



MiniMed[®] 640G System[^]

THE ONLY SYSTEM WITH SMARTGUARD[™] TECHNOLOGY

We know you think a lot about how you can control your glucose levels better. Now, more than ever before we can help you achieve this goal.



《 it thinks 》

it thinks

ABOUT PROTECTION



The MiniMed® 640G with SmartGuard™ technology thinks¹ about your diabetes and helps you achieve better glucose control.

See the comparison chart on the back side of this brochure for more details about the features found in each product.

INSULIN DELIVERY AUTOMATION WITH CGM

SmartGuard™ is our latest innovation that helps optimise glucose management by thinking about how to protect you from dangerous lows. We designed SmartGuard™ technology to optimise² the system's ability to help:

- » **Prevent severe hypoglycaemic episodes** by automatically suspending insulin when a sensor glucose is predicted to approach a pre-set, low limit.³
- » **Better protect against lows** throughout the day and night with multiple pre-set, low-limit actions.
- » **Avoid hyperglycaemic rebound** by resuming insulin delivery when levels recover.⁴

MiniMed® 640G System	YES
Roche Combo	NO
Animas Vibe	NO

PREDICTIVE CONTINUOUS GLUCOSE MONITORING

Our exclusive Enlite sensor and Guardian™ 2 Link Transmitter is the key to our most comfortable⁵ and accurate⁶ Continuous Glucose Monitoring (CGM) technology yet. It continuously thinks about where your glucose levels have been and where they are going. It features:

- » **Full integration** with the MiniMed® 640G system.
- » **Predictive high and low glucose alerts**, so you can react sooner to changes⁵ in your blood glucose levels.
- » **The Guardian™ 2 Link transmitter** contains the SG algorithm, so that users can get access to the latest algorithm by just replacing their transmitter.
- » **The Guardian™ 2 Link transmitter** can hold up to 10 hours of data.

MiniMed® 640G System	YES
Roche Combo	NO
Animas Vibe	LIMITED

FLEXIBLE INSULIN DOSING OPTIONS

MiniMed® 640G has the brainpower to match your insulin intake more closely with your changing glucose control needs. This system offers:

- » **Increments as small as 0.025** for small boluses
- » **8 basal pattern settings** to help ease the burden of regularly adjusting your basal insulin

MiniMed® 640G System	YES
Roche Combo	NO
Animas Vibe	NO

it thinks

ABOUT YOUR DAY



No other device thinks about how to make your day more manageable the way MiniMed® 640G does.

CONVENIENT DOSING OPTIONS

MiniMed® 640G is smart about dosing for meals and corrections with the Bolus Wizard™. Even if you're tired or distracted, you can use the system's built-in features to help you dose more easily.⁷ These features include:

- » **8 Pre-set temporary basal patterns** for quick and easy access prior to undertaking regular activities.
- » **8 Pre-set boluses** for quick access to dose amounts taken before your favourite meals and regular activities.
- » **Remote control bolusing** for discreet and convenient dosing.

MiniMed® 640G System	YES
Roche Combo	LIMITED
Animas Vibe	NO

MEDTRONIC CARELINK® PERSONAL

This online therapy management software delivers intelligent insights that make it easier to track your glucose control. Medtronic CareLink® is:

- » **Web-enabled**, eliminating the need for manual logbooks.
- » **Shared remotely**, allowing your healthcare provider to see your glucose trends without an office visit.
- » **Clinically proven to help lower HbA1c** and improve your glucose control.⁸



Our Commitment to Innovation

For more than 30 years, we've been developing innovative technology solutions for diabetes management, pursuing the goal of developing a true artificial pancreas and beyond.

With its revolutionary features, MiniMed® 640G demonstrates this commitment to innovation — and you.



● YES ○ Limited ○ NO

	MiniMed® 640G	Roche Combo	Animas® Vibe™
BETTER PROTECTION			
Low Glucose Automation Management	● SmartGuard™	○	○
Predictive Alerts	●	○	○
Smallest bolus increment	0.025U	0.050U	0.050U
Integrated CGM	●	○	●
Basal Pattern Settings	8	5	4
BETTER DAY			
Pre-set Boluses	8	0	0
Pre-set temporary basal patterns	8	0	0
Remote Bolusing	●	●	○
Linked Blood Glucose Meter	● CONTOUR NEXT LINK 2.4	●	○
Bolus Calculator	● Bolus Wizard	●	●
Waterproof	● ⁸	●	●
Full Colour Auto-Brightness Screen on Pump	●	○	○ No Auto-Brightness

This chart compares a few, but not all, features found within each system.

Ask your healthcare professional for more information about MiniMed® 640G, the SmartGuard™ system design.



Web: www.medtronic-diabetes.com.au **Email:** australia.diabetes@medtronic.com

Facebook: www.facebook.com/MedtronicDiabetesAUS **Twitter:** @DiabetesANZ **YouTube:** Medtronic Diabetes ANZ
Address: Medtronic Australasia Pty Ltd, 97 Waterloo Road, North Ryde NSW 2113 Australia **Mail:** Medtronic Diabetes, PO Box 945, North Ryde, NSW 1670 **Telephone:** 02 9857 9000 **Facsimilie:** 02 9857 9237 **24-hour Toll Free:** 1800 777 808*

This information is designed to help you learn more about Diabetes therapy. It is intended to provide you with helpful information but is for information purposes only, is not medical advice and should not be used as an alternative to speaking with your doctor. Be sure to discuss questions specific to your health and treatments with a healthcare professional. For more information please speak to your healthcare professional or log on to: www.medtronic-diabetes.com.au

References: ¹Components sold separately. Automated insulin delivery is made possible through combining Medtronic insulin pump and continuous glucose monitoring technology. ²Please note: In contacting the Diabetes Toll Free, personal and health information may be disclosed to an operator located outside Australia. **1.** 'Think' refers to the data retrieval, processing and computing capabilities found in the MiniMed® 640G insulin pump, continuous glucose monitoring system (Guardian™ 2 Link transmitter and Enlite™ sensor), CONTOUR® NEXT LINK 2.4 blood glucose meter and Medtronic CareLink® therapy management software, both collectively and individually. This system and its computing capabilities are part of, but not a replacement for, your daily diabetes management. A confirmatory fingerstick is still required prior to making adjustments to diabetes therapy. **2.** The SmartGuard™ algorithm optimization was based on the unique characteristics of how the Medtronic devices function as an integrated system. The full efficacy of the algorithm in preventing hypoglycemia and hyperglycemia has not yet been validated through direct clinical evidence. **3.** The dynamic suspend feature is based on certain criteria: sensor glucose must be within 3.4 mmol/L of the low limit and predicted to be 1.1 mmol/L above the low limit within 30 minutes AND the pump must not be in the refractory period. **4.** The dynamic resume feature is based on certain preset criteria: sensor glucose must be 1.1 mmol/L above the preset low limit and predicted to be greater than 2.2 mmol/L above within 30 minutes AND insulin must have been suspended for at least 30 minutes. **5.** U.S. Enlite Clinical Study Customer Satisfaction Survey. Data on file, Medtronic MiniMed®, Inc., Northridge, CA. **6.** MiniMed® 640G with Enlite has a MARD of 13 percent [Enlite Sensor Performance Report] when calibrated 3-4 times daily. **7.** Calculation is based on the amount of insulin currently in the body, the amount of carbohydrates, the user's current and target blood sugar levels, their insulin-to-carb ratio and their body's sensitivity to insulin. Proper Bolus Wizard setup must be completed first. Users must input the number of carbohydrates they are eating and their current blood glucose value before the Bolus Wizard can calculate the insulin users should take. **8.** Up to 12 feet (3.6 meters) for up to 24 hours at a time. See MiniMed® 640G User Guide for proper use instructions.

Safety Information: MiniMed® 640G Insulin Pump is indicated for the continuous delivery of insulin, at set and variable rates, for the management of diabetes mellitus in persons requiring insulin. In addition, the Enlite™ glucose sensor is indicated for continuous or periodic monitoring of glucose levels in the fluid under the skin, and possible low and high glucose episodes. The pump displays continuous sensor glucose values and stores this data so that it can be analysed to track patterns and improve diabetes management. This data can be downloaded to a computer for analysis of historical sensor glucose values. The continuous sensor glucose values provided by the MiniMed® 640G insulin pump are not intended to be used directly for making therapy adjustments. Rather, they provide an indication that a confirmation fingerstick measurement may be required. All therapy adjustments should be based on measurements obtained using a home glucose monitor and not based on the value displayed by the pump. Please refer to the *MiniMed® 640G User Guide* for complete details. **Safety Information: Medtronic CareLink®** software is intended for use as a tool to help manage diabetes. The purpose of the software is to take information transmitted from insulin pumps, glucose meters and continuous glucose monitoring systems, and turn it into Medtronic CareLink® reports. The reports provide information that can be used to identify trends and track daily activities, such as carbohydrates consumed, meal times, insulin delivery, and glucose readings. NOTE: Medtronic CareLink® report data is intended for use as an adjunct in the management of diabetes only and NOT intended to be relied upon by itself. Patients should consult their healthcare providers familiar with the management of diabetes prior to making changes in treatment.

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