



REAL-Time Continuous Glucose Monitoring System

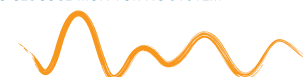
REAL insights help you take action sooner to improve your glucose control.

Feature	Specification	Benefit
Glucose sensor	<p>Tiny electrode inserted, virtually painlessly, through the skin, usually in the stomach area. The sensor sends an electronic signal measuring the amount of glucose in your blood. Replace the sensor every 3 days.</p> <p>This sensor is also used in the Medtronic CGMS® System Gold™, the continuous glucose monitoring system that doctors have used with more than 150,000 people with diabetes around the world.</p>	<p>Measures your glucose levels continuously, as an addition to fingerstick measurements. Displays up to 288 glucose readings a day—nearly 100 times more information than 3 daily fingersticks.</p> <p>Numerous studies have proven the accuracy of the sensor.¹⁻²</p>
Calibration	<p>Calibrate your MiniMed Paradigm REAL-Time System at least once every 12 hours. In addition, make sure you always confirm with a fingerstick before making any adjustments in your therapy.</p>	<p>Calibration is simple.</p>

Radiofrequency (RF) Transmitter

Wireless communication gives you REAL flexibility

Feature	Specification	Benefit
RF transmitter	<p>Receives and processes signals from your glucose sensor, and sends glucose values to your insulin pump. Battery lifespan of approximately 9 months with continuous glucose sensor use.</p> <p>Transmitter connects to your glucose sensor, and attaches to your skin with just an adhesive patch.</p>	<p>Allows your transmitter to be separate from your insulin pump. You can shower, bathe, or swim while wearing your sensor and transmitter.</p> <p>Makes your insulin pump system more flexible and discreet for your lifestyle.</p>



MiniMed Paradigm® 522/722 Insulin Pump

REAL-Time features give you insights you need to take action

Feature	Specification	Benefit
REAL-Time Trend Graphs	Your insulin pump displays glucose trend graphs for 3-hour and 24-hour periods.	Shows you the effects of meals, exercise, insulin, and medication on your glucose control.
REAL-Time Readings	Displays updated glucose readings every 5 minutes.	Continuous glucose monitoring is proven to improve your glycemic control, ³⁻⁵ which reduces your risk of long-term complications including eye, nerve, kidney, and heart disease. ^{6,7}
REAL-Time Alarms	Audible or vibrating and onscreen alarm occurs when glucose levels go out of your preset target range. Personalize alarms to meet your specific needs and preferences. You also can turn off your alarms, if you prefer.	Warns you of high or low glucose levels. Use of continuous glucose monitoring is proven to detect highs and lows that fingersticks and A1C testing alone may miss. ^{3-5,8}
REAL-Time Trend Arrows	Single and double arrows point up and down to show the degree and direction of glucose trends. A single arrow shows that glucose has increased (if the arrow points up) or decreased (if the arrow points down) between 1 and 2 ml/L (0.05-0.11 mmol/L) per minute for the past 20 minutes. Two arrows show that glucose has increased or decreased faster—more than 2 ml/L (0.11 mmol/L) per minute for the past 20 minutes.	Up arrows reveal increases in glucose levels. Down arrows reveal decreases in glucose levels. Double arrows suggest a more rapid increase or decrease. Use of continuous glucose monitoring helps reduce the duration of high and low blood glucose and A1C. ^{3-5,9}

Better data management for better diabetes management

Feature	Specification	Benefit
On-board data management	Your insulin pump shows data—blood glucose, insulin delivered, and bolus details—viewable by individual day or as an average of up to 31 days.	Delivers the personalized information you need to make informed decisions about your treatment.
Medtronic CareLink® Therapy Management System for Diabetes™	Web-based system transforms data from your insulin pump, sensor, meters, and logbook into meaningful treatment information that you and your healthcare professional can use.	Helps you and your health care provider more effectively optimize therapy.

Advanced performance for superior diabetes control

Feature	Specification	Benefit
Bolus Wizard® calculator	<p>Recommends a bolus dose based on your personal settings, food intake, and the amount of active insulin in your body.</p> <p>Includes carbohydrate ratios, insulin sensitivities, and blood glucose targets.</p>	Eliminates the guesswork and complicated diabetes math to make dosing easier and more accurate ^{9,10}
Adjustable active insulin curves	Select between 2 and 8 hours.	Automatically defaults to 6 hours, which most closely represents the published scientific data. ¹⁰
Blood glucose target ranges	Program ranges into your insulin pump. Recommends correction doses when your blood glucose goes outside the range.	Helps keep your blood glucose levels within your personalized target range by recommending necessary correction doses.
High and low blood glucose alerts	When your insulin pump receives high or low results, it automatically displays helpful management tips.	Help you stay on target for maximum glucose control.
Choice of reservoir sizes	Model 522: 176 units. Model 722: 176 or 300 units.	Larger reservoir is for people who require more than 50 units of insulin per day; smaller reservoir makes the insulin pump even more discreet and lightweight.
Accurate delivery	+ or - 5%.	Precise dosing with controlled, steady insulin delivery.
3 bolus delivery options	Normal, Square Wave®, Dual Wave.™	More closely matches your insulin delivery to the food you eat.
Basal rates and patterns	3 patterns, 48 rates each.	Set the pattern and rate to match your day's activities.
Basal rate range	0.05 to 35 units per hour.	Precise insulin dosing to meet your specific needs.
Temporary basal rate	Increase or decrease by % or set the insulin pump at any rate for 30 minutes, up to 24 hours.	Adjust insulin "on the fly" in response to stress, illness, or changes in your activity levels.
Blood glucose testing reminders	Built into your bolus menus; set to remind yourself 30 minutes to 5 hours after eating.	Even if you forget, your insulin pump won't. Helps ensure your peace of mind.
Memory	90 days.	Download data to your personal computer; or, for immediate review, view up to 31 days of your personal history on your insulin pump screen.

Safe and durable for your peace of mind

Feature	Specification	Benefit
Keypad lock-out	Locks, like a cell phone, to prevent unintended programming from accidentally pressing keypad.	Helps protect your therapy control and quality of life by protecting against accidental system settings. Also helpful for parents and caregivers to block children from tampering with settings.
Save/Restore settings	Save current settings as a backup; restore saved settings if cleared or lost.	Lets you keep your individualized settings for consistent control.
Low reservoir alert	Set up automatically in units or time remaining.	For your peace of mind, keeps track of your insulin usage and tells you when it's time to change your infusion set.
Safety checks	Millions per day, automatically.	Reliable performance.
Alert modes	Beep or vibrate.	Vibrate mode adds privacy.
Water-resistant	Protects against splashes or a temporary dunk in water.	Gives you more freedom and flexibility with less worries about system performance and reliability.

Easy to learn, easy to use

Feature	Specification	Benefit
Onscreen icons for battery level, reservoir level, and time of day	Icons appear on every screen.	Helps simplify proper, effective use.
Alarms	Up to 8 customizable reminders per day.	Helps you remember the action to take to keep your diabetes in control.
Display	Large font, with backlit screen.	Easy to read, especially at night.
Menus	E-Z PATH™ programming.	Easy to learn, easy to use, with menus that guide you through each step.
Power source	1 AAA alkaline battery.	Cost-effective and widely available.

Small, light, discreet

Feature	Specification	Benefit
Small	Model 522: 2 x 3 x 0.8 inches (5.08 x 7.62 x 2.03 centimeters) Model 722: 2 x 3.6 x 0.8 inches (5.08 x 9.14 x 2.03 centimeters)	Easy and comfortable for you to wear under clothing.
Lightweight (with full reservoir)	Model 522: 100 grams. Model 722: 108 grams.	Easy to wear.
4 color choices	Clear, Blue, Smoke, Purple.	Pick a color to match your style.
Exclusive remote control	Available for all MiniMed Paradigm insulin pumps.	More privacy with one-touch bolus delivery.

Support

Expert training and REAL help for all your diabetes management needs

Feature	Specification	Benefit
Education	Training with a Certified Product Trainer.	Smooth transition from multiple daily injections to insulin pump therapy.
Live help line	24/7/365 product support.	Around-the-clock support.
Warranty	4 years, including a 30-day money-back guarantee.	Your wise investment is protected.
Supply ordering	Easy process.	Convenient and reliable for you.
Proven experience	More than 20 years of leadership from the pioneer in insulin pump therapy and continuous glucose monitoring.	Trust the performance of your insulin pump and the support you'll get from the leader in insulin pump therapy.



THE MINIMED
Paradigm® REAL-Time
INSULIN PUMP AND CONTINUOUS GLUCOSE MONITORING SYSTEM

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*English language version only.
**Not available in all countries.

Confirmed for use by adults aged 18 and over with type 1 or type 2 diabetes. Confirmatory fingersticks required before treatment. Please visit www.minimed.com/precautions/pump for complete safety information. Paradigm is a registered trademark of Medtronic MiniMed, Inc.