



a Dexcom company



T:SLIM X2™ INSULIN PUMP

Let Tandem Do The
Thinking For You

ALWAYS READ THE LABEL AND FOLLOW THE DIRECTIONS FOR USE. Read the warnings available on nzmsdiabetes.co.nz/resources before purchasing. Consult your healthcare professional to see which product is right for you.

t:slim X2 Insulin Pump WITH Control-IQ TECHNOLOGY

For individuals six years of age and up, the t:slim X2™ insulin pump can be used as a stand-alone pump, or can be integrated with the **Dexcom G7 continuous glucose monitoring (CGM)*** system to activate the predictive insulin delivery technology - Control-IQ™.

AUTOMATED PUMP FOR EASIER CONTROL

- E** **Easy to use** system & interface, designed with you in mind
- A** **Automated insulin delivery**, with real-time CGM integration
- S** **Small design**, discreet underneath clothing
- I** **Intuitive**, peace of mind by your side with less time in low†
- E** **Efficient adjustments**, for personalised care
- R** **Results**, providing increased time in range^{1,2}



Features



Automatically **predicts and prevents** highs and lows to increase time in range^{†,3}



Automatic correction boluses



97% of users found Control-IQ **easy to use**¹



Optional use of dedicated activity settings **improving time in range**

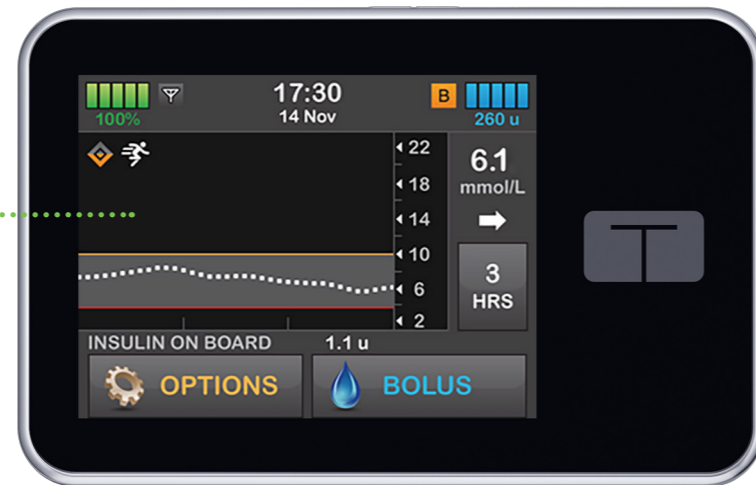
*The Dexcom G7 CGM wearable transmitter can only be paired with one medical device (either a Dexcom Receiver or t:slim X2 insulin pump) and one compatible smart device (phone or tablet) at the same time. For a list of compatible devices, please visit dexcom.com/compatibility. Internet connectivity is required for Dexcom Share; † As measured by Dexcom CGM (sold separately). Control-IQ technology is not a substitute for active self-management of your diabetes. References: 1. Brown, S. Clinical acceptance of the artificial pancreas: Glycaemia outcomes from a 6-month multicenter RCT. 2019 ADA 79th Scientific Sessions, San Francisco, CA; 2. Forlenza GP, Li Z, Buckingham BA, Pinsky JE, et al. Predictive low-glucose suspend reduces hypoglycaemia in adults, adolescents, and children with type 1 diabetes in an at-home randomized crossover study: Results of the PROLOG trial. Diabetes Care. 2018;41(10):2155-2161. doi:10.2337/dci18-0771; 3. Brown SA, Kovatchev BP, Raghinaru D, et al. Six-month randomised, multicenter trial of closed-loop control in type 1 diabetes. N Engl J Med. 2019;381(18):1707-1717; 4. Tandem Patient Annual Satisfaction Survey Oct. 2021

How do insulin pumps work?

Insulin pumps deliver only one type of insulin. Using your personal settings, the insulin is delivered both continuously (basal) and in larger doses for meals (bolus).

Touchscreen

Insulin delivery is personalised using a simple touchscreen.



Infusion site

The tubing is attached to an adhesive patch, which holds a short, fine tube (cannula) under the skin. This infusion site is changed every two to three days and there are various options available for you to choose from.



Tubing

The insulin flows through thin, flexible tubing, available in a variety of lengths.

SIMPLE BOLUS DOSING

The t:slim X2 insulin pump allows you to deliver your meal-time insulin, also called a bolus, using an integrated bolus calculator with carb-adding capabilities.

SIMPLE BASAL DOSING

You can personalise your t:slim X2 insulin pump to deliver a steady amount of insulin (basal delivery at varied rates) to meet your changing needs throughout the day and night.



Control-IQ technology

Trying to keep your glucose levels in range can be stressful and time consuming.

The **Control-IQ advanced hybrid closed-loop technology** makes it easier by using Dexcom G7 CGM values to predict glucose levels 30 minutes ahead and automatically adjusting insulin to help increase time in range.¹

ACTIVITY SETTINGS

Dedicated Sleep (🌙) and Exercise (🏃) Activity settings for more targeted control.

AUTOMATIC CORRECTION BOLUS*

Up to one per hour if necessary for added protection.

PREDICTIVE TECHNOLOGY

Designed to help prevent highs and lows, to help increase time in range² (3.9-10 mmol/L).



*Users must still bolus for meals and actively manage. Reference: 1. Forlenza GP, Li Z, Buckingham BA, Pinsker JE, et al. Predictive low-glucose suspend reduces hypoglycaemia in adults, adolescents, and children with type 1 diabetes in an at-home randomized crossover study: Results of the PROLOG trial. Diabetes Care. 2018;41(10):2155-2161. doi:10.2337/dc18-077; 2. Brown, S. Clinical acceptance of the artificial pancreas: Glycemia outcomes from a 6-month multicenter RCT. 2019 ADA 79th Scientific Sessions, San Francisco, CA;

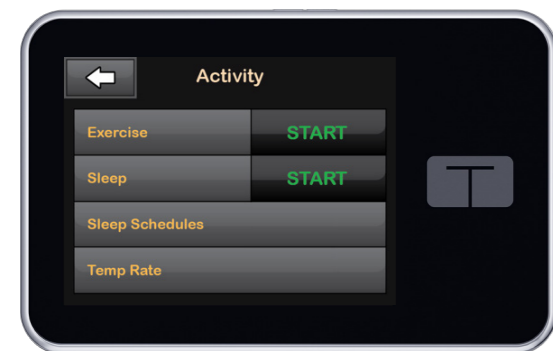


Dedicated sleep & exercise activities to let you get on with your life

ACTIVITY SETTINGS

Control-IQ technology includes optional settings for Sleep and Exercise that adjust range of treatment values for more control

No need to stop an active Activity before switching to a different Activity



Sleep activity

- 1 The Sleep Activity is designed to help you wake up to a glucose of 6.25 - 6.7 mmol/L
- 2
 - ✓ Control is made easier with the option to set up two sleep schedules
 - ✓ Automatically turns on and off
 - ✓ Useful for shift work or weekend versus weekday activities

Exercise activity

- 1 Exercise Activity adjusts insulin delivery based on different treatment values 7.8-8.9 mmol/L to accommodate the effects of physical activity
- 2 It can complement activities that lower or increase blood glucose by adjusting treatment values, while also still being able to receive automatic corrections
- 3 You can set a time duration for Exercise Activity (from 30 minutes to eight hours)



Modern features

The t:slim X2 pump has a slim, sleek design matched with a host of features that you would expect in a modern device:



CONTROL-IQ TECHNOLOGY

Insulin delivered based on the Dexcom G7 CGM glucose level predicted in 30 minutes to help reduce the frequency of both high and low glucose excursions[†]



DEXCOM G7 CGM INTEGRATION

Compatible with Dexcom G7 CGM* requiring **ZERO fingerpricks**[†]

[†] If your glucose alerts and readings from Dexcom G7 do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions



RECHARGEABLE BATTERY

Convenient charging via micro-USB port. This means there is no need to purchase batteries reducing landfill



COLOUR SCREEN & INTUITIVE DESIGN

The t:slim X2 pump was designed with you in mind, to be user-friendly, with an easy-to-read, easy-to-use interface



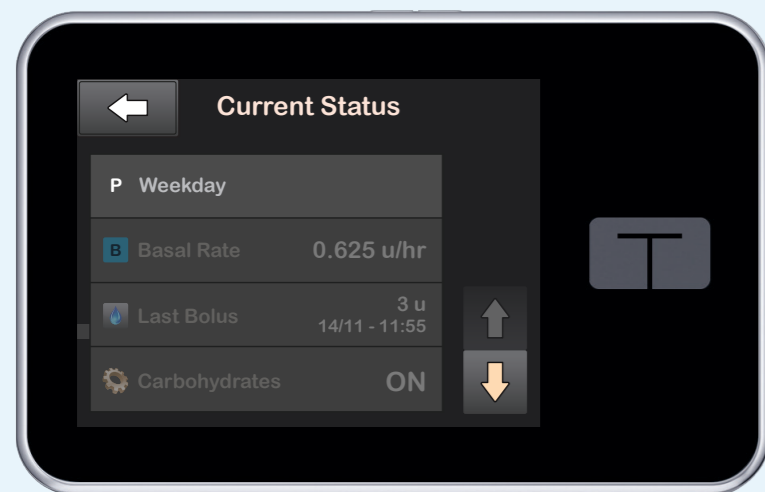
UPDATED SOFTWARE TECHNOLOGY

Diabetes evolves at a rapid pace, and the Tandem t:slim X2 pump gives you access to future device features and predictive technology without having to purchase new hardware

* Dexcom G7 CGM sold separately. Additional feature updates are subject to future regulatory approvals. Charges may apply. Reference: 1. Forlenza GP, Li Z, Buckingham BA, Pinsker JE, et al. Predictive low-glucose suspend reduces hypoglycaemia in adults, adolescents, and children with type 1 diabetes in an at-home randomized crossover study: Results of the PROLOG trial. Diabetes Care. 2018;41(10):2155-2161. doi:10.2337/dc18-0771.

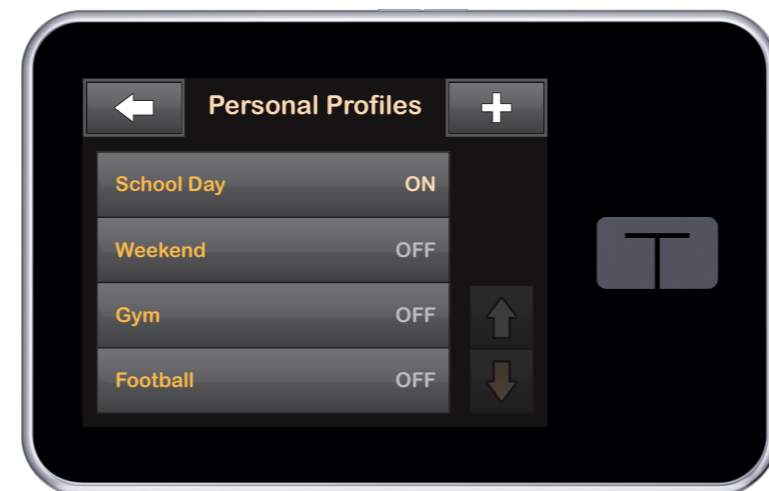
Easy to analyse

The t:slim X2 insulin pump's on-screen history makes it simple to manage and track your diabetes. Easily view your complete insulin delivery history, glucose entries and past alerts or alarms.



Easy to personalise

You can create up to 6 different Personal Profiles, and within each profile, you have up to 16 different time segments that allow you to input individual basal rates, insulin-to-carb ratios, and correction factors.



Summary of benefits

Find the best fit for your lifestyle and diabetes management needs.

t:slim X2 pump with Control-IQ technology

Predicts and prevents lows to increase time in range ¹	✓
Predicts and helps prevent highs to increase time in range ¹	✓
Sleep and Exercise Activity settings	✓
Compatibility with Dexcom G7 and Dexcom G6 CGM	✓
Remote software updates	✓
Colour touchscreen	✓
Ultra-strong, watertight aluminium enclosure	✓
Rechargeable battery	✓
Programmable high and low alerts	✓
Six unique Personal Profiles	✓



DOWNLOAD A VIRTUAL DEMO

The t:simulator™ demo app lets you test drive the easy to use touchscreen interface of the t:slim X2 insulin pump using your mobile device.*

iPhone ✓

Android ✓



*This application is for demonstration purposes only and is not identical to the functionality of the t:slim X2 insulin pump. It should not be used for therapy decisions. Reference: 1. Brown SA, et al. N Engl J Med. 2019;381(18):1707-1717

How does Control-IQ technology work with CGM?

Control-IQ technology predicts glucose values 30 minutes ahead, based on Dexcom G7 CGM readings, and can decrease or stop basal insulin delivery to help prevent lows. It can increase basal insulin delivery and deliver auto corrections up to once per hour to help avoid highs.

EXAMPLES OF READINGS



10.0 mmol/L



Delivers an automatic correction bolus if sensor glucose is predicted to be above 10 mmol/L

8.9 mmol/L



Increases basal insulin delivery if sensor glucose is predicted to be above 8.9 mmol/L

6.25 mmol/L



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

CLINICAL STUDY RESULTS



Average additional time in range per day for those who used Control-IQ technology.¹



97% of those who used Control-IQ technology **said it was easy to use.**²

References: 1. Forlenza GP, Li Z, Buckingham BA, Pinsky JE, et al. Predictive low-glucose suspend reduces hypoglycaemia in adults, adolescents, and children with type 1 diabetes in an at-home randomized crossover study: Results of the PROLOG trial. *Diabetes Care*. 2018;41(10):2155-2161. doi:10.2337/dc18-0771; 2. Brown, S. Clinical acceptance of the artificial pancreas: Glycemia outcomes from a 6-month multicenter RCT. 2019 ADA 79th Scientific Sessions, San Francisco, CA

ZERO fingerpricks* with Dexcom G7 CGM[§]

With Dexcom G7 CGM integration, Control-IQ technology on the t:slim X2 insulin pump requires ZERO fingerpricks.*

*If your glucose alerts and readings from Dexcom G7 do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions.



10-day sensor wear

Longer-life sensor means more time to focus on what matters to you



Simple set up

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



Share your glucose data

CGM data can also be sent to a remote smart device for sharing with friends, family, and caregivers.† This feature also allows you to share your data with up to 10 followers, giving you the circle of support you need‡



How Dexcom G7 CGM works

CGM provides real-time glucose readings throughout the day and night, notifying you of highs and lows.



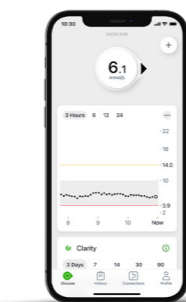
Applicator

A one-touch applicator used to place the wearable on the back of the upper arm or the abdomen (age 2 years and older) or the upper buttocks (ages 2-6 years)¹.



Sensor

All-in-one discreet, waterproof¹ sensor located just underneath your skin measures your glucose levels.



Display Device

A compatible smart device[#] that displays real-time glucose information sent wirelessly from the wearable.

¹Following your shared data requires the Dexcom Follow app. Internet connectivity required for data sharing; [†]Do not make treatment decisions based upon Share and Follow readings. Always confirm with your compatible smart device, t:slim X2 insulin pump or Receiver; [§]Dexcom G7 CGM sold separately; ^{*}The Dexcom G7 Sensor is waterproof and may be submerged under eight feet of water for up to 24 hours without failure when properly installed. The receiver is not waterproof nor water-resistant. [#]Smart device is not included with Dexcom G7 CGM system. For a list of compatible devices, please visit dexcom.com/compatibility. 1. See Dexcom G7 user guide for more information.

Our most accurate CGM¹ now connects to the Tandem t:slim X2™ insulin pump



Smart device sold separately.¹¹

DEXCOM G7

- ✓ **Our fastest CGM to warm up means more time in a closed loop[#]**
Warms up 2x faster than any other CGM[‡] – in only 30 minutes before you can see glucose levels
- ✓ **All-in-one wearable**
60% smaller, all-in-one, discreet wearable with one-touch application^{#2}
- ✓ **Customisable and predictive alerts**
A refined suite of alert settings including Urgent Low Soon Alert as well as our new Quiet or Vibrate modes for added discretion and personalisation



- ✓ **More time in range**
Dexcom users experience over 2.6 hours more time in range per day³
- ✓ **Predictive alerts**
Control-IQ technology uses Dexcom G7 glucose values to predict and help prevent highs and lows
- ✓ **Custom settings**
Create up to 6 Personal Profiles based on insulin needs
- ✓ **Multiple display options**
For added customisation, you can view your glucose data on either the t:slim X2 insulin pump and/or your compatible smart device¹¹

¹¹Smart device sold separately. To view a list of compatible devices, visit dexcom.com/compatibility.
[#]Compared to Dexcom G6.
[‡]Dexcom G7 can complete warmup within 30 minutes, whereas other CGM brands require up to an hour or longer. Users should always confirm readings on the Dexcom G7 app or receiver before making treatment decisions. Reference 1. Welsh JB, et al. Comparisons of Fifth-, Sixth-, and Seventh-Generation Continuous Glucose Monitoring Systems. 2. Dexcom G7 User Guide. 3. Brown SA, et al. N Engl J Med. 2019;381(18):1707-1717.

NZMS Diabetes supporting you on your journey



24/7 technical support

Our 24/7 Technical Support Team is always available.



Local support

Assistance is available from an NZMS Diabetes representative in your area.



Expert training

Even though our products are simple to learn and simple to use, we offer personal pump training to every new customer.



Online resources

Resources for all our products are readily available online at nzmsdiabetes.co.nz



4-year warranty

If you need a replacement pump, we will have one dispatched within 1 business day.



Shopping online

At your convenience, shop accessories online at nzmsdiabetes.co.nz

Orders can be delivered to your door within 1-2 business days after dispatch.*

*For most metropolitan areas;



Get started today

For more information on how to get started, please visit our website today.



Dexcom CGM sold separately*

Responsible use of Control-IQ technologies

Systems like the t:slim X2 insulin pump with Control-IQ technology are not substitutes for active diabetes management. For example, users must still bolus for meals. 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 Control-IQ features rely on constant 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 professional's recommendations.

PHYSICAL CHARACTERISTICS

Weight 112 grams (with full 300-unit cartridge)

Insulin <300 units for use with U-100 fast-acting insulin.* Minimum 95u

SAFETY FEATURES

Alarms Adjustable volume, visual, vibratory

Alerts/Reminders High BG (blood glucose), low BG, after bolus BG, missed meal bolus, infusion set change

INSULIN DELIVERY

Personal profiles 6 customisable profiles

Timed settings 16 timed settings per Personal Profile

Adjustable settings Basal Rate, Correction Factor, Carb Ratio

Correction target 6.1 mmol/L for Control IQ

Insulin duration 5 hours for Control-IQ

Bolus calculator Integrated calculator with numeric keypad

Bolus increments 0.01 units (at volumes greater than 0.05 units)

Correction factor 1:0.1 to 1:33.3 mmol/L (0.1 mmol/L increments)

Insulin-to-carb ratio 1:1 to 1:300 grams (0.1 increments below 10 grams)

Maximum bolus size 25 units (with an option for an additional 25 units)

Basal rate increments 0.001 units at programmed rates ≥ 0.1 units/hour

*The device is indicated for use with U-100 fast-acting insulin, consult your healthcare professional to see which product is right for you.





Let Tandem do the thinking for you.

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