


t:slim X2

Insulin Pump



positively different





Brittney
diagnosed 2008

TANDEM DIABETES CARE

We strive to make
a positively different
impact on the lives of
people with diabetes.

Hudson
helping since 2016

It's time for a positively different diabetes care experience with the t:slim X2 insulin pump. The intuitive design and advanced features allow you to focus on new possibilities, and not just on managing your diabetes.



Predictive technology

Our algorithm can predict glucose levels up to 30 minutes ahead and adjust insulin dosing.



Exceptional accuracy¹

Continuous glucose monitoring (CGM) from the Dexcom G6 provides real-time accuracy to better manage blood sugar.



Integrated data

Users can upload their data to the Glooko platform to help facilitate conversations with their healthcare team.



How insulin pumps work

Insulin flows from the t:slim X2 insulin pump to an infusion set via flexible tubing. From there, it is delivered subcutaneously.

Simple dosing

You can personalize your pump to deliver a steady amount of insulin (basal) and/or deliver mealtime insulin (bolus) using an integrated calculator with carb-adding capabilities.

Flexibility to disconnect

It's easy to temporarily disconnect your infusion set from the t:slim X2 insulin pump for showering or sports.

Choose your set

The pump is compatible with different infusion sets. You can choose the length, angle, and material that work best for your body.





Maximus
diagnosed 2018

Karen
diagnosed 1992



Benefits of pump therapy

Using an insulin pump offers several benefits compared to multiple daily injections and pens, including:

- ✓ Better control of blood glucose (BG)^{2,3,4}
- ✓ Shorter periods of high BG with no increase in hypoglycemia*
- ✓ Accurate tracking of all insulin delivered
- ✓ Never leaving home without your insulin

How CGM works

Dexcom G6 CGM provides real-time glucose readings to the t:slim X2 insulin pump every five minutes, notifying you of highs and lows throughout the day and night.

0

No routine fingersticks*

When the pump is integrated with Dexcom G6 CGM, fingersticks are not needed for calibration or mealtime dosing.

1

Small sensor

A discreet, water-resistant† sensor located just underneath your skin measures your glucose levels.

Eviola
diagnosed 2012



2

Transmitter

Glucose data is sent via *Bluetooth®* technology to your t:slim X2 pump† and compatible smart device.‡

* CGM sold separately. If your glucose alerts and readings from the Dexcom G6 do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions.



Reliable data

Dexcom G6 CGM provides exceptional accuracy¹ for optimized insulin delivery.



Data sharing

CGM data can also be sent to a smart device for sharing.[^]



Auto-applicator

An easy-to-use sensor applicator with one button insertion.



10-day sensor wear

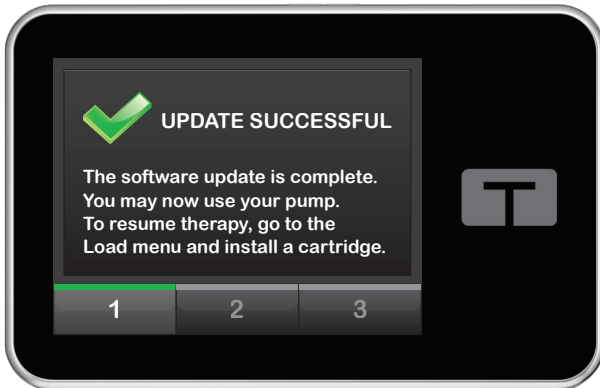
Three days longer than any other integrated CGM system.¹

Features you would expect in a modern insulin pump

Remote software updates

Diabetes technology evolves at a rapid pace. Our remote software updates provide eligible t:slim X2 insulin pump users access to future features without having to purchase a new device.**

Alexander
diagnosed 2004





Predictive technologies

Control-IQ technology helps protect from high and lows while Basal-IQ technology helps protect from lows.



Small size

Up to 38% smaller than other leading insulin pumps** that also hold 300 units of insulin.



Colour touchscreen

The t:slim X2 insulin pump, with its sleek screen, is easy to read, simple to learn, and intuitive to use.



Durable housing

The pump has a light, ultra-strong case and shatter-resistant glass. Plus, it is watertight.**



Rechargeable battery

No more disposable batteries. Charge the pump battery using a micro-USB port.



Feature lock

When activated on the t:slim X2 insulin pump, it can prevent unintentional interactions.



Control-IQ technology

HELPS PROTECT FROM HIGHS AND LOWS

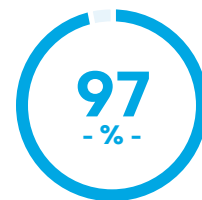
Trying to keep your blood sugar in range can be stressful. Our advanced hybrid closed-loop system makes it easier by using Dexcom G6 CGM values to predict glucose levels 30 minutes ahead. This powerful algorithm can decrease or stop basal insulin delivery to help prevent lows. Or it can increase insulin delivery and deliver automatic correction boluses to help avoid highs.^{§§}

^{§§} Users must still bolus for meals and actively manage their diabetes. For more information on automatic correction boluses, see back cover. ^{^^} As measured by CGM.



More time in range^^

Average additional time in range per day for study participants who used Control-IQ technology.*








Said it is easy to use

Percent of study participants who used Control-IQ technology and said it was easy to use.⁵

How the system works

Olive
diagnosed 2014

Control-IQ technology can predict glucose levels up to 30 minutes in advance and automatically adjust dosing. Easy-to-follow status icons (below) show whether insulin delivery is increasing, decreasing, or stopping.

10.0		Delivers an automatic correction bolus If sensor glucose is predicted to be above 10.0 mmol/L ^{§§}
8.9		Increases basal insulin delivery If sensor glucose is predicted to be above 8.9 mmol/L
6.25		Maintains active Personal Profile settings
3.9 mmol/L		Decreases basal insulin delivery If sensor glucose is predicted to be below 6.25 mmol/L
		Stops basal insulin delivery If sensor glucose is predicted to be below 3.9 mmol/L

§§ Users must still bolus for meals and actively manage their diabetes.
For more information on automatic correction boluses, see back cover.



Emily
diagnosed 1988



Exercise Activity

Uses a higher and narrower range of treatment values to help guard against lows.



Sleep Activity

Users can program two different Sleep Schedules to accommodate for different sleep habits.



Correction bolus

Delivers automatic correction boluses (up to one an hour) to help prevent hyperglycemia.^{§§}

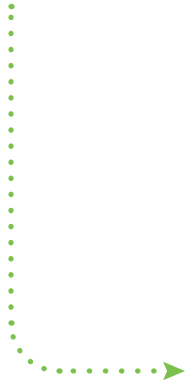


Personalized settings

You can create up to six Personal Profiles, with up to 16 different time segments in each.

Don't just take our word for it!

See what people are saying about the t:slim X2 insulin pump and how it has had a positively different impact on their diabetes management.



I can better fit my diabetes care into the lifestyle I've always wanted to live . . . **I'm spending more time in range**, the way that I need to be.

Dakota



I'm able to simplify my life so that way **I'm not consumed on the numbers** and it's helping me throughout the day.

Tiffany



It was the first time since I was 16, 35 years ago, that I felt normal and **in control**.

Gerri





I chose the AutoSoft XC infusion set because of its small footprint, multiple placement options, the insertion process is essentially pain-free, and it gives me the **freedom to connect or disconnect** whenever I need to.

Melody

Terance

diagnosed 2008



My favorite thing is hanging out with my friends. **The pump makes life easy.**

Peter



My favorite thing about Control-IQ technology is that **every time I bolus, it automatically fills in my blood sugar for me.**

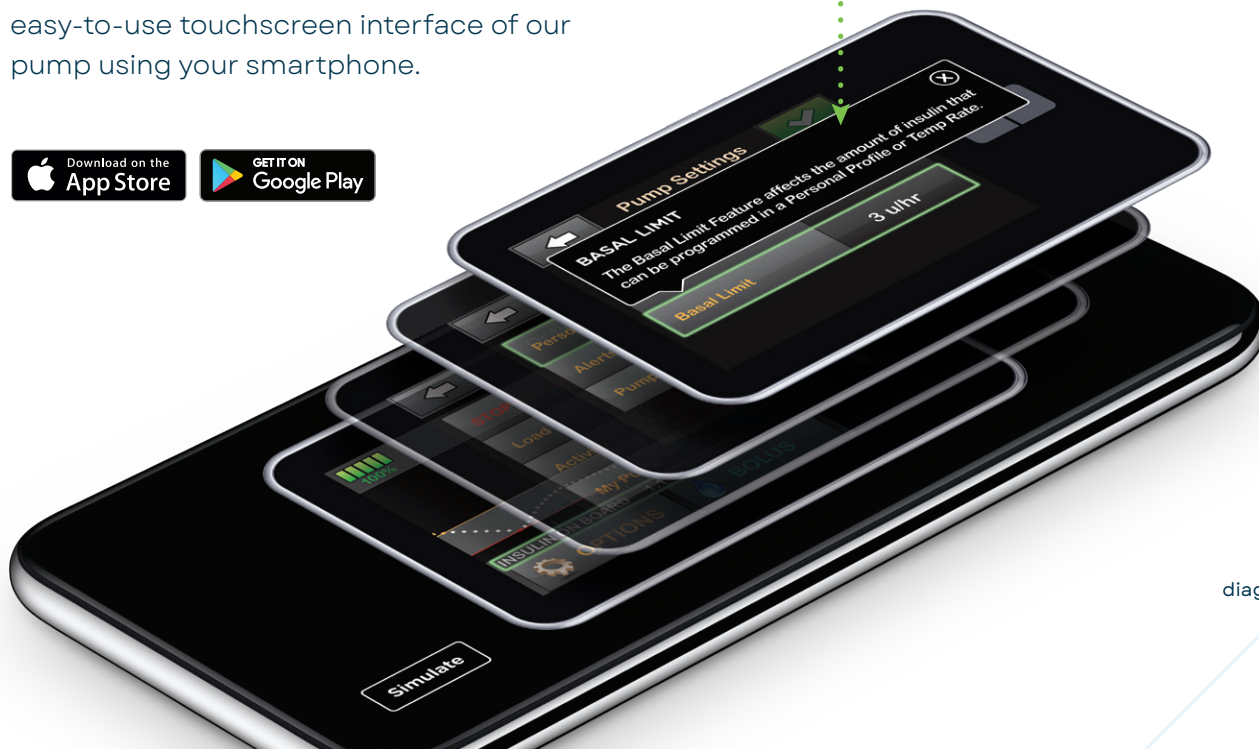
Emma



NOW IT'S YOUR TURN

Download the virtual pump demo

The t:simulator app lets you experience the easy-to-use touchscreen interface of our pump using your smartphone.



Help at Your Fingertips

With Tool Tips enabled, many of the key pump features are highlighted and explained to help you get started.

Iliani
diagnosed 2001



Join the Tandem family

When you purchase a pump from us, we take care of you like family.



Insurance verification

We'll help you through the verification process and make it as simple for you as possible.



Local support

Assistance is available from a Tandem representative and clinical diabetes educator in your area.



Expert training

We offer personalized education, training, and troubleshooting for all Tandem products.



Customer support

Based in North America, our No. 1-rated support team is available 24 hours a day, 365 days a year.*



It's easy to get started

We will work with you and your healthcare provider to determine coverage. To begin, simply visit: tandemdiabetes.com/getstarted

2

Insurance information

Send the completed form(s) and a copy of your insurance card (front and back) via mail or fax.

1

Complete form(s)

Fill out the online form or the enclosed Patient Information Form.

3

Verification

A Tandem representative will contact you within two business days to confirm your information.

David

diagnosed 2008



Technical specification highlights

Physical Characteristics	
Weight	112 grams (with full 300-unit cartridge)
Insulin	≤300 units (Humalog, NovoRapid, Admelog)
Safety Features	
Alerts	Adjustable volume, visual, vibratory
Alarms/Reminders	High BG (blood glucose), Low BG, After Bolus BG, Missed Meal Bolus, Infusion Set Change
Insulin Delivery	
Available Algorithms	Control-IQ technology or Basal-IQ technology
Personal Profiles	Six customizable profiles
Timed Settings	16 timed settings per Personal Profile

Insulin Duration***	Two to eight hours in one-minute increments
Adjustable Settings	Basal Rate, Correction Factor, Insulin-to-Carb Ratio, Target Blood Glucose
Bolus Calculator	Integrated calculator with numeric keypad
Bolus Increments	0.01 units (at volumes >0.05 u)
Correction Factor	1:1 to 1:33.3 mmol/L (0.1 mmol/L increments)
Insulin-to-Carb Ratio	1:1 to 1:300 grams (at 0.1 increments <10 g)
Maximum Bolus Size	25 units (option for an additional 25 u)
Basal Rate Increments	0.001 units (at rates >0.1 units/hr)
Min/Max Basal Rate	0.1 - 15 units/hour
Extended Bolus***	15 minutes to eight hours

Responsible Use of Basal-IQ and Control-IQ Technologies

Systems like the t:slim X2 insulin pump with Basal-IQ technology and the t:slim X2 insulin pump with Control-IQ technology are not substitutes for active diabetes management. For example, users still must bolus for meals. Basal-IQ technology is designed to predict and help prevent lows, but it cannot prevent all lows and Basal-IQ technology does not predict high glucose events. Control-IQ technology is designed to predict and help prevent low and high glucose events, but it cannot prevent all highs and lows, and Control-IQ requires that users accurately input information, such as meals and periods of sleep or exercise. The Basal-IQ and Control-IQ features rely on continuous CGM readings and will not be able to predict glucose levels and adjust insulin dosing if your CGM is not working properly or is unable to communicate with your pump. Be sure to always use your pump, cartridges, CGM, and infusion sets as instructed and check them regularly to make sure they are working properly. Always pay attention to your symptoms, actively monitor your glucose levels, and treat according to your healthcare provider's recommendations.



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Diabetes Care

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* CGM sold separately. No routine fingersticks required when using the t:slim X2 pump with Dexcom G6 continuous glucose monitoring (CGM) integration. If glucose alerts and CGM readings do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions. † The Dexcom G6 sensor and transmitter are water-resistant and may be submerged under eight feet of water for up to 24 hours without failure when properly installed. ‡ Transmitter can only be paired with one medical device (either a Dexcom receiver or t:slim X2 pump) and one consumer device (phone or tablet) at the same time. § Internet connectivity required for data sharing. To view a list of compatible devices, visit www.dexcom.com/compatibility. ^ Following your shared data requires the Dexcom Follow app. Internet connectivity required for data sharing. Followers should always confirm readings on the Dexcom G6 app or receiver (t:slim X2 pump) before making treatment decisions. ** Additional feature updates are not currently available for the t:slim X2 insulin pump with Control-IQ technology and are subject to Health Canada approvals. Additional training may be required to access certain future software updates. Software updates are only available to customers who are in warranty at the time they update their pump. Charges may apply. Future updates for all or some of Tandem's products may not be developed and may not be offered everywhere. Tandem may discontinue select software and features over time at its discretion. †† 38% smaller than MiniMed 770G and 780G. Data on file, Tandem Diabetes Care. ‡‡ Tested to 3 feet for 30 minutes (IPX7 rating). §§ 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. ^^ As measured by CGM. *** Insulin duration defaults to 5 hours when Control-IQ technology is turned on. ††† Extended Bolus duration cannot be longer than 2 hours when Control-IQ technology is turned on.

References

1. Dexcom G6 CGM System User Guide, 2020. 2. Bode BW, Sabbah HT, Gross TM. Diabetes management in the new millennium using insulin pump therapy. *Diabet Metab Res Rev*. 2002;18(S1):S14-S20. 3. Hoogma RPLM, Hammond PJ, Gomis R, et al. Comparison of the effects of continuous subcutaneous insulin infusion (CSII) and NPH-based multiple daily insulin injections (MDI) on glycaemic control and quality of life: results of the 5-nations trial. *Diabet Med*. 2005;23(2):141-147. 4. Brown SA, Kovatchev BP, Raghinaru D, et al. Six-month randomized, multicenter trial of closed-loop control in type 1 diabetes. *N Engl J Med*. 2019;381(18):1707-1717. 5. Brown, S. Clinical acceptance of the artificial pancreas: Glycemia outcomes from a 6-month multicenter RCT. 2019 ADA 79th Scientific Sessions, San Francisco, CA. 6. dQ&A USA Diabetes Connection Surveys, 2013-2021.

Important Safety Information

The pump and each System below is indicated for use in individuals six years of age and greater. The pump and each System is intended for single user use. The pump and each System is indicated for use with NovoRapid, Admelog (Canada only), or Humalog U-100 insulin.

The t:slim X2 insulin pump with Basal-IQ technology (the Basal-IQ System) consists of the t:slim X2 insulin

pump, which contains Basal-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 Basal-IQ System. When used with a compatible CGM, the t:slim X2 insulin pump with Basal-IQ technology can be used to suspend insulin delivery based on CGM sensor readings.

The t:slim X2 insulin pump with Control-IQ technology (the Control-IQ 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 Control-IQ System. When used with a compatible CGM, the t:slim X2 insulin pump with Control-IQ technology can be used to automatically increase, decrease, and suspend delivery of basal insulin based on CGM sensor readings and predicted glucose values. The t:slim X2 insulin pump with Control-IQ technology can also deliver correction boluses when the glucose value is predicted to exceed a predefined threshold. The t:slim X2 insulin pump with Control-IQ technology is intended for the management of Type 1 diabetes.

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.

Do not use the t:slim X2 insulin pump with Control-IQ technology if using hydroxyurea. Neither System is indicated for use in pregnant women, people on dialysis, or critically ill users. Users of the pump and either 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. 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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