



This Quick Reference Sheet will teach you how to turn Control-IQ technology on. **Flip to the back** to learn how Control-IQ technology adjusts insulin delivery.



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

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.



Tap **My Pump**.



Tap **Control-IQ**.



Pump Tip: Existing users can tap Options, the down arrow, History, Pump History, Delivery Summary, and then 14 Day Average to find their average Total Insulin.



Toggle Control-IQ on.

Note: User must have an active Personal Profile with CARBS turned on and an active CGM* session to turn Control-IQ technology on.



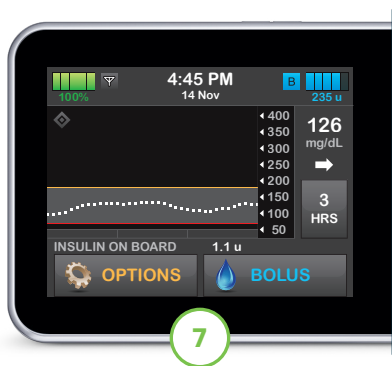
Enter the user's weight and average daily insulin use.

Note: Total Daily Insulin should be an estimate of the total basal and bolus insulin the user requires in a 24-hour period.



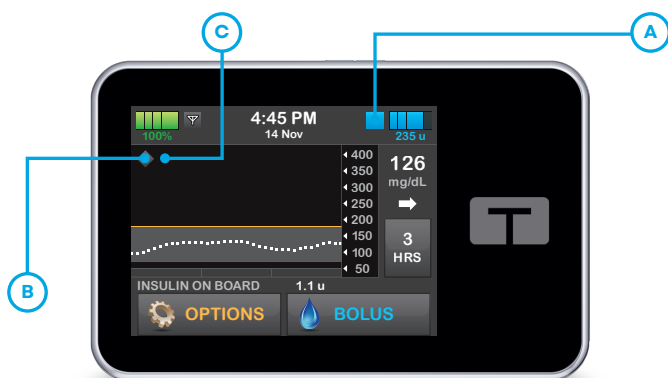
Tap  to save the settings.

Tap the Tandem logo on the face of the pump to return to the Home screen.



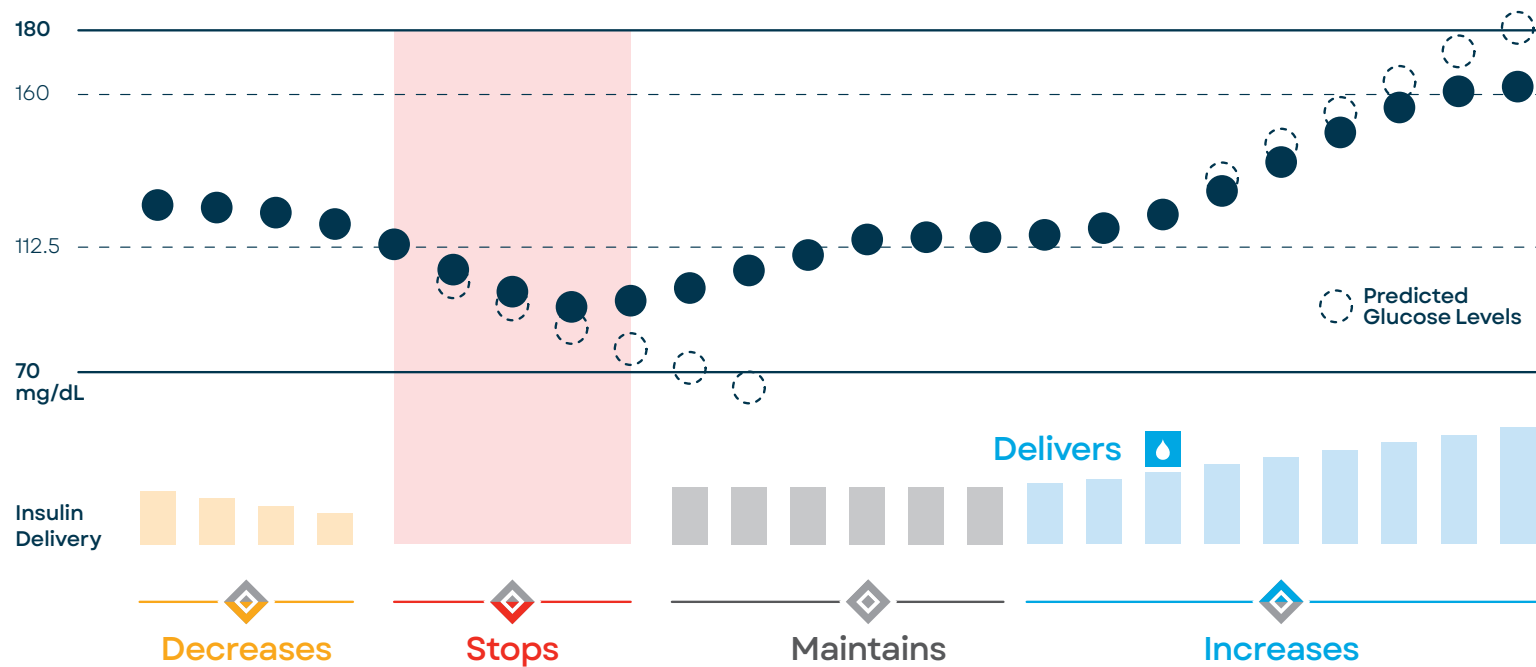
Control-IQ technology is on.

Explanation of Icons



Insulin Adjustments	A	B
Delivers basal rate from Personal Profile	B	◇
Increases basal insulin delivery	B	◇
Delivers an automatic correction bolus†	💧	◇
Decreases basal insulin delivery	B	◇
Stops basal insulin delivery	0	◇
Activity States	C	
Sleep Activity enabled	ZZZ	
Exercise Activity enabled	🏃	

† If glucose values are predicted to be above 180 mg/dL, Control-IQ technology calculates a correction bolus using the Personal Profile settings and a target of 110 mg/dL and delivers 60% of that value. An Automatic Correction Bolus will not occur within 60 minutes of a bolus that has been delivered or canceled.



Activity Settings

Control-IQ technology features two optional settings that adjust treatment ranges for more targeted control.

- ✓ When the Sleep Activity is enabled, the system narrows and lowers the range of treatment values to 112.5-120 mg/dL.
- ✓ When the Exercise Activity is enabled, a tighter and higher range of treatment values from 140-160 mg/dL is used.



Pump Tip: Automatic correction boluses* will not be delivered while Sleep is enabled but can be delivered once per hour when the Exercise Activity is enabled.

Responsible Use of 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. Please visit tandemdiabetes.com/tslimX2-use for more information.

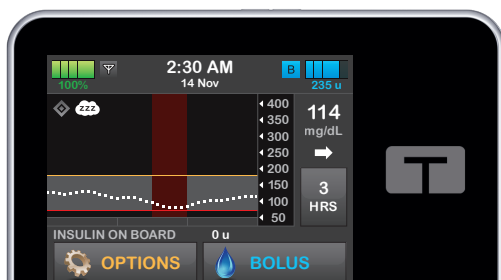


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How it Works

The t:slim X2 insulin pump with Control-IQ technology uses continuous glucose monitoring (CGM) values to predict glucose levels 30 minutes ahead and automatically adjust insulin every 5 minutes.

This powerful algorithm can decrease or stop basal insulin delivery to help prevent lows. It can also increase insulin delivery and deliver automatic correction boluses* () to help avoid highs.



* CGM sold separately.

Important Safety Information: RX ONLY. The t:slim X2 pump and Control-IQ technology are intended for single patient use. The t:slim X2 pump and Control-IQ technology are indicated for use with U-100 insulin only. **t:slim X2 insulin pump:** The t:slim X2 insulin pump with interoperable technology is an alternate controller enabled (ACE) pump that is intended for the subcutaneous delivery of insulin, at set and variable rates, for the management of diabetes mellitus in people requiring insulin. The pump is able to reliably and securely communicate with compatible, digitally connected devices, including automated insulin dosing software, to receive, execute, and confirm commands from these devices. The t:slim X2 pump is indicated for use in individuals six years of age and greater. **Control-IQ technology:** Control-IQ technology is intended for use with a compatible integrated continuous glucose monitor (iCGM, sold separately) and ACE pump to automatically increase, decrease, and suspend delivery of basal insulin based on iCGM readings and predicted glucose values. It can also deliver correction boluses when the glucose value is predicted to exceed a predefined threshold. Control-IQ technology is intended for the management of Type 1 diabetes mellitus in persons six years of age and greater.

WARNING: Control-IQ technology should not be used by anyone under the age of six years old. It should also not be used in patients who require less than 10 units of insulin per day or who weigh less than 55 pounds.

Control-IQ technology is not indicated for use in pregnant women, people on dialysis, or critically ill patients. Do not use Control-IQ technology if using hydroxyurea. Users of the t:slim X2 pump and Control-IQ technology must: 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, and the CGM transmitter and sensor must be removed before MRI, CT, or diathermy treatment. Visit tandemdiabetes.com/safetyinfo for additional important safety information.

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