

# SEE WHY MINIMED IS THE #1 PRESCRIBED PUMP.



MiniMed® 630G system



MiniMed® 530G system



Animas® Vibe®



t:slim G4™



ACCU-CHEK® Combo



OmniPod®



Dexcom® G5™ Mobile CGM

	Feature	Why it's important	Medtronic		Animas®	Tandem®	Roche	Insulet	Dexcom®
PERFORMANCE	<b>Automated suspension of insulin delivery</b>	So you have a backup to help protect you from lows – all day, all night	YES SmartGuard™ technology automatically stops insulin when your sensor value reaches a preset low limit, and you don't respond to alerts. <sup>1</sup>		NO	NO	NO	NO	NO
	<b>Predictive alerts</b>	So you can make adjustments ahead of time	YES Predictive alerts notify you before you go high or low, so you can take action sooner.		NO	NO	NO	NO	NO
	<b>Active, ongoing insulin tracking</b>	So you can accurately calculate and prevent overlapping boluses	YES Active insulin from food and correction boluses <sup>2</sup> is tracked – even during battery changes.		LIMITED Active insulin information lost during battery changes <sup>3</sup>	YES Active insulin tracked <sup>4</sup>	LIMITED Active insulin tracked only on the linked meter, not on the pump <sup>5</sup>	YES Active insulin tracked	NO
CONVENIENCE	<b>Linking meter</b>	So you can save time, avoid coding errors and get more reliable glucose readings	YES CONTOUR®NEXT LINK 2.4 is the only FDA-approved linking meter for use with the MiniMed® 630G system. <sup>6</sup>	YES CONTOUR®NEXT LINK is the only linking meter labeled for use with the MiniMed 530G system. <sup>6</sup>	YES Wireless transmission to pump	NO No dedicated meter with separate upload and USB required	YES	YES Built-in PDM meter	NO
	<b>Remote bolusing from meter</b>	So you can easily and discreetly deliver the insulin you need without taking out your pump	YES The pump can deliver a manual or pre-set remote bolus from the meter. This feature can be used to cover frequently eaten meals or snacks.	NO	NO	NO	YES	NO	NO
	<b>Insulin pump with built-in CGM</b>	So you can make informed decisions about your insulin needs quickly and easily	YES Fully integrated MiniMed pump and sensor systems help you make informed decisions through a more complete picture of your glucose levels and trends. <sup>7,8</sup>		YES Animas pump displaying glucose information from a Dexcom sensor	YES Tandem pump displaying glucose information from a Dexcom sensor	NO	NO	NO Stand-alone CGM only



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CONVENIENCE

Feature	Why it's important	Medtronic		Animas®	Tandem®	Roche	Insulet	Dexcom®
<b>Easy-to-use pump interface</b>	So routine tasks go more quickly, and you can avoid errors	YES Enhanced user interface for fewer button pushes, back button and navigation by alerts.	YES Simple user-friendly menus, back button and navigation by alerts.	LIMITED No back button, more button pushes may be needed <sup>9</sup> , up to 5 pushes needed to calibrate sensor <sup>3</sup>	LIMITED More button pushes for simple tasks <sup>4</sup>	YES Minimal button pushing for simple tasks	LIMITED Setting basal rates requires multiple button pushes; pump must be suspended <sup>10</sup>	NO
<b>Simple bolus calculator</b>	So you can set a bolus quickly without a lot of mental gymnastics	YES Bolus Wizard® calculator simplifies calculating mealtime insulin or corrections and helps you avoid insulin stacking from previous boluses. <sup>11</sup>		LIMITED Multiple button pushes for calculated boluses <sup>3</sup>	YES Prepopulated bolus values <sup>4</sup>	YES Prepopulated bolus values <sup>5</sup>	YES Prepopulated bolus values <sup>10</sup>	NO
<b>Customizable high and low alerts</b>	So they meet your diabetes management needs throughout the day	YES The pump lets you customize up to eight different glucose target ranges, so you can receive alerts that prompt you to act.		LIMITED One customizable high and low alert setting <sup>3</sup>	LIMITED One customizable high and low alert setting <sup>4</sup>	NO	NO	LIMITED One customizable high and low alert setting <sup>15</sup>
<b>Easy sensor insertion with short, thin needle</b>	So you can insert the sensor easily and wear it without discomfort	YES The sensor offers a comfortable and easy one-button insertion with a small, fully concealed needle. <sup>12,13</sup>		LIMITED Insertion needle is about 43 percent longer than Medtronic Enlite® sensor insertion needle <sup>14</sup>	LIMITED Insertion needle is about 43 percent longer than Medtronic Enlite sensor insertion needle <sup>14</sup>	NO	NO	LIMITED Insertion needle is about 43 percent longer than Medtronic Enlite sensor insertion needle <sup>15</sup>
<b>Mobile monitoring</b>	So you can see your pump and sensor information on your phone	NO	YES MiniMed® Connect mobile accessory sends your pump and sensor data to an app on a mobile device, where you can view your information at any time. It also automatically sends updates to CareLink® Personal software.	NO	NO	NO	NO	LIMITED Display of sensor glucose information on a mobile device with no connectivity to an insulin pump; standalone CGM use only



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CONVENIENCE	<b>Color screen with automatic light adjustment</b>	So readability is easy – day or night, indoors or out	YES	NO	YES No auto-adjust feature	YES	NO	NO	NO	NO
	<b>Waterproof</b>	So you don't have to worry about damaging your pump when you're exercising or moving around	YES The pump has a rating of IPX8 and is waterproof up to 12 feet (3.6 meters) for up to 24 hours. <sup>16</sup>	LIMITED The pump has a rating of IPX7 and is water-resistant up to 3.2 feet (1 meter) for up to 30 minutes. <sup>16</sup>	YES The pump has a rating of IPX8	NO	NO	LIMITED The pod is waterproof but the PDM (that controls insulin delivery) is not	NO	NO
	<b>Restored glucose readings</b>	So your readings are saved even if transmissions from your sensor are delayed	YES The pump automatically stores 10 hours of missed glucose readings.	YES The pump automatically stores 40 minutes of missed glucose readings.	NO	NO	NO	NO	NO	NO
SUPPORT	<b>Actionable treatment management software</b>	So you and your doctor have online access to your pump and glucose information and can make therapy adjustments	YES CareLink Personal therapy management software helps you and your doctor discover trends and patterns, so you can tailor your treatment plan. Using CareLink has been shown to help lower your A1C levels. <sup>17</sup>	LIMITED Limited evidence that software as part of a diabetes treatment regime can lower A1C levels	LIMITED Limited evidence that software as part of a diabetes treatment regime can lower A1C levels	LIMITED Limited evidence that software as part of a diabetes treatment regime can lower A1C levels	LIMITED Limited evidence that software as part of a diabetes treatment regime can lower A1C levels	LIMITED Limited evidence that software as part of a diabetes treatment regime can lower A1C levels	LIMITED Limited evidence that software as part of a diabetes treatment regime can lower A1C levels	LIMITED Limited evidence that software as part of a diabetes treatment regime can lower A1C levels
	<b>Comprehensive support from one company</b>	So you get the help you need to succeed on pump and sensor therapy	YES Medtronic has over 30 years of experience in diabetes education and management, more than 2,800 certified trainers and 200 field reps, a 24-hour helpline, Web resources and an active online social community.	NO Customer support for the pump from Animas; for the sensor and transmitter, from Dexcom	LIMITED Fewer sales representatives, educational events and product trainers	YES	LIMITED Fewer sales representatives, educational events and product trainers	LIMITED Fewer sales representatives, educational events and product trainers	LIMITED Fewer sales representatives, educational events and product trainers	LIMITED Fewer sales representatives, educational events and product trainers

## References

1. MiniMed 530G and MiniMed 630G system user guides. 2. Manually injected insulin will not be tracked by the pump. 3. Animas® Vibe™ Owner's Booklet. 4. Tandem® t:slim® User's Guide. 5. ACCU-CHEK® Aviva Combo Advanced Owner's Booklet. 6. See CONTOUR®NEXT LINK User Guide. 7. Bergenstal RM, Tamborlane WV, Ahmann A, et al. Effectiveness of sensor-augmented insulin-pump therapy in type 1 diabetes. *N Engl J Med*. 2010;363:311–320. 8. Battelino T, Conget I, Olsen B, et al. The use and efficacy of continuous glucose monitoring in type 1 diabetes treated with insulin pump therapy: a randomized controlled trial. *Diabetologia*. 2012;55:3155–3162. 9. Animas® OneTouch® Ping® Owner's Booklet. 10. Insulet OmniPod® Next Generation User's Guide. 11. WARNING: Feature does not account for manual injections by syringe or pen. If not accounted for, this can cause over delivery of insulin, which can result in hypoglycemia. 12. U.S. Enlite Clinical Study Customer Satisfaction Survey. Data on file, Medtronic MiniMed, Inc., Northridge, CA. 13. Enlite® Sensor Performance Clinical Appendix. 14. User evaluations. Data on file, Medtronic MiniMed, Inc., Northridge, CA. 15. Dexcom® G5™ Mobile CGM User's Guide. 16. At the time of manufacture. 17. Corriveau EA, Durso PJ, Kaufman ED, et al. Effect of CareLink, an internet-based insulin pump monitoring system, on glycemic control in rural and urban children with type 1 diabetes mellitus. *Pediatric Diabetes*. 2008;9(Part II):360–366.

## Important Safety Information: MiniMed® 530G and MiniMed® 630G systems with SmartGuard™ Technology

The MiniMed 530G and MiniMed 630G systems with SmartGuard technology are intended for the delivery of insulin and continuous glucose monitoring for the management of diabetes mellitus in persons 16 years of age or older who require insulin. Insulin infusion pumps and associated components of insulin infusion systems are limited to sale by or on the order of a physician and should only be used under the direction of a healthcare professional familiar with the risks of insulin pump therapy. Pump therapy is not recommended for people who are unwilling or unable to perform a minimum of four blood glucose tests per day. Pump therapy is not recommended for people who are unwilling or unable to maintain contact with their healthcare professional. Pump therapy is not recommended for people whose vision or hearing does not allow recognition of pump signals and alarms. Insulin pumps use rapid-acting insulin. If your insulin delivery is interrupted for any reason, you must be prepared to replace the missed insulin immediately. Replace the infusion set every 48–72 hours, or more frequently per your healthcare professional's instructions. Insertion of a glucose sensor may cause bleeding or irritation at the insertion site. Consult a physician immediately if you experience significant pain or if you suspect that the site is infected. The information provided by CGM systems is intended to supplement, not replace, blood glucose information obtained using a blood glucose meter. A confirmatory fingerstick using a CONTOUR®NEXT LINK portfolio meter\* is required prior to making adjustments to diabetes therapy. Always check the pump display when using a CONTOUR®NEXT LINK portfolio meter\*, to ensure the glucose result shown agrees with the glucose results shown on the meter. Do not calibrate your CGM device or calculate a bolus using a result taken from an Alternative Site (palm) or a result from a control solution test. If a control solution test is out of range, please note that the result may be transmitted to your pump when in the "Always" send mode. Do not calibrate your CGM device when sensor or blood glucose values are changing rapidly, e.g., following a meal or physical exercise. The MiniMed 530G and MiniMed 630G systems are not intended to be used directly for preventing or treating hypoglycemia but to suspend insulin delivery when the user is unable to respond to the Suspend on low alarm and take measures to prevent or treat hypoglycemia themselves. Therapy to prevent or treat hypoglycemia should be administered according to the recommendations of the user's healthcare provider. **WARNING: The SmartGuard feature will cause the pump to temporarily suspend insulin delivery for two hours when the sensor glucose reaches a set threshold. Under some conditions of use the pump can suspend again, resulting in very limited insulin delivery. Prolonged suspension can increase the risk of serious hyperglycemia, ketosis, and ketoacidosis. Before using the SmartGuard feature, it is important to read the SmartGuard feature information in the User Guide and discuss proper use of the feature with your healthcare provider.** See [www.medtronicdiabetes.com/importantsafetyinformation](http://www.medtronicdiabetes.com/importantsafetyinformation) and the appropriate user guides for additional important details.

\*The CONTOUR®NEXT LINK Meter is used with the MiniMed 530G system. The CONTOUR®NEXT LINK 2.4 Meter is used with the MiniMed 630G system.

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 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: 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. For more details, please consult the User Guide at [medtronicdiabetes.com/support/download-library/user-guides](http://medtronicdiabetes.com/support/download-library/user-guides).

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