

# Medtronic

MiniMed™ 780G insulin pump system ⓘ

The **only** available system<sup>^</sup>  
that automatically adjusts  
& corrects **every 5 minutes**  
so you don't have to

Includes Meal Detection Technology



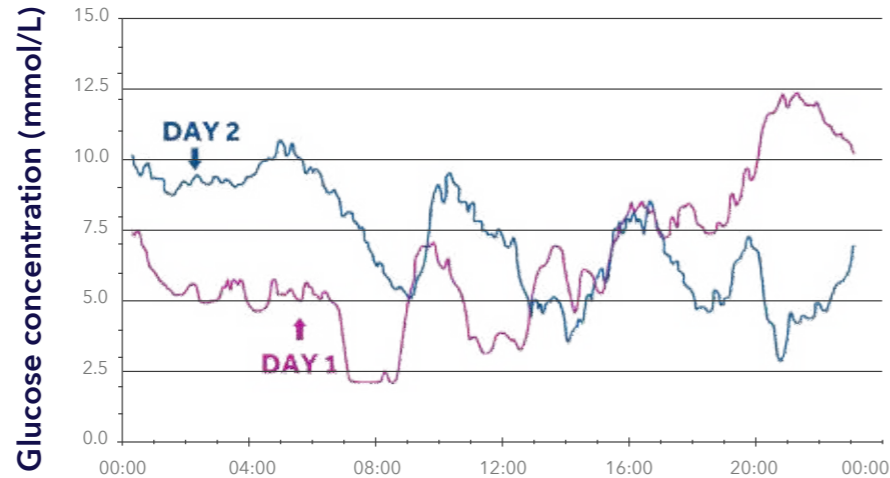
<sup>^</sup>Components sold separately.

\*If sensor glucose (SG) values do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions. Refer to System User Guide.

# No two days are the same. Our insulin delivery isn't either.

42

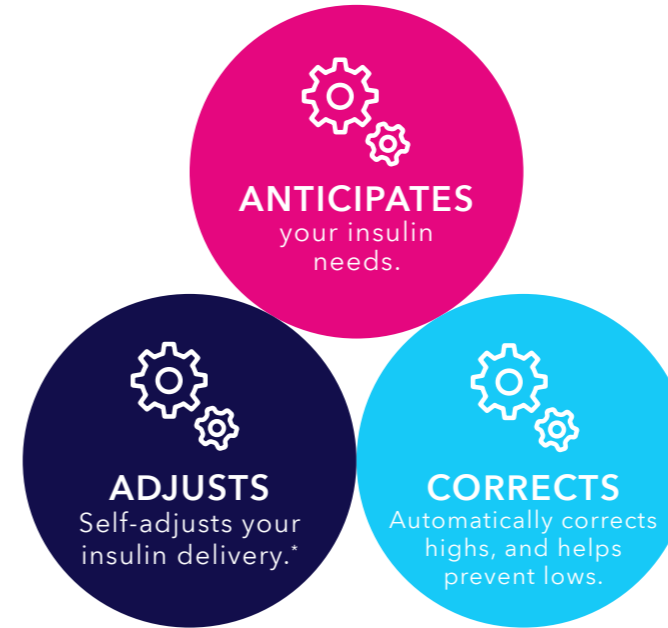
factors may affect  
your blood glucose  
levels.<sup>1</sup>



1. Brown A. Diatribe.org. <https://diatribe.org>. Accessed June 5, 2018.

SMARTGUARD™ TECHNOLOGY HELPS PREVENT HIGHS AND LOWS

# Self-adjusts up to 288 times per day\*



\*Refers to SmartGuard™ feature. Some user interaction required. Individual results may vary. Components sold separately.  
• vs previous therapy. Medtronic data on file. Pivotal Trial (Age 14-75). N=157. 2020; 16 US sites available from 1800 777 808.



72%

less effort to keep  
**high** blood glucose  
from happening.\*

70%

less effort to keep  
**low** blood glucose  
from happening.\*

SETTING YOUR GOALS

# Choose your targets

Set glucose level targets to suit you.

SELECT YOUR TARGET:

5.5 mmol/L

6.1 mmol/L

OR

6.7 mmol/L



HELPING TO KEEP YOU IN RANGE

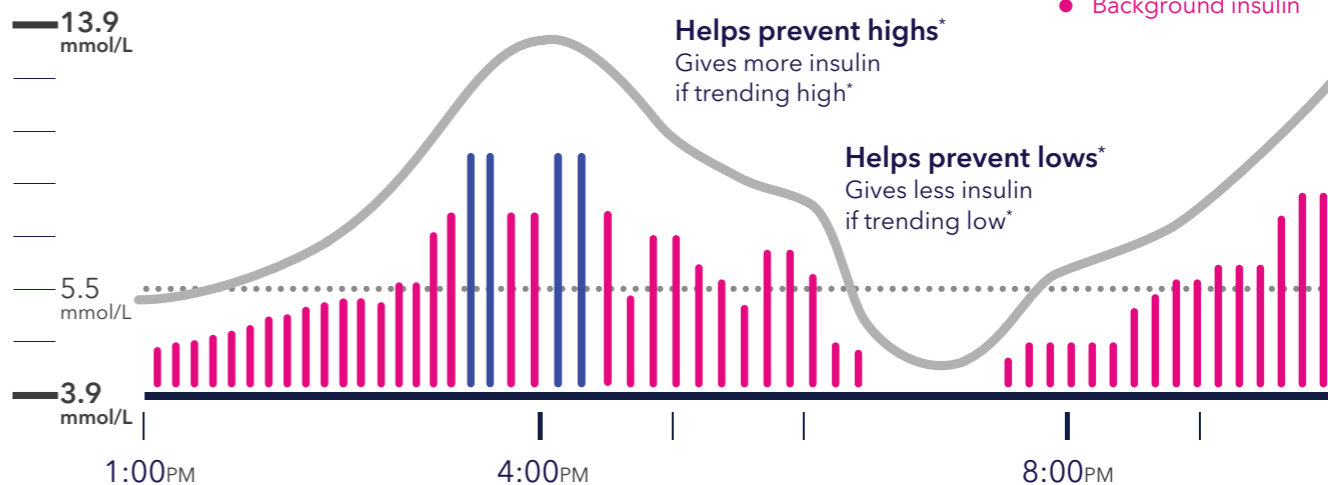
# Automatically anticipate adjust & correct insulin\*

Flexible Basal targets

Auto corrections

Automatically corrects highs every 5 minutes, as needed

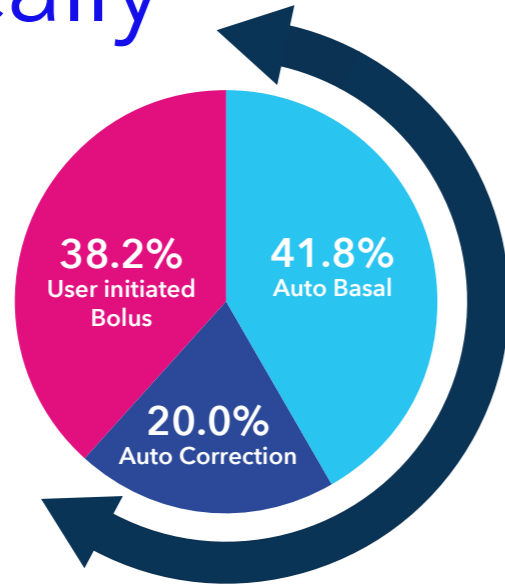
- Glucose levels mg/dL
- Auto correction bolus
- Background insulin



\*Refers to SmartGuard™ feature. Some user interaction required. Individual results may vary. Components sold separately.

MORE TIME IN RANGE<sup>1</sup>

# 62% of insulin delivered automatically



TOTAL DAILY INSULIN DELIVERY<sup>2</sup>

DID YOU KNOW

People with T1D underestimate the carb values 63% of the time<sup>3</sup>

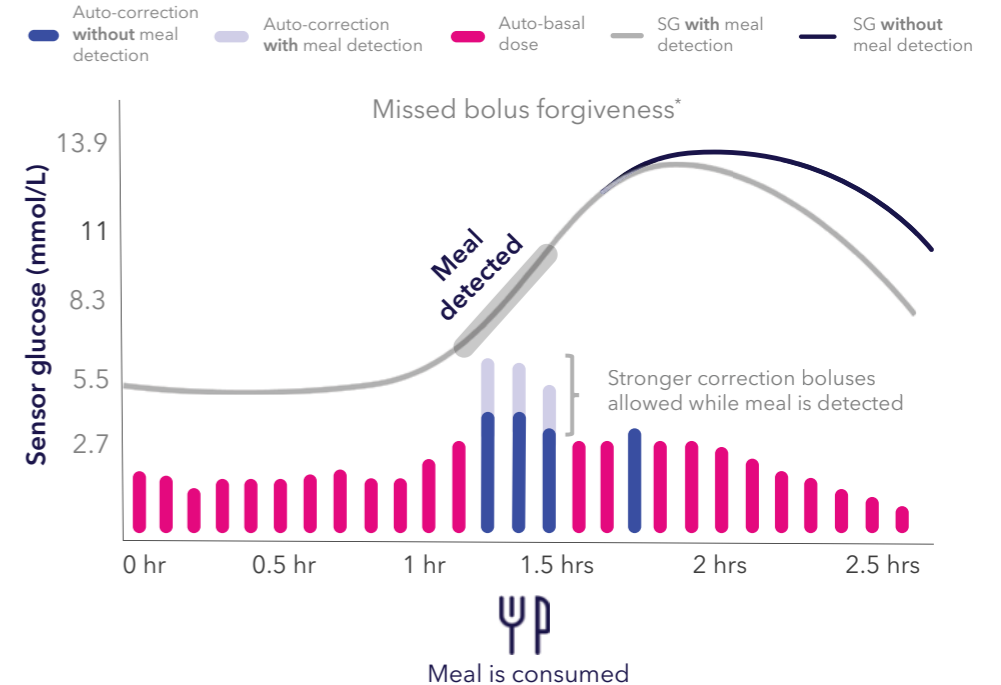
1. vs MiniMed 670G system. 2. ADAPT Choudhary et al Lancet Diabetes Endocrinol 2022 published online 1 Sept 2022; [https://doi.org/10.1016/S2213-8587\(22\)00212-1](https://doi.org/10.1016/S2213-8587(22)00212-1). 3. Brazeau AS, et al. Carbohydrate Counting Accuracy and Blood Glucose Variability in Adults With Type 1 Diabetes. Diabetes Res Clin Pract. 2013;99(1):19-23.

THE ONLY SYSTEM AVAILABLE WITH

# 5-star meal detection

MiniMed 780G uses current and past sensor glucose trends to detect a missed meal bolus.\*

If the system detects a meal based on your sensor glucose rising rate of change, it can automatically deliver stronger correction doses, while SG values are rising, up to every 5 minutes, to help bring you safely back to range.



\*Taking a bolus 15 - 20 min before a meal provides significant improvement in post meal control. We recommend taking a meal bolus. Refers to auto correct, which provides bolus assistance. Can deliver all correction doses automatically without user interaction, feature can be turned on and off. Refers to SmartGuard™ feature. Individual results may vary. Components sold separately.

# Improved Guardian™ 4 sensor

No calibrations with SmartGuard™ automation\*

Significant increase in patient satisfaction\* vs. Guardian Sensor 3<sup>2</sup>

95% time spent in SmartGuard™ automation<sup>1</sup>

37% decrease in alerts and alarms<sup>1</sup>



\*A blood glucose (BG) reading needed to enter SmartGuard™. Refer to user guide. If sensor glucose (SG) values do not match symptoms or expectations, use a blood glucose meter to make diabetes treatment decisions. Refer to user guide.

1. Pivotal trial participants spend avg of 95% in SmartGuard. â€ comparison of MM670G/MM770G pivotal with MM780G w/G4S CAS (Avg. 12.12 for MM670G and 7.61 for MM780G in a day)

2. R.A.Vigersky et al, Early Glycemic Outcomes of Pediatric and Adult Users of the MiniMed™ 780G System with the Guardian™ 4 Sensor. Poster presented at American Society of Clinical Meeting; May 12-14, 2022; San Diego, CA.\*\*3.3 ± 1.3 vs 4.0± 1.0, p <0.001, n=66.

THE ONLY SYSTEM AVAILABLE THAT SHARES PUMP AND CGM DATA

## Numbers don't lie

Instantly know your real-time glucose levels or swipe to see your Time in Range. Check discreetly with your Apple watch.



Current CGM reading

Insulin delivery

CGM trend over time



### Connect to care

Get notified if you're going high or low.

Share info with up to **5** care partners.

Care partners can follow up to **5** users.

Parents have peace-of-mind that their child is being monitored.

View pump **and** CGM history, removes the urgency to follow-up the child, school or childcare.

### Daily automatic uploads to Carelink software.

Share info with your doctor and healthcare team.

MiniMed™ 780G insulin pump system 8

# Features stacked in your favour



## POWER MADE EASY

Uses one AA  
(1.5V) battery



## VIEW GLUCOSE LEVELS ON YOUR SMARTPHONE

and choose to share your  
real-time diabetes data with  
your care partners.



## OVER 24 HOURS

Real world evidence shows  
robust 24 hour time in range  
78.9% for children <15yrs.\*



## OVERNIGHT

Real world evidence shows  
robust overnight time in range\*  
(3.9-10.0 mmol/L) 82.1%.\*

# SmartGuard™ built-in



## ANTICIPATES

insulin needs.  
Adjusts insulin delivery.



## ADJUSTS

Self-adjusts insulin delivery to your  
needs, up to 288 times per day.\*



## CORRECTS

Automatically corrects highs,  
while helping to prevent lows.



## NO INCREASE IN SEVERE HYPOGLYCAEMIA<sup>1,2</sup>



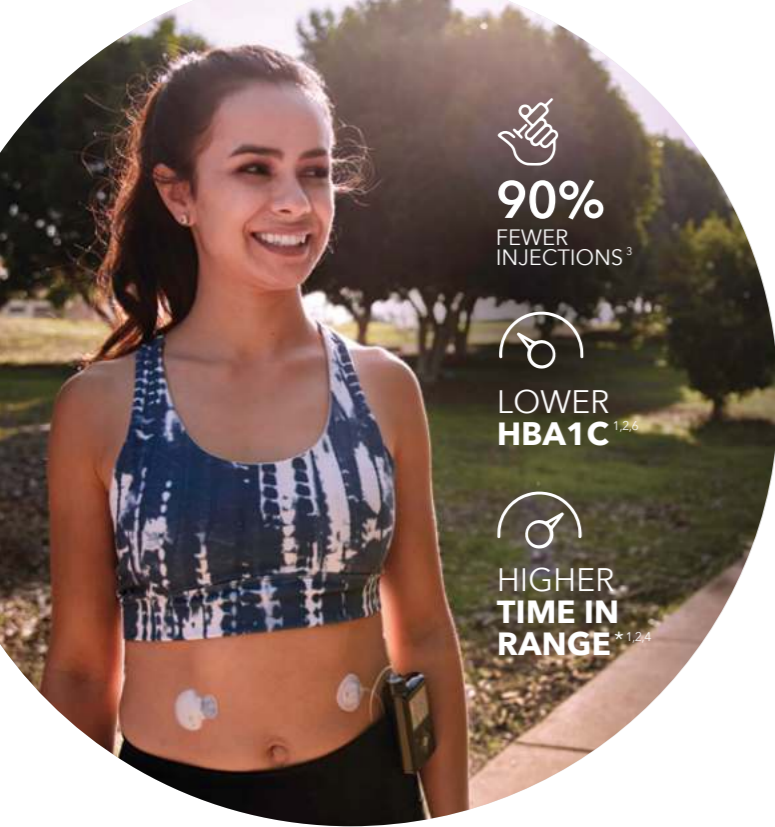
## AUTOCORRECTIONS\* 12 TIMES PER HOUR - DAY AND NIGHT



## MEAL DETECTION TECH helps out when carb counting isn't exact.

\*Medtronic data on file: MiniMed™ 780G data uploaded voluntarily by 12,870 users in EMEA to CareLink™ Personal, from 27 August 2020 to 22 July 2021 available from 1800 777 808.

\* Refers to SmartGuard™ feature. Some user interaction required. Individual results may vary. Components sold separately.  
1. Carlson, A.L. et al. 97-P. Safety and glycaemic outcomes of the MiniMed™ AHCL System in subjects with T1D. 80th ADA International Conference, June 2020, Chicago.  
2. Collyns, O. et al. 199-OR- Improved glycaemic Outcomes with MiniMed™ AHCL Delivery. 80th ADA International Conference, June 2020, Chicago.



**90%**  
FEWER  
INJECTIONS<sup>3</sup>



**LOWER  
HBA1C**<sup>1,2,4</sup>



**HIGHER  
TIME IN  
RANGE**<sup>\*1,2,4</sup>

## What is an insulin pump system?

An insulin pump is a small electronic device, about the size of a smartphone, that can be easily carried on a belt, inside a pocket, or attached to a bra and so virtually invisible to others.

It's attached to your body via a thin tube called an infusion set, through which insulin is delivered. This makes insulin pump therapy very discreet.

When used with a CGM (continuous glucose monitor) it allows you to monitor sensor glucose levels in real time.

An insulin pump replaces the need for multiple injections by delivering rapid acting insulin continuously 24 hours a day. Our most advanced insulin pump system automatically adjusts and corrects insulin levels, for an easier\* way to stabilise your glucose levels.<sup>1,2,5</sup>

## Do I have to be connected 24/7?

The device can be used in many situations (sport, beach, going out) and insulin is simply delivered to your body through a thin tube.

Thanks to smart accessories available today, it can be comfortably worn during school, exercise, formal occasions and everyday life.

Insulin pumps can be easily worn on or under your clothes very securely. The pump can also be detached for activities like swimming, showering and exercise so you can continue to live your life.

## What about overnight?

The insulin pump therapy can be combined with the separately available Guardian 4 sensor to help track in real time your glucose levels. This allows insulin pump therapy to understand your highs and lows and take corrective actions.

The MM780G system can monitor you while you sleep at night. It will adjust automatically making corrective actions to prevent highs and lows. Worry less about overnight hypos. 88% users are satisfied with the impact of the MiniMed™ 780G system on their night sleep quality.<sup>1</sup>

With MiniMed™ 780G system, 71% of clinical study participants report worrying less about lows during sleep.<sup>6</sup>

## Do I get support from Medtronic?

Medtronic is changing the way people manage diabetes by expanding access, integrating care and improving outcomes, so people living with diabetes can enjoy greater freedom and better health. Medtronic does not only create innovative diabetes therapies solutions. With our products you also get access to:

**Personalised onboarding program**  
24/7 support (technical specialists & online resources)

**REGISTER NOW**  
[www.medtronic-diabetes.com.au](http://www.medtronic-diabetes.com.au)

# Questions? Fire away.

1. Carlson, A.L. et al. 97-P- Safety and glycaemic outcomes of the MiniMed™ AHCL System in subjects with T1D. 80th ADA International Conference, June 2020, Chicago. 2. Collins .O. et al. 199-OR- Improved glycaemic Outcomes with MiniMed™ AHCL Delivery. 80th ADA International Conference, June 2020, Chicago. 3. Based on the recommended MiniMed™ Mio™ and MiniMed™ Quick-set™ insulin infusion set change every 2-3 days compared to 4 injections a day for 30 days. 4. J. C. Pickup and A. J. Sutton Severe hypoglycaemia and glycaemic control in Insulin Dependant Diabetes: meta-analysis of multiple daily insulin injections compared with continuous subcutaneous insulin infusion Diabetic Medicine 2008 :25, 765-774. 5. Bergenstal, R. M. et al. Safety of a Hybrid Closed-Loop Insulin Delivery System in Patients With Type 1 Diabetes Jama. 2016; 316 (13): 1407 - 1408. 6. Medtronic data on file. Medtronic pivotal trial (age 14-75) Age 14-75 2020; 16 US sites available at 1800 777 808.

MiniMed™ 780G Insulin Pump System 



**Medtronic**

# 9 out of 10 users satisfied



94%

of the users have **better experience with** the MiniMed™ 780G System compared to the last device used to manage diabetes <sup>1</sup>



94%

of the users are **satisfied** with the impact of the MiniMed™ 780G System on their **glucose level control and quality of life** <sup>1</sup>



95%

of the users consider that it is **easy to learn how to use** the MiniMed™ 780G System <sup>1</sup>



## Infusion set

Allows for continuous and discreet delivery of insulin.

## Continuous Glucose Monitoring (CGM)

Guardian™ Sensor 4 measures glucose levels every 5 minutes, sending data to the pump.

## Smartphone Apps

Get notified of highs and lows with the MiniMed™ Mobile app. Care partners and parents can have instant feedback.

## MiniMed™ 780G insulin pump

The waterproof <sup>1</sup> pump receives 'data' from the pump... to calculate... every 5 mins. CGM to calculate insulin adjustments and corrections.

1. At the time of manufacture and when the reservoir and tubing are properly inserted, your pump is waterproof. It is protected against the effects of being underwater to a depth of up to 2.4 metres for up to 30 minutes. This is classified as IPX8 rating. See user guide for more details. CGM readings may not be transmitted from the CGM to the pump while in water.



# Learn more



## ALWAYS READ THE INSTRUCTIONS FOR USE

For detailed information regarding indications, contraindications, warnings, precautions, and potential adverse effects, please consult the IFU. Always consult a Health Care Professional before making treatment decisions, and to see if this product is suitable for you.

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For detailed information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events, please consult the device manual. For further information, contact your local Medtronic representative. The legal manufacturer of MiniMed<sup>TM</sup> infusion sets is Unomedical a/s, Aaholmvej 1-3, Østed, 4320 Lejre, Denmark. DreaMed Diabetes is a trademark of DreaMed Diabetes, Ltd. The MiniMed<sup>TM</sup> 780G system algorithm includes technology developed by DreaMed Diabetes.

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