













COMPANY Insulin Pump	Size and Weight	Battery	Reservoir	Infusion Set	Basal Range	Bolus Range	Food Database?	Details
ANIMAS CORP. OneTouch Ping 	Pump: 3.25 x 2 x 0.86 in. 3.74 oz. with battery and empty reservoir Meter/remote: 3.8 x 2.46 x 1.12 in. 3.88 oz. with batteries	Pump: (1) 1.5-volt lithium AA or (1) 1.5-volt alkaline AA Meter/remote: (2) 1.5-volt alkaline AAA	200-unit cartridge	Compatible with all standard Luer-lock infusion sets	From 0.025 to 25 units per hour in 0.025-unit increments	From 0.05 to 35 units in 0.05-unit increments. Insulin-to-carb ratio in whole units only.	Yes, meter/remote stores up to 500 foods and their nutrition information. Added software allows users to customize food database.	Meter/remote and pump can each control nearly all pump functions, including delivering a bolus, monitoring pump stats, and confirming alarms and warnings. Meter/remote works from up to 10 feet away. No CGM integration. Pump is waterproof for up to 12 feet deep for 24 hours, so there's no need to disconnect while swimming or bathing. Eight pump and eight meter/remote "skins" are available to customize. Works with Tidepool and Diasend data management systems, plus ezManager Max data management software, which is compatible with Windows (except Windows 7 and 8) and Mac operating systems. Approved for use by adults and children 2 and over.
ANIMAS CORP. Vibe 	3.25 x 2 x 0.86 in. 3.7 oz. without batteries and with empty reservoir	(1) 1.5-volt lithium AA or (1) 1.5-volt alkaline AA	200-unit cartridge	Compatible with all standard Luer-lock infusion sets	From 0.025 to 25 units per hour in 0.025-unit increments	From 0.05 to 35 units in 0.05-unit increments. Insulin-to-carb ratio in whole units only.	Yes, pump stores up to 500 foods and their nutrition information.	The Vibe is compatible with Dexcom's G4 Platinum CGM, which uses a sensor to wirelessly transmit continuous glucose readings. (For more on its CGM functions, flip to p. 76.) Pump is waterproof for up to 12 feet deep for 24 hours, so there's no need to disconnect while swimming or bathing. Eight pump "skins" are available to customize. Works with Tidepool and Diasend data management systems. Approved for use by adults and children 2 and over.
INSULET CORP. Omnipod 	Pod: 1.53 x 2.05 x 0.57 in. 0.88 oz. with empty reservoir Personal Diabetes Manager (PDM): 2.4 x 4.4 x 0.98 in. 4.4 oz. with batteries	Pod: battery integrated PDM: 2 AAA	Pod includes built-in reservoir that holds 200 units.	Does not use tubing. Pod comes with a built-in cannula that inserts with a button press on the PDM.	From 0.05 to 30 units per hour in 0.05-unit increments	From 0.05 to 30 units. Increments of 0.05, 0.1, 0.5, or 1 unit. Insulin-to-carb ratio in whole units only.	Yes, PDM contains more than 1,000 common foods (with nutrition information) and stores up to 36 preset carb values.	No tubing. The system includes a waterproof pod that is worn for up to 72 hours and a remote Personal Diabetes Manager (PDM) that controls the pod's functions and has a built-in blood glucose meter. Once the pod is activated, it is required to be within 5 feet of the PDM to deliver bolus doses. The pod delivers basal insulin regardless of how close it is to the PDM. No CGM integration. Pod is waterproof for up to 25 feet deep for 60 minutes, so there's no need to disconnect while swimming or bathing. Works with Glooko, Tidepool, and Diasend data management systems, plus NuMedics' online Diabetes Partner data management tool. Approved for use by adults and children.
MEDTRONIC DIABETES MiniMed 530G System With Enlite 	Model 551: 2 x 3.3 x 0.81 in. 3.4 oz. with battery and empty reservoir Model 751: 2 x 3.7 x 0.82 in. 3.7 oz. with battery and empty reservoir	1 AAA	Model 551: 180-unit reservoir Model 751: 300-unit reservoir	Compatible with Medtronic infusion sets only	From 0.025 to 35 units per hour in 0.025-unit increments for up to 0.975 units. Increments of 0.05 units for between 1 and 9.95 units. Increments of 0.1 units for 10 units or more.	From 0.025 to 25 units. Increments of 0.1 units. Alternate bolus increments available for greater precision. Insulin-to-carb ratio allows for fractions of grams.	No	The MiniMed 530G combo pump-CGM uses SmartGuard technology to stop insulin delivery for up to two hours if the glucose level reaches a preset low limit and the user doesn't react to a low-glucose alarm. (For more on its CGM functions, flip to p. 76.) Remove pump body before bathing, swimming, and doing other water activities. Works with Glooko and Tidepool data management systems, plus CareLink Personal software, which is compatible with Windows and Mac operating systems. Pump also works with MiniMed Connect, which allows pump and CGM data to be displayed via Apple or Android smart devices. MiniMed Connect can text updates to family and friends. Approved for use by adults and children 16 and over.
MEDTRONIC DIABETES MiniMed 630G System With Enlite 	2.1 x 3.78 x 0.96 in. 3.5 oz. without battery and with empty reservoir	1 AAA	300-unit reservoir	Compatible with Medtronic infusion sets only	From 0.025 to 35 units per hour in 0.025-unit increments for up to 0.975 units. Increments of 0.05 units for between 1 and 9.95 units. Increments of 0.1 units for 10 units or more.	From 0.025 to 25 units. Increments of 0.025 units up to 0.975 units or more. Insulin-to-carb ratio allows for fractions of grams.	No	The MiniMed 630G combo pump-CGM uses SmartGuard technology to stop insulin delivery for up to two hours if the glucose level reaches a preset low limit and the user doesn't react to a low-glucose alarm. (For more on its CGM functions, flip to p. 76.) Pump is waterproof for up to 12 feet deep for 24 hours. Pump has remote bolus functionality via the Contour Next Link 2.4 meter and features a full-color screen. Works with CareLink Personal software to upload and manage pump and CGM data. Compatible with Windows and Mac operating systems. Approved for use by adults and children 16 and over.



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MEDTRONIC DIABETES MiniMed Paradigm Revel 	Model 523: 2 x 3.3 x 0.82 in. 3.4 oz. with battery and empty reservoir Model 723: 2 x 3.7 x 0.84 in. 3.6 oz. with battery and empty reservoir	1 AAA	Model 523: 180-unit reservoir Model 723: 300-unit reservoir	Compatible with Medtronic infusion sets only	From 0.025 to 35 units per hour in 0.025-unit increments for up to 0.975 units. Increments of 0.05 units for between 1 and 9.95 units. Increments of 0.1 units for 10 units or more.	From 0.025 to 25 units. Increments of 0.1 units. Alternate bolus increments available for greater precision. Insulin-to-carb ratio allows for fractions of grams.	No	Though formerly a combo pump-CGM, the MiniMed Revel is now a stand-alone pump. Has remote-control capabilities. Remove pump body before bathing, swimming, or other water activities. Pump comes in five different colors, and “skins” are available to customize. Works with Glooko and Tidepool data management systems, plus CareLink Personal software, which is compatible with Windows and Mac operating systems. Pump also works with MiniMed Connect, which allows pump data to be displayed via Apple or Android smart devices. MiniMed Connect can text updates to family and friends. Approved for use by adults and children 16 and over.
SOOIL DEVELOPMENT Dana Diabecare IIS 	2.95 x 1.77 x 0.74 in. 2.15 oz. with battery and full reservoir	(1) 3.6-volt DC lithium	300-unit cartridge	Compatible with Sooil infusion sets only	From 0.04 to 16 units per hour in 0.01 or 0.1-unit increments	From 0.1 to 80 units in 0.1-, 0.5-, or 1-unit increments. From 10 to 87 units in 1-unit increments. Insulin-to-carb ratio in whole units only.	No	Menu uses icons instead of words. Available in a choice of five colors. No CGM integration. Does not work with data management software. Approved for use by adults and children.
TANDEM DIABETES CARE T:flex Pump 	3.13 x 2 x 0.84 in. with insulin cartridge 4.05 oz. with battery and full reservoir	Rechargeable lithium polymer	480-unit cartridge	Compatible with all standard Luer-lock infusion sets	From 0.5 to 15 units per hour in 0.001-unit increments	From 0.5 to 60 units in 0.01-unit increments. Insulin-to-carb ratio allows for fractions of grams.	No	Largest-capacity insulin pump, designed for people who require more than 100 units of insulin per day. Maximum bolus of 60 units. Uses the Tandem Device Updater to remotely update software from a computer—without requiring purchase of a new device. Color touch screen. Micro-delivery technology allows for a thinner pump. Rechargeable battery with micro USB. No CGM integration. Pump is watertight for up to 3 feet deep for 30 minutes. Works with T:Connect Diabetes Management Application, Tandem’s Web-based software. Also works with Tidepool and Diasend data management systems. Approved for use by adults and children 12 and over.
TANDEM DIABETES CARE T:slim G4 Pump 	3.13 x 2 x 0.6 in. 3.95 oz. with battery and full reservoir	Rechargeable lithium polymer	300-unit cartridge	Compatible with all standard Luer-lock infusion sets	From 0.1 to 15 units per hour in 0.001-unit increments	From 0.05 to 25 units in 0.01-unit increments with an option for up to an additional 25 units. Insulin-to-carb ratio allows for fractions of grams.	No	The T:slim G4 is compatible with Dexcom’s G4 Platinum CGM, which uses a sensor to wirelessly transmit continuous glucose readings. (For more on its CGM functions, flip to p. 76.) Uses the Tandem Device Updater to remotely update software from a computer—without requiring purchase of a new device. Color touch screen. Flat reservoir design and micro-delivery technology allow for a thinner pump. Rechargeable battery with micro USB. Pump is watertight for up to 3 feet deep for 30 minutes. Works with T:Connect Diabetes Management Application, Tandem’s Web-based software. Also works with Tidepool and Diasend data management systems. Approved for use by adults and children 12 and over.
TANDEM DIABETES CARE T:slim X2 Pump 	3.13 x 2 x 0.6 in. 3.95 oz. with battery and full reservoir	Rechargeable lithium polymer	300-unit cartridge	Compatible with all standard Luer-lock infusion sets	From 0.1 to 15 units per hour in 0.001-unit increments	From 0.05 to 25 units in 0.01-unit increments with an option for up to an additional 25 units. Insulin-to-carb ratio allows for fractions of grams.	No	The T:slim X2 uses the Tandem Device Updater to remotely update software from a computer—without requiring purchase of a new device. Color touch screen. Flat reservoir design and micro-delivery technology allow for a thinner pump. Rechargeable battery with micro USB. No CGM integration. Pump is watertight for up to 3 feet deep for 30 minutes. Works with T:Connect Diabetes Management Application, Tandem’s Web-based software. Also works with Tidepool and Diasend data management systems. Approved for use by adults and children 6 and over.