **Yes** or **No**.



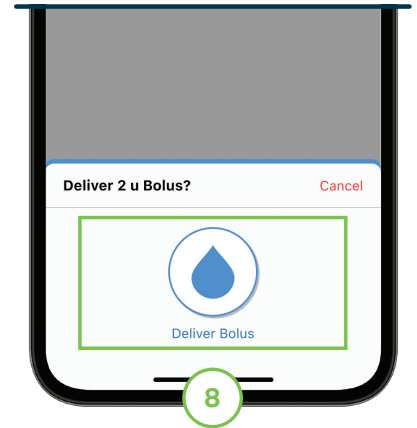
Tap **Next** (iOS) or the **Right Arrow** (Android) to continue.

NOTE: If a calculated bolus is larger than the Max Bolus setting, the bolus will be reduced. You can also override the bolus amount by tapping on the calculated units at the top of the screen.

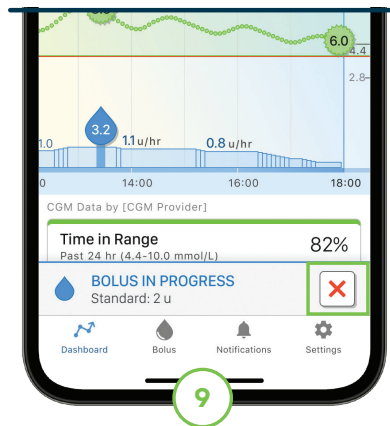




Tap **Confirm** (iOS) or **Checkmark** (Android) to verify.

NOTE: Calculations are based on insulin-to-carb ratios and correction factors within Personal Profiles.

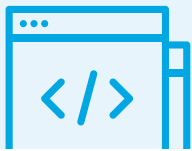


Tap **Deliver Bolus**. Use the smartphone's security feature to confirm. A Bolus Confirmed screen will appear on both the pump and the app.



To cancel a bolus, tap  on the app dashboard or tap  on the pump's Home screen. Confirm the cancellation.

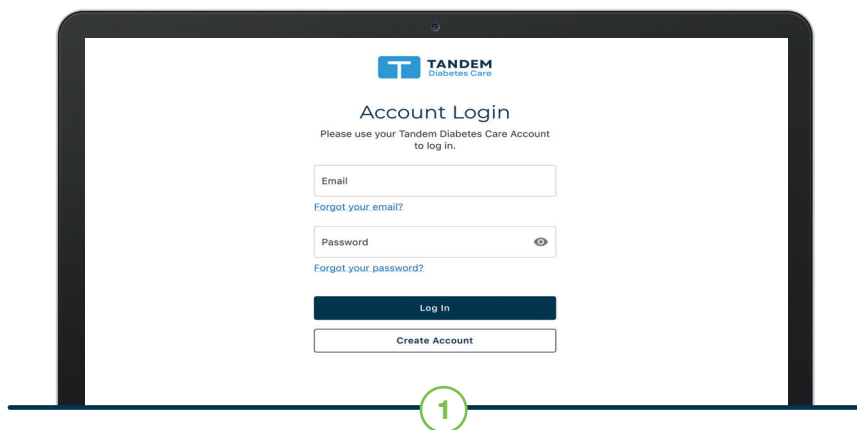




Log in at : source.tandemdiabetes.com



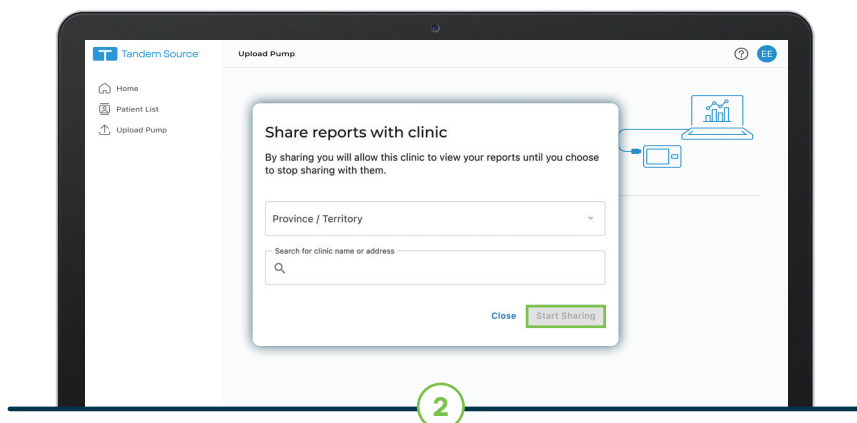
Create Account



If you already have a Tandem customer account, log in using the same email and password.

- ✓ If you do not have a Tandem account, click **Create Account**, and follow the prompts. A verification email will be sent to activate your account

Share Account

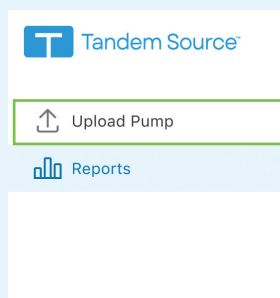


Click on the top right corner circle with your initials and select **Account Settings**.

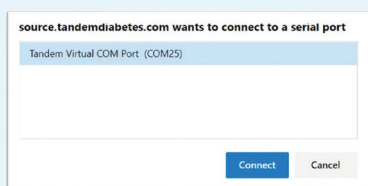
- ✓ Select **Share Reports** then click the button to **Add Clinic**
- ✓ Narrow your search by selecting your location or start typing in the name of your clinic
- ✓ Select your clinic and verify by the address provided

Upload Pump

- ✓ Click **Upload Pump** in the left navigation bar
- ✓ Plug the pump into the computer using the USB cable provided with the pump



A pop-up may appear notifying you that source.tandemdiabetes.com wants to connect to a serial port. Click on Tandem Virtual COM Port to highlight and click **Connect**.



- ✓ Click **Start Upload** to begin the data upload
- ✓ The first time you upload you will be prompted to link your pump. Select **Link Pump**
- ✓ Do not disconnect until you see the check mark confirming data upload is successful



Pump data can also be uploaded via Tandem USB cable

3





If you plan to travel by air with your insulin pump, some advance planning may make your security screening go smoother.

Your device has been tested for use during air travel and complies with CAA wireless transmission standards. It is also designed to withstand common electromagnetic interference and can be safely carried through metal detectors.

However, your Tandem Diabetes Care insulin pump should NOT be put through machines that use X-rays, including airline luggage X-ray machines and full-body scanners.

We recommend disconnecting at the infusion site and asking the security agent for an alternative screening method. If you prefer to stay connected, you can notify the agent about your pump and request to go through a standard metal detector wearing your pump.

It may be helpful to provide a printout of the information below to the security agent during the screening (this is available on amsldiabetes.com.au/resources for printing).



COME FLY WITH ME

Our travel loan program, offering you the freedom to explore the world with confidence. Take a replacement insulin pump for overseas travel as a spare, if the need arises.

For full program details, please contact your local sales representative.

If you have any questions about travelling with your insulin pump, please contact AMSL Diabetes Technical Support team on [1300 851 056](tel:1300851056) or at amsldiabetes.com.au. We are here for you 24 hours a day, 7 days a week.

Fold Here

Show this document to the airport representative

Dear airport representative,

This is an insulin pump from Tandem Diabetes Care, a life-sustaining medical device prescribed by a physician. It is designed to withstand common electromagnetic interference and can be safely carried through metal detectors, but it should not be exposed to any form of X-rays. This includes airline luggage X-ray machines and full-body scanners.

Please provide a screening method other than X-ray for this insulin pump. If you have any questions about this device, please call

AMSL Diabetes Technical Support
on [1300 851 056](tel:1300851056) or [+61 2 9157 5009](tel:61291575009)

Sincerely,
Tandem Diabetes Care



Metal detectors



X-rays, including full body scanners and luggage screening machines

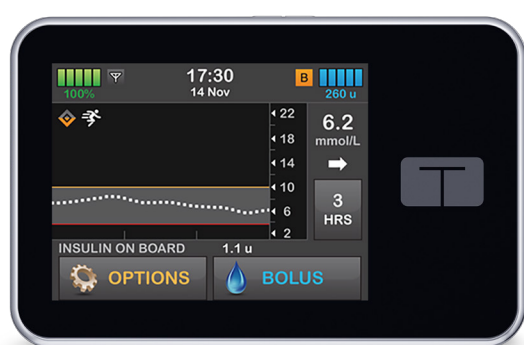


t:slim X2™

System Specifications

The following table lists t:slim X2 specifications and their related details.

SPECIFICATION TYPE	SPECIFICATION DETAILS
Classification	External PSU: Class II, Infusion Pump. Internally-powered equipment. Type BF applied part. The risk of ignition of flammable anaesthetics and explosive gases by the pump is remote. While the risk is remote, it is not recommended to operate the t:slim X2 pump in the presence of flammable anaesthetics or explosive gases
Size	7.95 cm x 5.08 cm x 1.52 cm
Weight (with full disposable)	112 grams
Operating Temperature Range	5°C to 37°C at maximum relative humidity of 95% non-condensing
Storage Temperature Range	-20°C to 60°C at maximum relative humidity of 95% non-condensing
Atmospheric Pressure	700 hPa to 1060 hPa (equivalent from -396 m up to 3048 m)
Cartridge Volume	3.0 mL or up to 300 units
Cannula Fill Amount	0.1 to 1.0 units of insulin
Insulin Concentration	U-100. Approved insulins: Humalog or NovoRapid
Alarm Type	Visual, audible, and vibratory
Basal Delivery Accuracy at all Flow Rates (tested per IEC 60601-2-24)	±5%*
Bolus Delivery Accuracy at all Volumes (tested per IEC 60601-2-24)	±5%*



5.08 cm

* In extreme pressure environments, delivery accuracy may vary up to ±15%. Extreme pressure environments include any rapid elevation change of 305 metres.

7.95 cm

System Options and Settings

The following table lists t:slim X2 options and settings and their related details.

OPTION/SETTING TYPE	OPTION/SETTING DETAILS
Time	12-hour clock and 24-hour clock
Maximum Basal Rate	0.0 units/hour, 0.1 - 15 units/hour
Insulin Delivery Profiles (Basal and Bolus)	Up to 6
Basal Rate Segments	16 per delivery profile
Basal Rate Increments	0.001 at programmed rates equal to or greater than 0.1 units/hour
Temp Basal Rate	15 minutes to 72 hours with 1 minute increments. Range: 0%-250%. Not available when Control-IQ is enabled
Bolus Setup	Can deliver based on carb input (grams) or insulin input (units). (The range for carbs is 1-999 grams; the range for insulin is 0.05-25 units)
Insulin to Carb (IC) Ratio	16 time segments per 24-hour period; Ratio: 1 unit of insulin per x grams of carbs; 1:1 to 1:300 (resolution is 1 above 10g and 0.1 below 10g)
BG Correction Target Value	6.1 mmol/L
Insulin Correction Factor (ICF)	16 time segments; Ratio: 1 unit of insulin reduces glucose x mmol/L; 1:0.1 to 1:33.3 (0.1 mmol/L increments)
Duration of Insulin Action	2-8 hours (preset to 5 hours when Control-IQ is on)
Bolus Increment	0.01 at volumes greater than 0.05 units
Quick Bolus Increment	When set to units: 0.5, 1, 2, 5 units (default is 0.5 units); or when set to grams/carbs: 2, 5, 10, 15 grams (default is 2 g)
Maximum Extended Bolus Time	15 minutes - 8 hours in 1min increments (maximum of 2 hours when Control-IQ enabled)
Maximum Bolus Size	25 units with up to 25 units for bolus remainder
Low Reservoir Volume Indicator	Status indicator (visible on home screen); Low Insulin Alert (user adjustable: 10-40 units)
Auto-Off Alarm	On or Off (Default depends on your software version-version 7.6 is defaulted to ON, from version 7.7 onwards, default is OFF); user adjustable (5-24 hours; default is 12 hours, which you can change when option is set to On)

t:slim X2™

System Options and Settings

The following table lists t:slim X2 specifications and their related details.

OPTION/SETTING TYPE	OPTION/SETTING DETAILS
History Storage	Up to 90 days of data (11,000 events)
Language	English
Screen Lock	Protects from unintentional taps on the touch screen
Security PIN	Protects from unintentional access and blocks access to quick bolus when enabled (default is Off)
Site Reminder	Prompts user to change infusion set. Can be set for 1-3 days at a time selected by user (default is Off)

OPTION/SETTING TYPE	OPTION/SETTING DETAILS
Missed Meal Bolus Reminder	Prompts user if a bolus has not occurred during the period of time the reminder is set. 4 reminders available (default is Off)
After Bolus Reminder	Prompts user to test BG at a selected time period after a Bolus has been delivered. Increment options of 1 hour to 3 hours duration in 1 min increments (default is Off)
High BG Reminder	Prompts user to retest BG after a High BG has been entered. User selects High BG value and time for reminder (default is Off)
Low BG Reminder	Prompts user to retest BG after a Low BG has been entered. User selects Low BG value and time for reminder (default is Off)

Additional technical specifications can be found in the t:slim X2 User Guide.
The above details are current as of **February 2024**.

[illegible]

Notes

[illegible]

[illegible]



* Uploads to the Tandem Source platform do not take place in real time and should not be relied upon by pump users, healthcare providers, or caregivers for remote patient monitoring. Standard carrier data rates may apply. † Bolus delivery from the Tandem t:slim mobile app requires a compatible smartphone model and operating system, an app update, a remote software update on the t:slim X2 insulin pump and additional training.

Important Safety Information: The t:slim X2 insulin pump is intended for the subcutaneous delivery of insulin, at set and variable rates, for the management of diabetes mellitus in persons requiring insulin. The pump is able to reliably and securely communicate with compatible, digitally connected devices.

The t:slim X2 insulin pump is a portable insulin infusion pump, including sterile cartridge, that delivers insulin subcutaneously through a disposable infusion set.

The System is not indicated for use in pregnant women, people on dialysis, or critically ill users. Do not use the System if using hydroxyurea. Users of the pump and the System must: be willing and able to use the insulin pump, CGM, and all other system components in accordance with their respective instructions for use; test blood glucose levels as recommended by their healthcare provider; demonstrate adequate carb-counting skills; maintain sufficient diabetes self-care skills; see healthcare provider(s) regularly; and have adequate vision and/or hearing to recognize all functions of the pump, including alerts, alarms, and reminders. The t:slim X2 pump must be removed before MRI, CT, or diathermy treatment. Visit tandemdiabetes.com/safetyinfo for additional important safety information.

WARNING: Control-IQ technology should not be used by anyone under the age of 6 years old. It should also not be used in users who require less than 10 units of insulin per day or who weigh less than 25 kilograms.

The information on the Tandem t:slim mobile app display may not be identical to the current status of your pump. Wireless uploads from the Tandem t:slim mobile app to the cloud-based Tandem Source platform require a compatible phone and an internet or wireless data connection. Uploads to the Tandem Source platform do not take place in real time and should not be relied upon by healthcare providers or caregivers for remote patient monitoring. Standard carrier data rates may apply.

The Tandem t:slim Mobile App is an accessory intended for use as a connected software device that is able to reliably and securely communicate with compatible insulin pumps.

Tandem Source is a web application intended to support glucose management through the display and analysis of information uploaded from Tandem insulin pumps.

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1300 851 056
au.enquiries@dexcom.com

amsldiabetes.com.au



TANDEM
Diabetes Care



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ALWAYS READ THE LABEL AND FOLLOW THE DIRECTIONS FOR USE. Read the warnings available on amsldiabetes.com.au/resources before purchasing. Consult your healthcare professional to see which product is right for you.

The t:slim X2 insulin pump is portable insulin infusion pump, including sterile cartridge, that delivers insulin subcutaneously through a disposable infusion set. Interface and features vary depending on the t:slim X2 insulin pump software version you are using. A full list of features can be found in the respective user guides here: amsldiabetes.com.au/resources. Control-IQ Technology: Control-IQ technology does not prevent all high and low blood glucose events, and is not a substitute for meal boluses and active self-management of your diabetes. Control-IQ technology will not be able to predict sensor glucose values and adjust insulin dosing if your CGM is not working properly or is unable to communicate with your pump. Always pay attention to your symptoms and blood glucose levels and treat accordingly. Dexcom G7 and Dexcom G6 is a registered trademark of Dexcom, Inc. in the United States and/or other countries. HUMALOG is a trademark of Eli Lilly, and Company. NOVOLOG and NOVORAPID are trademarks of Novo Nordisk A/S. Autosoft 90 is a trademark of Unomedical A/S. The Bluetooth® word mark and logos are registered trade-marks owned by the Bluetooth SIG, Inc. and any use of such marks by Tandem Diabetes Care is under license. All other trademarks and copyrights are the property of their respective owners. Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Google Play is a trademark of Google Inc. Australasian Medical & Scientific Limited is a Dexcom company. ARTG 304681. PR-100-486 March 2025