






→ STAND-ALONE CONTINUOUS GLUCOSE MONITOR

Company Product	Transmitter and Sensor Size	Receiver Size	Battery	Range	Warm-Up Time	Calibration		Sensor Duration	Meter Interaction	Pump Functions?	Software	Details
Dexcom G5 Mobile 	1.5 x 0.9 x 0.5 in. 0.4 oz. with sensor	4 x 1.8 x 0.5 in. (receiver not pictured) 2.4 oz.	Transmitter has integrated battery with a three-month warranty. Rechargeable receiver.	The sensor/transmitter must be within 20 (unobstructed) feet of a receiver or iPhone, iPad, or iPod Touch.	Takes 2 hours to be ready after inserting sensor	Calibrate every 12 hours. Blood glucose levels must be between 40 and 400 mg/dl to calibrate.		7 days	You can manually enter a glucose reading from any meter.	No, the Dexcom G5 Mobile is a stand-alone system.	Automatically sends data to the Dexcom Clarity Web-based diabetes management software.	Users can get CGM data and alerts directly on their smart device—Apple products only at the moment, though Android compatibility is in the works. A receiver is available, but is not necessary. Built-in hypoglycemia safety alarm alerts user when glucose hits 55 mg/dl and is always on. Customizable alarms with a number of different tones alert user when glucose falls below or rises above set limits and when glucose is rising or falling rapidly. Sensor with attached transmitter is water resistant for up to 8 feet deep for 24 hours, so you can wear it while bathing and swimming. The receiver should not get wet. Pump has integrated Dexcom Share, which allows up to five caregivers to view glucose readings in real time by using Dexcom's Follow app on Apple or select Android devices. Approved for use by adults and children 2 and over.

→ COMBINATION CONTINUOUS GLUCOSE MONITOR-INSULIN PUMPS

Animas Corp. Vibe 	1.5 x 0.9 x 0.5 in. 0.3 oz. with sensor	2 x 3.25 x 0.85 in. 3.7 oz. without batteries and with empty reservoir	Transmitter has integrated battery that lasts a minimum of six months. Pump uses either a AA or 1.5-volt lithium AA battery.	The sensor/transmitter must be within 12 feet of the pump.	Takes 2 hours to be ready after inserting sensor	Calibrate every 12 hours. Blood glucose levels must be between 40 and 400 mg/dl to calibrate.		7 days	You can manually enter a glucose reading from any meter.	Yes, the Animas Vibe functions as both an insulin pump and a CGM, using Dexcom technology.	Works with Diasend Web-based data management software.	Combines a Dexcom sensor and transmitter with the Animas Vibe insulin pump. (More on its pump functions at diabetesforecast.org/consumerguide .) Alarms alert user when glucose is above or below set limits or when glucose is rising or falling rapidly. Sensor with attached transmitter is water resistant for up to 8 feet deep for 24 hours, so you can wear it while bathing and swimming. Pump is waterproof for up to 12 feet deep for 24 hours. Approved for use by adults and children 2 and over.
Medtronic Diabetes MiniMed 530G With Enlite 	1.4 x 1.12 x 0.37 in. 0.19 oz. without sensor	Model 551: 2 x 3.3 x 0.81 in. 3.4 oz. Model 751: 2 x 3.7 x 0.82 in. 3.7 oz. (weights for both models with battery and empty reservoir)	Rechargeable transmitter. Fully charged transmitter lasts for 14 days of continuous use. Charger uses 1 AAA battery that lasts for 40 charges. Pump uses 1 AAA battery.	The sensor/transmitter must be within 6 feet of the pump.	Takes 2 hours to be ready after inserting sensor	Calibrate every 12 hours. Blood glucose levels must be between 40 and 400 mg/dl to calibrate.		6 days	You can manually enter a glucose reading from any meter. The Contour Next Link meter wirelessly communicates with the system.	Yes, the MiniMed 530 With Enlite functions as both an insulin pump and a CGM.	Works with CareLink Personal data management software. Compatible with Windows (except Windows 8) and Mac operating systems.	Integrated diabetes management system with pump and CGM capabilities. (More on its pump functions at diabetesforecast.org/consumerguide .) Threshold Suspend feature automatically stops insulin delivery for up to 2 hours when glucose values reach a preset low threshold and there is no response to the alarm. Alarms warn user up to 30 minutes before glucose hits upper or lower limit, when glucose is rising or falling rapidly, and when glucose reaches preset high and low values. Sensor with attached transmitter is waterproof for up to 8 feet deep for 30 minutes, so you can wear it while bathing and swimming. Pump is not watertight; remove before bathing and swimming. Approved for use by adults and children 16 and over.
Medtronic Diabetes MiniMed Paradigm Revel 	1.4 x 1.12 x 0.37 in. 0.19 oz. without sensor	Model 523: 2 x 3.3 x 0.81 in. 3.4 oz. Model 723: 2 x 3.7 x 0.84 in. 3.6 oz. (weights for both models with battery and empty reservoir)	Rechargeable transmitter. Fully charged transmitter lasts for 14 days of continuous use. Charger uses 1 AAA battery that lasts for 40 charges. Pump uses 1 AAA battery.	Receiver must be within 6 feet of sensor wearer	Takes 2 hours to be ready after inserting sensor	Calibrate every 12 hours. Blood glucose levels must be between 40 and 400 mg/dl to calibrate.		3 days	You can manually enter a glucose reading from any meter. The Contour Next Link meter wirelessly communicates with the system.	Yes, the MiniMed Paradigm Real-Time Revel functions as both an insulin pump and a CGM.	Works with CareLink Personal data management software. Compatible with Windows (except Windows 8) and Mac operating systems.	Integrated diabetes management system with pump and CGM capabilities (via Enlite sensor). (More on its pump functions at diabetesforecast.org/consumerguide .) Alarms warn user up to 30 minutes before glucose hits upper or lower limit, when glucose is rising or falling rapidly, and when glucose reaches preset high and low values. Once connected, sensor and transmitter are waterproof for up to 8 feet deep for 30 minutes, so you can wear while bathing and swimming. Works with mySentry. Approved for use in adults and children ages 7 and older.
Tandem Diabetes Care T:slim G4 Pump 	1.5 x 0.9 x 0.5 in. 0.3 oz. with sensor	2 x 3.13 x 0.6 in. 3.9 oz. with battery and full reservoir	Transmitter has integrated battery that lasts a minimum of six months. Pump uses an integrated rechargeable lithium polymer battery.	The sensor/transmitter must be within 20 (unobstructed) feet of the pump.	Takes 2 hours to be ready after inserting sensor	Calibrate every 12 hours. Blood glucose levels must be between 40 and 400 mg/dl to calibrate.		7 days	You can manually enter a glucose reading from any meter.	Yes, the Tandem T:slim G4 Pump functions as both an insulin pump and a CGM, using Dexcom technology.	Works with T:Connect Diabetes Management Application, Tandem's Web-based software that is compatible with both Windows and Mac operating systems. Also works with Diasend Web-based glucose data management software.	Combines a Dexcom sensor and transmitter with the Tandem T:slim G4 insulin pump. (More on its pump functions at diabetesforecast.org/consumerguide .) Alarms alert user when glucose is above or below a set target range or when glucose is rising or falling rapidly. Sensor with attached transmitter is water resistant for up to 8 feet deep for 24 hours, so you can wear it while bathing and swimming. Pump is watertight for up to 3 feet deep for 30 minutes. Approved for use by adults and children 12 and over.