





Company/Continuous Glucose Monitor	Transmitter and Sensor Size	Receiver Size	Battery	Range	Warm-Up Time	Calibration	Sensor Duration	Meter Interaction	Pump Interaction?	Software	Details
Dexcom G4 Platinum 	1.5 x 0.9 x 0.5 in. 0.4 oz. (with sensor)	4 x 1.8 x 0.5 in. 2.4 oz.	Transmitter has integrated battery and a six-month warranty, though actual use time may be longer. Rechargeable receiver.	Receiver must be within 20 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.	7 days	You can manually enter a glucose reading from any meter.	No	Works with Dexcom Studio data management software. Compatible with Windows (except Windows 8) and Mac operating systems on which Windows has been installed.	A stand-alone CGM. Built-in hypoglycemia safety alarm (alerts user when glucose hits 55 mg/dl) that's always on. Customizable alarms with a number of different tones alert user when glucose falls below or rises above set glucose 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. Not approved for use in children.
Medtronic Diabetes Guardian Real-Time 	1.4 x 1.1 x 0.3 in. less than 0.25 oz. (without sensor)	2 x 3.2 x 0.77 in. 2.8 oz.	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 or use a Contour Next Link meter, which wirelessly communicates with the system.	No	Works with CareLink Personal software for data management. Compatible with Windows (except Windows 8) and Mac operating systems.	A stand-alone CGM. Alarms alert 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. (A pediatric model, with low-glucose safety alarm, is available for children and teens.) Sensor and transmitter are waterproof for up to 8 feet deep for 30 minutes. Approved for use in children and adults.
Medtronic Diabetes MiniMed 530G With Enlite 	1.4 x 1.1 x 0.3 in. (without sensor)	Model 551: 2 x 3 x 0.8 in. 3.53 oz. Model 751: 2 x 3 x 0.8 in. 3.81 oz. (weight 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.	6 days	You can manually enter a glucose reading from any meter or use a Contour Next Link meter, which wirelessly communicates with the system.	Yes, the MiniMed 530 With Enlite functions as both an insulin pump and a CGM.	Works with CareLink Personal software for data management. Compatible with Windows (except Windows 8) and Mac operating systems.	Integrated diabetes management system with pump and CGM capabilities. 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. Features an Enlite glucose sensor, said to be more comfortable, smaller, and more flexible than Medtronic's Sof-sensor. Alarms alert 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 and transmitter are waterproof for up to 8 feet deep for 30 minutes. Not approved for use in children.
Medtronic Diabetes MiniMed Paradigm Real-Time Revel 	1.4 x 1.1 x 0.3 in. less than 0.25 oz. (without sensor)	Model 523: 2 x 3 x 0.8 in. 3.53 oz. Model 723: 2 x 3 x 0.8 in. 3.81 oz. (weight 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 or use a Contour Next Link meter, which 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 software to upload and manage pump and CGM data. Compatible with Windows (except Windows 8) and Mac operating systems.	Integrated diabetes management system with pump and CGM capabilities. Alarms alert 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 and transmitter are waterproof for up to 8 feet deep for 30 minutes. Approved for use in children and adults.