



T:SLIM X2 INSULIN PUMP

Control-IQ Technology



Air Liquide HEALTHCARE

### 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.



**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.

\* CGM sold separately.

**Important Safety Information:** The t:slim X2 insulin pump with Control-IQ technology (the System) consists of the t:slim X2 insulin pump, which contains Control-IQ technology, and a compatible continuous glucose monitor (CGM, sold separately). 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 people requiring insulin. The t:slim X2 insulin pump can be used solely for continuous insulin delivery and as part of the System. When used with a compatible CGM, the System can be used to automatically increase, decrease, and suspend delivery of basal insulin based on CGM sensor readings and predicted glucose values. The System can also deliver correction boluses when the glucose value is predicted to exceed a predefined threshold. The pump and the System are indicated for use in individuals six years of age and greater. The pump and the System are intended for single user use. The pump and the System are indicated for use with U-100 insulin only.

**WARNING:** Control-IQ technology should not be used by anyone under the age of six 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 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 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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Customer Service  
UK 0800 0121 560  
IRE 1800 12 4912

t:simulator App  
A free virtual pump demo



TANDEM DIABETES CARE

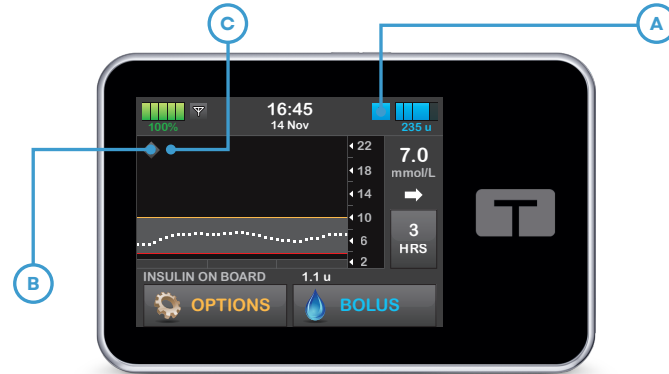
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### Explanation of Icons



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 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. An Automatic Correction Bolus will not occur within 60 minutes of a bolus that has been delivered or cancelled.



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.



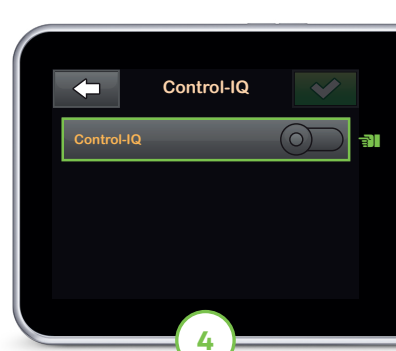
Tap **My Pump**.



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.

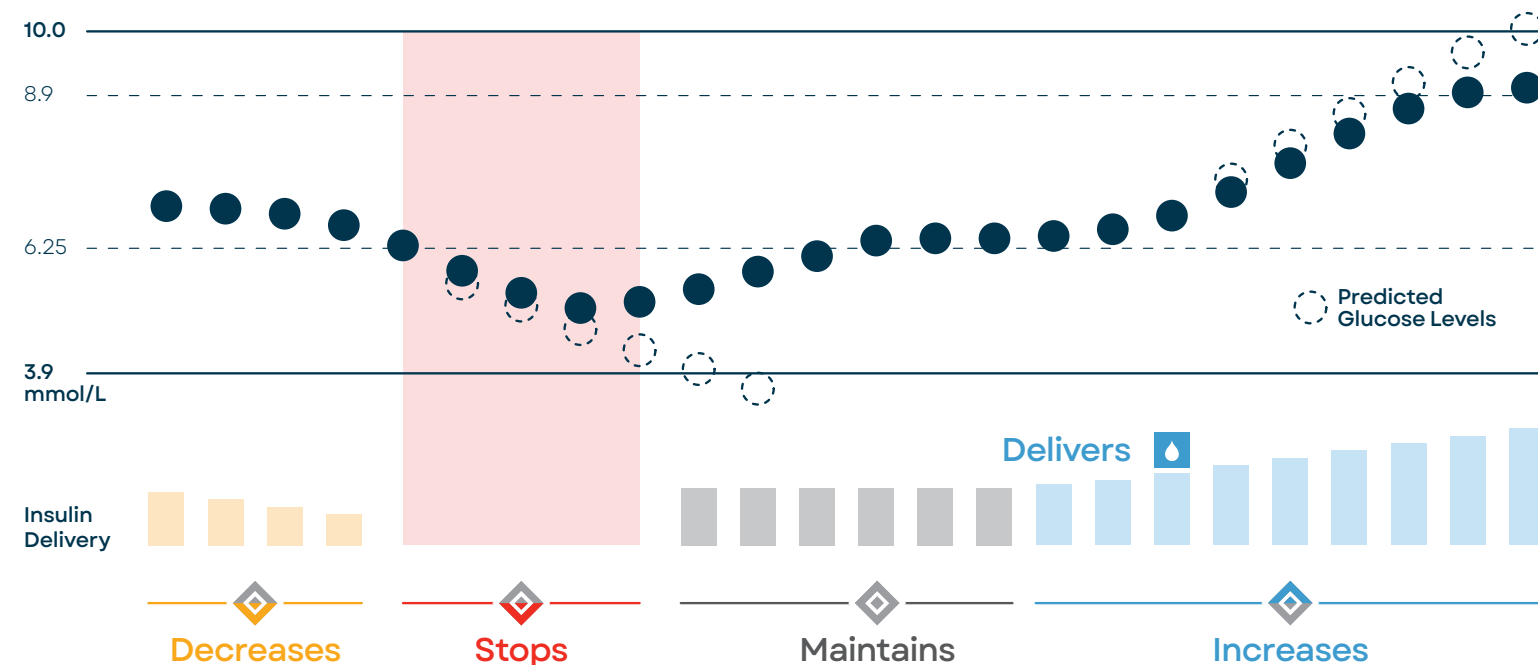
**Note:** Total Daily Insulin should be an estimate of the total basal and bolus insulin the user requires in a 24-hour period.



Tap  to save the settings.



Control-IQ technology is on.



## 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 6.25-6.7 mmol/L.



When the Exercise Activity is enabled, a tighter and higher range of treatment values from 7.8-8.9 mmol/L is used.

### 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](http://tandemdiabetes.com/tslimX2-use) for more information.