

Insulin setup

Welcome to our detailed guide on insulin delivery setup for the Tandem t:slim X2 insulin pump.

We'll explore how to program basal insulin, control temporary basal rates, and administer insulin boluses.

1 Programming basal Insulin

Programming basal insulin in the Tandem t:slim X2 insulin pump is unique as it requires you to input both basal insulin and bolus calculator settings in the same time segments.

- To access your personal profile settings first tap options, next tap my pump, tap personal profiles, tap the plus icon to create a new profile using the on-screen keypad.
- Enter a profile name up to 16 characters and tap the green check mark icon. Tap press to set up to begin setting insulin delivery settings. The first settings you enter always start at 12 AM.
- Next to basal, tap press to set up. Using the on-screen keypad, enter your basal rate and tap the blue checkmark icon.
- Next to correction factor, tap press to set up. Using the on-screen keypad, enter your correction factor and tap the blue check mark icon.
- Next to carb ratio tap press to set up. Using the on-screen keypad, enter your insulin to carbohydrate ratio and tap the blue check mark icon.
- Next to target BG tap press to set up. Using the on-screen keypad enter your target BG and tap the blue checkmark icon.
- Review all of the values you just entered and tap the green checkmark icon. To confirm your settings, tap the blue check mark icon if your data is correct or tap the x icon to make changes.
- If you need to add more time segments tap the plus icon or tap the back arrow icon to program your bolus settings. When adding more time segments, any settings that you entered in the previous time segment are copied and appear in the new segment. This allows you to simply adjust only the specific settings you want rather than having to enter them all over again.

- On the add segment screen next to start time tap press to setup. Using the on-screen keypad enter the time that you want the segment to begin and tap the blue check mark icon. Remember that this segment will be active from the start time until 12 AM or until the next segment you enter.
- When you have confirmed your settings and are done adding time segments, tap the back arrow icon to program your bolus settings. First tap the bolus settings panel to get started.
- Next tap insulin duration. Using the on-screen keypad enter the desired time for the duration of insulin action and tap the blue check mark icon.
- Next tap max bolus. Using the on-screen keypad enter the desired amount for your maximum bolus size and tap the blue check mark icon.
- Next tap the carbohydrate slider to turn carbs on meaning the bolus calculator will use your carb ratio when calculating boluses.
- Now review all the values you entered and tap the green check mark icon. The pump will then ask you to confirm your settings tap the blue check mark icon to confirm or the x icon to make changes.
- When you have confirmed your settings tap the Tandem logo to return to the home screen. If you need to add additional personal profiles repeat the steps outline in this video.
- You may also duplicate an existing personal profile. Then select edit to change only certain settings to create a new profile.

To stop basal insulin, select 'Stop insulin' under Options. When insulin is stopped, the home screen will show the status “All deliveries stopped”. Restarting basal insulin can be done in the same way via Options.

2 Temporary basal

For temporary basal control, navigate to 'Activity' under Options and select 'Temporary basal'. Here, you can set the percentage and duration of your choice. When it's on, an orange 'T' appears in the status bar. You can always manually turn off the temporary basal, which reverts the 'T' back to the current system settings and insulin delivery status icon.

3 Delivering a bolus

Administering a bolus is straightforward. From the start screen, hit the bolus button, input the carbohydrate grams and, if necessary, a finger prick value. If paired with a Dexcom G6, the last glucose value will auto-fill. The pump recommends an insulin dose, which you can override.

A handy tip is the option of extended bolus delivery. When confirming a bolus, you can opt to make it an extended bolus and adjust the percentage and time duration as needed.

That's it! You're now equipped with the knowledge to configure and adjust insulin on the Tandem t:slim X2 pump efficiently. In our next video, we'll guide you through changing the insulin reservoir and infusion set.