As an important member of our family, we would like you to know we understand the importance of managing your diabetes. We care about your health and we respect your time. In every aspect of our Company, from the creation of the t:slim® Insulin Delivery System to developing this reference guide, our goal is to always have you in mind.

This t:slim Reference Guide is designed to assist you with the features and functions of the t:slim Pump (t:slim) and cartridge. It provides step-by-step illustrative instructions on how to properly operate, manage and care for the t:slim Pump. Look for special content boxes, which highlight useful tips and important notes that may help with your interaction with the t:slim Pump.

The t:slim Reference Guide highlights common interactions with the pump and is not meant to replace the t:slim User Guide. For more comprehensive information on the t:slim Insulin Delivery System, please refer to the t:slim User Guide on the USB Memory Card.

Need help? We are here for you 24 hours a day, 7 days a week at 1-877-801-6901.

We know you can’t wait to use your t:slim Pump!
If your training has not already been scheduled, call us at 1-877-801-6901 to arrange it.
DO NOT deliver insulin with your t:slim Pump before your training.
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t:slim Overview

Indications for Use and Contraindications

Indications for Use
The t:slim Insulin Delivery System is intended for the subcutaneous delivery of insulin, at set and variable rates, for the management of diabetes mellitus in persons requiring insulin, for individuals 12 years of age and greater.

Contraindications
The t:slim Pump is not intended for anyone unable or unwilling to:

- Test BG levels as recommended by your healthcare provider
- Demonstrate adequate carbohydrate-counting skills (preferred, but not required)
- Maintain sufficient diabetes self-care skills
- See your healthcare provider(s) regularly

You must also have adequate vision and/or hearing in order to recognize your t:slim Pump alerts.

Federal law restricts this device to sale by or on the order of a Physician.

t:slim Overview

Your t:slim Pump uses touch screen technology.
To activate and interact with your t:slim Pump, use the pad of your finger to quickly and lightly tap on the screen.
Do not use your finger nail or another object to interact with the screen. It will not activate the screen or its functions.

QUICK TIP
Fingers should be clean and dry. Damp or oily fingers may interfere with activation of the touch screen.

Carb
Carbohydrates are sugars and starches that the body breaks down into glucose and uses as an energy source, measured in grams.

Carb Ratio
The carb ratio is the number of grams of carbohydrate that one unit of insulin will cover. Also known as insulin-to-carbohydrate ratio.

Correction Bolus
A correction bolus is given to correct elevated BG.

Correction Factor
A correction factor is the amount of BG that is lowered by one unit of insulin. Also known as the Insulin Sensitivity Factor (ISF).

Extended Bolus
An extended bolus is a bolus that is delivered over a period of time. It is commonly used to cover food that takes longer to digest. When administering an extended bolus with your t:slim Pump, enter the DELIVER NOW portion to dose a percentage of insulin immediately and the remaining percentage over a period time.

(Continue to next page)
**Grams**
Grams are a unit of measurement for carbohydrates.

**Insulin Duration**
Insulin duration is the amount of time that insulin is active and available in the body after a bolus has been delivered. This also relates to the calculation for Insulin on Board (IOB).

**Insulin On Board (IOB)**
IOB is the insulin that is still active (has the ability to continue to lower the BG) in the body after a bolus has been delivered.

**Load**
Load refers to the process of removing, replacing and filling a new cartridge and infusion set.

**Personal Profile**
A Personal Profile is a personalized group of settings that defines the delivery of basal and bolus insulin within specific time segments throughout a 24 hour period.

**Quick Bolus**
Quick Bolus (using the Quick Bolus Button) is a way to deliver a bolus by following beep/vibration commands without navigating through or viewing the t:slim Pump screen.

**Temp Rate**
Temp rate is an abbreviation for a temporary basal rate. It is used to increase or decrease the current basal rate for a short period of time to accommodate special situations. 100% is the same basal rate as programmed: 120% means 20% more and 80% means 20% less than the programmed basal rate.

**Units**
Units are the measurement for insulin.

**USB Cable**
USB is the abbreviation for Universal Serial Bus. The cable connects into the t:slim Pump’s micro USB port.

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**Screen Lock**

1. **Time and Date Display:** Displays the current time and date.

2. **Alert Icon:** Indicates a reminder, alert or alarm is active behind the screen lock.

3. **BATTERY Level:** Displays the level of battery power remaining. When connected for charging, the charging icon (lightning bolt) will display.

4. **INSULIN ON BOARD (IOB):** Amount and time remaining of any active insulin on board.

5. **Active Bolus Icon:** Indicates a bolus is active.

6. **Status:** Displays current pump settings and insulin delivery status.

7. **INSULIN Level:** Displays the current amount of insulin in the cartridge.

8. **Tandem Logo:** Returns to the Home Screen.
**t:slim Overview**

### Home Screen

1. **BATTERY Level:** Displays the level of battery power remaining. When connected for charging, the charging icon (lightning bolt) will display.

2. **USB Port:** Port to charge your t:slim Pump battery. Close the cover when not in use.

3. **BOLUS:** Program and deliver a bolus.

4. **OPTIONS:** Stop/Resume insulin delivery, manage Pump Settings, Load Cartridge, program a Temp Rate, and view History.

5. **INSULIN ON BOARD (IOB):** Amount and time remaining of any active insulin on board.

6. **Time and Date Display:** Displays the current time and date.

7. **Status:** Displays current pump settings and insulin delivery status.

8. **INSULIN Level:** Displays the current amount of insulin in the cartridge.

9. **Tandem Logo:** Returns to the Home Screen.

10. **Cartridge Tubing:** Tubing that is attached to the cartridge.

11. **Luer-Lock Connection:** Connects the cartridge tubing to the infusion set tubing.

12. **Screen On/Quick Bolus Button:** Turns on the t:slim Pump screen or programs a Quick Bolus (if activated).

13. **LED Indicator:** Illuminates when connected to a power supply and indicates proper functionality.

### Status Screen

1. **Profile:** Displays current active Personal Profile.

2. **Basal:** Displays current basal rate being delivered (Temp Rate: If active this displayed in units/hr).

3. **Last Bolus:** Displays the amount, date and time of last bolus.

4. **Carb Ratio:** Displays current carb ratio used to calculate bolus.

5. **Up/Down Arrow:** Indicates there is more information.

6. **Correction Factor:** Displays current correction factor used to calculate bolus.

7. **BG Target:** Displays current BG target used to calculate insulin on board.

8. **Insulin Duration:** Displays current insulin duration used to calculate insulin on board.

9. **Carbohydrates:** Indicates whether feature is On or Off.

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**NOTE**

No changes can be made from this screen.

**NOTE**

NA represents Not Applicable (does not apply).

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Customer Technical Support: 1-877-801-6901
**Bolus Screen**

**Using Grams**

1. **BACK**: Returns to the Home Screen.
2. **CARBS**: Enter grams of carb to be consumed.
3. **Units**: Displays total units calculated.
4. **View Calculation**: Displays how the insulin dose was calculated using the current settings.
5. **BG**: Enter blood glucose level.
6. **NEXT**: Moves to next step.

**Using Units**

1. **BACK**: Returns to the Home Screen.
2. **INSULIN**: Enter units of insulin.
3. **Units**: Displays total units calculated.
4. **View Calculation**: Displays how the insulin dose was calculated using the current settings.
5. **BG**: Enter blood glucose level.
6. **NEXT**: Moves to next step.

**Options Screen**

1. **BACK**: Returns to the Home Screen.
2. **STOP INSULIN**: Stops insulin delivery. If insulin delivery is stopped, **RESUME INSULIN** will be displayed.
4. **Load**: Change Cartridge, Fill Tubing, Fill Cannula, and Site Reminder.
5. **Temp Rate**: Programs a temporary basal rate.
6. **Menu Arrows**: Indicates additional menu options are available.
7. **History**: Displays historical log of pump events.

**COLOR**

Orange text relates to t:slim’s setup or delivery settings.

Use of blue text may relate to Bolus delivery activity.
Number Keypad

1. Value Entered.
2. BACK: Returns to previous screen.
4. +/-: Allows numbers to be added on gram screen. If in units, this displays as a decimal point.
5. DONE: Completes task and saves information entered.
6. Units/Grams: Value of what is entered.
7. ←: Deletes last number entered.

QUICK TIP
If changing an existing number, begin by tapping the numbers on the keypad to override the current value.

Letter Keypad

1. Name of Profile.
2. BACK: Returns to previous screen.
3. Space: Enters a space.
4. 123: Changes keypad mode from letters (ABC) to numbers (123).
5. SAVE: Saves entered information.
7. ←: Deletes last letter or number entered.

QUICK TIP
If changing an existing name, begin by tapping the letters on the keypad to enter new text. The maximum number of characters is 16.
My Pump Screen

1. **Personal Profiles:** A group of settings that defines basal and bolus delivery.

2. **Alert Settings:** Customize Reminders and Alerts.

3. **Pump Settings:** Customize Quick Bolus, Pump Volume, Screen Options, and Time and Date.

4. **Pump Info:** Displays t:slim Pump serial number, Customer Technical Support phone number and website.

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**Getting Started**

- **Charging t:slim Pump**
- **Turning On Pump Screen**
- **Unlock Pump Screen**
- **Edit Time**
- **Edit Date**
Charging t:slim Pump

The t:slim Pump is powered by an internal lithium polymer rechargeable battery. Included with the pump are accessories for charging from AC, automobile outlets, and a PC USB port. Upon receipt of the pump, you should charge it using the AC charger for at least 2.5 hours to ensure a full charge.

**NOTE**
When you charge the t:slim Pump, the following should occur:
- The screen illuminates
- An audible alert
- The LED (edge around the Screen On/Quick Bolus Button) illuminates
- A vibrating alert
- A charge symbol (lightning bolt) on the battery level indicator appears

**QUICK TIP**
Tandem Diabetes Care, Inc. recommends periodically checking the battery level indicator, charging the pump for a short period of time every day (10-15 minutes), and also avoiding frequent full discharges.

1. Plug the 2-prong end of the AC charger into a grounded AC electrical outlet.
2. Plug the USB cable into the AC charger and the other end into the micro USB port of your t:slim Pump. The screen illuminates.

Turning On Pump Screen

1. Press the **Screen On/Quick Bolus Button**, once.

   The Screen Lock will be displayed. Once unlocked the Home Screen or the last screen that was viewed will be displayed.

**NOTE**
The Screen On/Quick Bolus Button can also be used to turn the screen off.
Unlock Pump Screen

1. Press Screen On/Quick Bolus Button.

2. Tap 1.

3. Tap 2.

4. Tap 3.

   The pump screen is now unlocked. The last screen that was viewed will be displayed.

   NOTE
   You must tap 1-2-3 in sequential order or you will have to begin again to unlock the pump screen.

Edit Time

1. From the Home Screen, tap OPTIONS.

2. Tap My Pump.

3. Tap Pump Settings.

4. Tap Time and Date.

(Continue to next page)
Edit Time (Continued)

5 Tap **Edit Time**.

Verify the correct time is set and tap **SAVE**.

6 Tap **Time**.

7 Using the onscreen keypad, enter the hour and minutes. Verify and tap **DONE**.

COLOR
The orange highlighted area indicates a recent change made to a setting.

8 Tap **Time of Day** to set AM or PM.
Edit Date

1. From the Time and Date screen, tap **Edit Date**.

2. Tap **Month**.

3. Find and tap current month. Use Up/Down Arrow to view months not displayed.

4. Tap **Day**. Using the onscreen keypad enter the current day. Verify and tap **DONE**.

5. Tap **Year**.

6. Using the onscreen keypad enter the current year. Verify and tap **DONE**.

7. Verify the correct date is set and tap **SAVE**.

8. Tap **Tandem Logo** to return to the Home Screen.
Personal Profile

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### Personal Profile Overview

A Personal Profile is a group of settings that define the basal and bolus delivery within specific time segments throughout a 24 hour period. Each profile can be personalized with a name. Within a Personal Profile the following can be set:

- **Timed Settings:** Basal Rate, Correction Factor, Carb Ratio and Target BG.
- **Bolus Settings:** Insulin Duration, Max Bolus and Carbohydrates setting (ON/OFF).

**NOTE**
Up to 6 different Personal Profiles can be created and up to 16 different time segments can be set in each Personal Profile.

The first time segment starts at 12 midnight. Within a time segment Basal Rate, Correction Factor, Carb Ratio and Target BG are set.

### Creating a New Profile

1. From the Home Screen, tap **OPTIONS**.

2. Tap **My Pump**.

3. Tap **Personal Profiles**.

4. Tap **NEW** to create a new profile.

(Continue to next page)
Creating a New Profile (Continued)

5 Using the onscreen keypad, enter a profile name (up to 16 characters) and tap SAVE.

NOTE
Refer to the Overview section for instructions on using the onscreen keypad.

6 Tap Press to Setup to begin setting insulin delivery settings.

NOTE
Once the Personal Profile has been created, the settings must be programmed.

Programming a New Profile

Data entered will affect insulin delivery. Make sure all information is entered correctly.

1 Tap Basal.

NOTE
The first time segment will start at 12:00 AM (midnight).

2 Using the onscreen keypad, enter the desired basal rate and tap DONE.

Always confirm that the decimal point placement is correct.

3 Tap Correction Factor.

COLOR
The orange highlighted area indicates a recent change made to a setting.

(Continue to next page)
Programming a New Profile (Continued)

4. Using the onscreen keypad, enter the desired correction factor and tap **DONE**.

   ![Correction Factor Keypad]

   **NOTE**
   Enter the mg/dL that 1 unit of insulin will lower BG.

5. Tap **Carb Ratio**.

6. Using the onscreen keypad, enter the desired insulin-to-carbohydrate ratio and tap **DONE**.

   ![Carb Ratio Keypad]

   **NOTE**
   Enter the grams of carb to be covered by 1 unit of insulin.

7. Tap **Target BG**.

8. Using the onscreen keypad, enter the desired BG target and tap **DONE**.

9. Review entered values and tap **SAVE**.

   ![Target BG Keypad]

10. Confirm Settings.
    
    Tap **YES** if entered data is correct.
    
    Tap **NO** to make changes.

11. Tap **BACK** to set the Bolus Settings.
    
    Tap **ADD** to create additional time settings.

   ![Bolus Settings]

   **NOTE**
   Any settings defined in the previous time segment are copied and appear in the new time segment. Tap on the settings to edit as needed.

(Continue to next page)
Personal Profile

Programming a New Profile (Continued)

12 Tap the Bolus Settings Panel.

13 Tap Insulin Duration.

14 Using the onscreen keypad, enter the desired time for the duration of insulin action and tap DONE.

15 Tap Max Bolus.

16 Using the onscreen keypad, enter the desired amount for maximum bolus (1-25 units) and tap DONE.

17 Tap Carbohydrates to activate and use the carb ratio when calculating boluses.

18 Review entered values and tap SAVE.

19 Confirm Settings.
   - Tap YES if entered data is correct.
   - Tap NO to make changes.

20 Tap Tandem Logo to return to the Home Screen.
Edit an Existing Profile

1. From the Home Screen, tap OPTIONS.

2. Tap My Pump.

3. Tap Personal Profiles.

4. Tap the name of the Personal Profile to edit.

5. Tap Edit.

6. Tap Timed Settings Panel.

7. Tap the desired time segment to be edited.

8. Tap Basal, Correction Factor, Carb Ratio or Target BG to make changes as needed and use the onscreen keypad to enter desired changes. Tap DONE.

(Continue to next page)
Edit an Existing Profile (Continued)

9. View recent changes and tap SAVE.

10. Confirm Settings.
    Tap YES if entered data is correct.
    Tap NO to make changes.

11. Tap BACK after editing all of the time segments.

NOTE
Edit other time segments within the Timed Settings by tapping on them and using the same method described above.

NOTE
To Delete a time segment:
1. Tap on the X to the left of the time segment.
2. Tap YES to confirm.

12. Tap the Bolus Settings Panel to change DURATION, MAX BOLUS or CARBS as needed. Use the onscreen keypad to enter desired changes. Tap SAVE.

13. Confirm Settings.
    Tap YES if entered data is correct.
    Tap NO to make changes.

14. Tap Tandem logo to return to the Home Screen.

Customer Technical Support: 1-877-801-6901
Duplicate an Existing Profile

1. From the Home Screen, tap OPTIONS.

2. Tap My Pump.

3. Tap Personal Profiles.

4. Tap the name of the Personal Profile to duplicate.

5. Tap Duplicate.

6. Confirm profile to duplicate by tapping YES.

7. Using the onscreen keypad, enter the name (up to 16 characters) for the new profile and tap SAVE.

8. Tap the Timed Settings or Bolus Settings Panel to make changes to the new profile.
Activate, Delete or Rename a Profile

1. From the Home Screen, tap OPTIONS.

2. Tap My Pump.

3. Tap Personal Profiles.

4. Tap the name of the Personal Profile.

To Activate Profile:

5a. Tap Activate.

A screen to confirm the activation of the profile is displayed.

6a. Tap YES.

Profile Activated screen is displayed.

To Delete a Profile:

5b. Tap Delete.

6b. Tap YES.

Profile Deleted screen is displayed.

(Continue to next page)
To Rename a Profile:

5c Tap Down Arrow, and then Rename.

6c Using the onscreen keypad, rename the profile name (up to 16 characters) and tap SAVE.

7 Tap Tandem logo to return to the Home Screen.

Activate, Delete or Rename a Profile (Continued)

Load

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Load and Fill a t:slim Cartridge

**NOTE**
Before you begin, verify that the infusion set is **NOT** connected to your body.

**NOTE**
Before you begin, make sure you have the following items:
- 1 unopened, disposable, sterile, single-use cartridge
- Vial of rapid-acting insulin
- 3.0 mL syringe and fill needle
- Alcohol prep swab
- 1 new infusion set

**QUICK TIP**
Avoid changing an infusion set before going to bed or if you will not be able to test your BG 1-2 hours after a new set is placed.

**NOTE**
Do not disconnect the luer-lock connection between the cartridge tubing and the infusion set tubing. If the connection comes loose, disconnect the infusion set from the site on your body before tightening to avoid unintentional insulin delivery.

1. From the Home Screen, tap OPTIONS.
2. Tap Load.
3. Tap Change Cartridge.
4. Screen will display that all insulin deliveries will be stopped. Tap YES.
5. Disconnect the infusion set from your body and tap NEXT to continue.
6. Remove the cartridge and install an unused cartridge. Tap UNLOCK when completed.

(Continue to next page)
### Instructions on How to Install a Cartridge

1. Inspect cartridge package for any indication of damage. Discard any damaged product.
2. Open package and remove cartridge.
3. Place bottom of the cartridge at the end of the pump. Make sure cartridge is lined up to both guide tracks.
4. Push on the circular fill port next to the cartridge tubing to slide the cartridge onto the pump.

### Instructions on How to Fill a Cartridge

1. When prompted on the pump screen, fill the cartridge by gently inserting the syringe needle into the white insulin fill port on the t:sim Cartridge. The screen will automatically lock during this sequence.
2. Hold the pump upright (as shown to the right). Slowly depress the syringe plunger to inject insulin into the cartridge (you may feel some back pressure as you fill the cartridge).
3. While maintaining pressure on the plunger, remove the syringe needle from the cartridge. Check the area around the white insulin fill port for leaks. If you detect insulin is leaking from the white insulin fill port, discard the cartridge and repeat entire process with a new cartridge.

**QUICK TIP**

If needed, place the edge of a coin in the slot at the bottom of the cartridge and twist to aid in the removal of the cartridge.

**The cartridge requires a minimum of 50 units after tubing has been filled and a maximum of 300 units. Do not overfill or ‘top off’ when filling the cartridge as the additional amount cannot be delivered. This can lead to a cartridge error, which will require a new cartridge. Do not remove or add insulin from a filled cartridge. This will result in an inaccurate display of the insulin level on the Home Screen.**

8. Fill the cartridge and tap Unlock 🗝️.

9. Tap NEXT.

Detecting Cartridge and Removing Air from Cartridge screens are displayed.

Cartridge Changed screen is displayed.
Fill Tubing

**NOTE**
If starting from the Home Screen, tap OPTIONS, tap Load, tap Fill Tubing and then follow the instructions. Insulin delivery will be stopped and then resumed upon completion.

1. Verify that the infusion set is disconnected from your body and tap NEXT.

2. Connect the infusion set tubing to the luer-lock tail of the cartridge.

   Hold the pump vertically to ensure any air in the cartridge will be dispelled first.

3. Tap START.

   Starting Fill screen is displayed.

4. Tap STOP once 3 drops of insulin are seen at the end of the tubing.

   Stopping Fill screen is displayed.

5. Verify that drops are seen and tap DONE.

6. Fill Tubing is complete.

**NOTE**
The following are approximate amounts of insulin to fill different tubing lengths:
- 15 – 20 units for 23 inch tubing
- 20 – 25 units for 32 inch tubing
- 25 – 30 units for 42 inch tubing

If starting from the Home Screen, tap OPTIONS, tap Load, tap Fill Tubing and then follow the instructions. Insulin delivery will be stopped and then resumed upon completion.
**Fill Cannula**

**NOTE**
If starting from the Home Screen, tap OPTIONS, tap Load, tap Fill Cannula and then follow the instructions. Insulin delivery will be stopped and then resumed upon completion.

If using a steel needle infusion set, there is no cannula. Skip this Section.

1. Tap Fill Cannula.

2. Insert a new infusion set and connect tubing to site, then tap NEXT.

3. Tap Edit Fill Amount.

4. Select amount needed for cannula fill.

   **NOTE**
   If the amount needed is not listed, tap Other amount and use the onscreen keypad to enter a value between 0.1 to 1.0 unit.

5. Tap START.

   Starting Fill screen is displayed.

   After fill is complete, Stopping Fill screen is displayed.

   **NOTE**
   - The screen will return to the Load menu if the Site Reminder is turned OFF. Tap DONE to resume insulin if finished.
   - Or tap Site Reminder to set reminder.
   - If Site Reminder is ON, the pump will automatically display the Site Reminder Screen.

   **QUICK TIP**
   Refer to your infusion set instructions for proper insertion and cannula fill amount.

   **QUICK TIP**
   Avoid changing an infusion set before going to bed or if you will not be able to test your BG 1-2 hours after a new set is placed.
Site Reminder

NOTE
If starting from the Home Screen, tap OPTIONS, tap Load, tap Site Reminder then follow the instructions below.

1. Tap SAVE if correct.
   - Tap Edit Reminder if settings need to be changed.

2. Tap Remind Me In and select the number of days.
   - NOTE: Default reminder is set for 3 days.

3. Tap Remind Me At. Use the onscreen keypad to enter time and tap DONE.

4. Tap Time of Day to change AM or PM. Tap BACK.

5. Verify Site Reminder is set correctly and tap SAVE.

   Site Reminder Set screen is displayed.

6. Load screen is displayed. Tap DONE.

   A reminder to test BG in 1-2 hours will display.

(Continue to next page)
Site Reminder (Continued)

7 Tap **RESUME**.

**NOTE**
If this is the first time using your t:slim Pump and a Personal Profile has not been defined, a screen will notify you that a profile must be activated to resume insulin. Tap **CLOSE**.

8 **RESUMING INSULIN** splash screen is displayed.

### Bolus

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Bolus Overview

A bolus is a quick dose of insulin that is usually delivered to cover food eaten or an elevated BG. A food bolus should be combined with a BG value whenever possible.

After entering grams of carb or units of insulin needed for food, and/or entering a BG value, tap View Calculation to see how the delivery amount was calculated.

**NOTE**
An Incomplete Bolus Alert will be displayed if programming the bolus is not completed within 90 seconds.

**NOTE**
Turn off the pump screen by pressing the Screen On/Quick Bolus button. Position the screen away from the skin before placing the pump back in its case or in any pocket/clothing to prevent unintentional interactions with the touchscreen.

Food Bolus Using Units

**NOTE**
If bolusing using a carb ratio skip to the next section Food Bolus Using Grams.

1. From the Home Screen, tap BOLUS.

2. Tap 0 units.

3. Using the onscreen keypad, enter desired units of insulin. Tap DONE.

Always confirm that the decimal point placement is correct.

(Continue to next page)
Food Bolus Using Units (Continued)

4 Tap NEXT to confirm the units of insulin to be delivered.

5 Confirm Request.
Tap YES if entered data is correct.
Tap NO to go back to make changes or view calculations.

6 Tap DELIVER.

7 The bolus splash is displayed.

Food Bolus Using Grams

1 From the Home Screen, tap BOLUS.

2 Tap 0 grams.

3 Using the onscreen keypad enter grams of carb and tap DONE.

NOTE
• To add multiple carb values enter first value, then tap +/-, enter second value, tap +/-, Continue until done.
• To clear the value entered and start over, tap the back arrow.

4 Tap NEXT to confirm the units of insulin to be delivered.

NOTE
Tap the displayed units calculated to override the amount.

(Continue to next page)
**Food Bolus Using Grams (Continued)**

5. Confirm Request.
   - Tap **YES** if entered data is correct.
   - Tap **NO** to go back to make changes or view calculations.

6. Tap **DELIVER**.

7. The bolus splash screen is displayed.

**Correction Bolus**

1. From the Home Screen, tap **BOLUS**.

2. Tap **Add BG**.

3. Using the onscreen keypad, enter BG value and tap **DONE**.

   **NOTE**
   Once **DONE** is tapped, the BG value is saved in pump History whether or not a bolus is delivered.

   - If BG is above the Target BG, a message screen will indicate BG is above Target. To add a correction bolus tap **YES**.
   - If BG is below Target BG, a message screen advises to eat carbs and retest. Tap **Close**.
   - If BG is at Target BG, it will return to the Bolus Screen with no recommended bolus amount for correction.

(Continue to next page)
Correction Bolus (Continued)

4 Tap NEXT to confirm the units of insulin to be delivered.

**NOTE**
Tap the displayed units calculated to override the amount.

5 Confirm Request.
Tap YES if entered data is correct.
Tap NO to go back to make changes or view calculations.

6 Tap DELIVER.

7 The bolus splash screen is displayed.

Extended Bolus

1 From the Home Screen, tap BOLUS.

2 Tap 0 grams (or 0 units).

3 Using the onscreen keypad enter grams of carb (or units of insulin). Tap DONE.

4 If desired, tap Add BG and using the onscreen keypad enter BG value. Tap DONE.

5 Tap NEXT to confirm the units of insulin to be delivered.

6 Confirm Request.
Tap YES if entered data is correct.
Tap NO to go back to make changes or view calculations.

(Continue to next page)
Extended Bolus (Continued)

7 Tap EXTENDED to turn ON the extended feature, then tap NEXT.

8 Tap 50% under DELIVER NOW to adjust the percentage of the food bolus that is to be delivered immediately.

9 Use the onscreen keypad to enter the percentage of the bolus to DELIVER NOW and tap DONE.

10 Tap 2 hrs under DURATION.

11 Use the onscreen keypad to adjust the length of time the bolus is to be delivered, then tap DONE.

12 Tap NEXT.

13 Confirm Request.

   Tap YES if entered data is correct.

   Tap NO to go back to make changes or view calculations.

(Continue to next page)
Extended Bolus (Continued)

14 Verify settings and tap DELIVER.

The bolus splash screen is displayed.

Quick Bolus Setup

1 From the Home Screen, tap OPTIONS.

2 Tap My Pump.

3 Tap Pump Settings.

4 Tap Quick Bolus.

(Continue to next page)
Quick Bolus Setup (Continued)

5. Tap Quick Bolus to turn On.

6. Tap Increment Type.

7. Tap units of insulin or grams of carbohydrate.

NOTE
The increment amount is added with each press of the Quick Bolus Button when delivering a quick bolus.

8. Tap Increment Amount.

9. Select the preferred increment amount.

10. Verify settings and tap SAVE.
Quick Bolus Setup (Continued)

11 Confirm Settings.
   Tap YES if entered data is correct.
   Tap NO to make changes.

12 Tap Tandem Logo to return to the Home Screen.

Quick Bolus

When you first use the Quick Bolus feature, you should always look at the screen to confirm correct programming until you are comfortable with this feature.

1 Press and hold Quick Bolus Button.
   The Quick Bolus screen will appear.
   Listen for 2 beeps (if Pump Volume is set to beep) and feel for 2 vibrations.

2 Press Quick Bolus Button for each increment until desired amount is reached. The pump will beep/vibrate for each button press.

(Continue to next page)
**Quick Bolus (Continued)**

3 Please wait a few seconds for the pump to beep/vibrate back for each increment pressed to confirm desired amount.

4 After the beeps/vibrate, press and hold **Quick Bolus** button to deliver the bolus.

**NOTE**
- If more than 10 seconds have passed with no input, the bolus is cancelled and never delivered.
- If you want to cancel the bolus and return to the Home Screen, tap CANCEL on the QUICK BOLUS screen.

5 The bolus splash screen is displayed.

**NOTE**
t:slim will beep and vibrate during a Quick Bolus if a beep volume is set. It will only vibrate if the vibrate option is selected.

### Cancel or Stop a Bolus

**If Delivery Has NOT Started:**

1 Tap the X to cancel the bolus.

The bolus button will remain inactive while the bolus is being cancelled.

Once cancelled, the bolus button will become active again on the Home Screen.

(Continue to next page)
Cancel or Stop a Bolus (Continued)

If Delivery HAS Started:

1. Tap the X to stop delivery.

2. Tap YES.

   The BOLUS STOPPED screen is momentarily displayed while the units delivered are calculated.

3. Units requested and delivered are shown. Tap CLOSE.

Pump Features

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- Pump Volume and Screen Options 90
Stop and Resume Insulin Delivery

**To Stop Insulin Delivery:**

1. From the Home Screen, tap **OPTIONS**.

2. Tap **STOP INSULIN**.

3. Tap **STOP**.

   The All Deliveries Stopped screen appears before returning to the Home Screen.

**To Resume Insulin Delivery:**

1. Press the **Screen On/Quick Bolus** button once, and then unlock the screen.

2. Tap **RESUME**.

3. The **RESUMING INSULIN** splash screen is displayed.

   - **OR** -

   (Continue to next page)
Stop and Resume Insulin Delivery (Continued)

1. From the Home Screen, tap OPTIONS.

2. Tap RESUME INSULIN.

3. Tap RESUME.

4. The RESUMING INSULIN splash screen is displayed.

Quick Tip
Current rate is 100%. An increase is greater than 100% and decrease is less than 100%.

Setting a Temp Rate

1. From the Home Screen, tap OPTIONS.

2. Tap Temp Rate.

3. Tap Temp Rate.

4. Using the onscreen keypad enter desired percentage. Tap DONE.

(Continue to next page)
**Setting a Temp Rate (Continued)**

5. Tap **Duration**. Using the onscreen keypad enter desired length of time for temp rate. Tap **DONE**.

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

![Temp Rate Settings](image)

6. Verify settings and tap **START**.

![Temp Rate Settings](image)

7. The **TEMP RATE STARTED** splash screen is displayed.

**NOTE**
If a Temp Rate is currently active, the status of insulin delivery displays an orange "T". If a Temp Rate of 0% is currently active, the status of insulin delivery displays a red "T".

8. The **Screen Lock** screen will be displayed with the icon indicating a Temp Rate is active.

**NOTE**
To stop Temp Rate at any time, tap **OPTIONS**, tap X.

Confirm message will be displayed. Tap **STOP**.

![Temp Rate Stop](image)
History

1. From the Home Screen, tap OPTIONS.

2. Tap the Down Arrow.

3. Tap History.

4. Tap desired option.

QUICK TIP
- Delivery Summary breaks down total insulin delivery by basal and bolus types, into units and percentages. It can be viewed by the selected time period of Today, 7 Day, 14 Day, and 30 Day Average.
- Bolus, Basal, Load, BG, Alerts and Alarms, and Complete are categorized by date. The event details in each report are listed by time.

5. Tap Tandem logo to return to the Home Screen.
## Reminders and Alerts

**t:slim Pump has customizable reminders:**

- **Low BG** – notifies you to re-test your BG after a low BG value is entered.
- **High BG** – notifies you to re-test your BG after a high BG value is entered.
- **After Bolus BG** – notifies you to test your BG a selected time period after a bolus has been delivered.
- **Missed Meal Bolus** – notifies you of a possible missed meal bolus based on the time period selected.
- **Site Reminder** – notifies you that it’s time to change your site.

Reminders sound with a single note at the volume/vibe selected in Pump Settings. They repeat at regular intervals until acknowledged.

**t:slim Pump has two customizable alerts:**

- **Low Insulin** – alerts when insulin in the cartridge reaches the set low amount (10 units - 40 units).
- **Auto-Off** – alerts if no pump activity has occurred within the set time period (5 hrs - 24 hrs).

Alerts sound with two notes at the volume/vibe selected in Pump Settings. They repeat at regular intervals until acknowledged.

1. **From the Home Screen, tap OPTIONS.**
2. **Tap My Pump.**
3. **Tap Alert Settings.**
   - **For Reminders:**
     4a. **Tap Reminders.**
     5a. **Tap desired option and complete set up.**
   - **For Alerts:**
     4b. **Tap Alerts.**
     5b. **Tap desired option and complete set up.**
Pump Volume and Screen Options

The Pump Volume provides personalization of the Buttons, Quick Bolus, Bolus, Reminders, Alerts and Alarms. Options for Pump Volume include High, Medium, Low or Vibrate.

The Screen Options provides personalization of the Screen Timeout and Feature Lock.

1. From the Home Screen, tap OPTIONS.

2. Tap My Pump.

3. Tap Pump Settings.

For Pump Volume:

4a. Tap Pump Volume.

5a. Tap desired function and desired option.

For Screen Options:

4b. Tap Screen Options.

5b. Tap desired option to complete setup.
# Alerts and Technical Support

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Alerts

t:slim will sound or vibrate for some of the following reasons:
- Low Power
- Incomplete Bolus
- Incomplete: Cartridge Load, Cannula Fill, Tubing Fill
- Incomplete Setting
- Incomplete Temp Rate
- Max Bolus
- Max Hourly Bolus
- Max Basal
- Low Insulin

Alerts sound with two notes at the volume/vibe selected in Pump Settings. They repeat at regular intervals until acknowledged. Alerts do not escalate.

Alarms

t:slim alarms are preset and trigger automatically. Some of these alarms include:
- Resume Pump
- Shutdown
- Empty Cartridge
- Cartridge Error
- Occlusion
- Auto-Off (user settable)

Alarms are for potential interruption of insulin delivery.

Alarms sound with three notes at the volume/vibe selected in Pump Settings. If not acknowledged, alarms escalate to highest volume and vibe. Alarms repeat at regular intervals until the condition that caused the alarm is resolved.

Malfunction

Malfunction alarms are preset and triggered automatically. Malfunction alarms indicate the need to call Customer Technical Support for trouble-shooting.

Malfunctions sound with three notes at the highest volume and vibe. They repeat at regular intervals until acknowledged. Malfunctions cannot be resolved.

Customer Technical Support

Customer Technical Support is available 24 hours a day, 7 days a week at 1-877-801-6901.

QUICK TIP
The Customer Technical Support phone number can be found on the t:slim Pump by tapping OPTIONS, then My Pump, then Pump Information.
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