





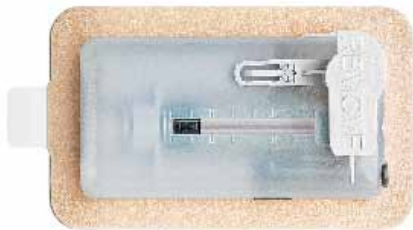


Company/Insulin Pump	Size and Weight	Battery	Reservoir	Infusion Set	Basal Range	Bolus Range	Food Database?	Meter Interaction?	CGM Interaction?	Details
<p>Roche Insulin Delivery Systems Accu-Chek Combo</p> 	<p>Pump: 3.2 x 2.2 x 0.8 in. Meter remote: 3.7 x 2.2 x 1.0 in.</p> <p>Pump: 3.9 oz. with battery and full reservoir Meter remote: 3.6 oz. with batteries</p>	<p>Pump: (1) AA lithium, alkaline, or rechargeable Meter remote: (3) AAA alkaline</p>	315-unit cartridge	Compatible with all standard, Luer-lock connectors.	From 0.05 to 25 units per hour. Delivers in 0.01-unit increments for up to 1 hour, in 0.05-unit increments for up to 10 hours, and in 0.1-unit increments for up to 25 hours.	0.1 to 25 units in increments of 0.1, 0.2, 0.5, 1, and 2 units for quick boluses. Standard, Extended, or Multiwave boluses are adjustable in increments of 0.1 units.	No	Yes, Accu-Chek Aviva Combo meter remote sends results wirelessly to pump.	No	Meter remote and pump can each control nearly all pump functions. Meter remote works from 6 feet away. Display can flip 180 degrees for easy reading on different areas of the body. Bolus Advice feature uses current blood glucose reading and active insulin to calculate and deliver a bolus. Pump is watertight for up to 8 feet deep for 1 hour, so there's no need to disconnect while swimming or bathing. "Skins" available to customize pump. Works with Accu-Chek 360° software, insulin pump configuration software, and Smart Pix device reader for data management. Software and reader are compatible with Windows (except Windows 7) but are not Mac compatible.
<p>Sooil Development Dana Diabecare IIS</p> 	2.95 x 1.77 x 0.75 in. 1.8 oz. without battery	(1) 3.6-volt DC lithium	300-unit cartridge	Compatible with Sooil infusion sets only.	From 0.1 to 16 units per hour in 0.1-unit increments	0.1 to 10 units in 0.1-unit increments. From 10 to 87 units in 1-unit increments.	No	No	No	Menu uses icons instead of words. Available in a choice of five colors. Does not work with data management software.
<p>Medtronic Diabetes MiniMed Paradigm Real-Time Revel</p> 	<p>Model 523: 2 x 3 x 0.8 in. 3.53 oz. Model 723: 2 x 3.6 x 0.8 in. 3.81 oz.</p> <p>(Both with battery and full reservoir.)</p>	(1) AAA	<p>Model 523: 176-unit reservoir Model 723: 176- or 300-unit reservoir</p>	Compatible with Medtronic infusion sets as well as sets from select brands (p. 56). Using a Fifty50 Medical reservoir allows pump to connect to all standard, Luer-lock connectors.	From 0.025 to 35 units per hour in 0.025-unit increments	0.025 to 25 units. Increments of 0.025 units up to 0.975 units. Increments of 0.05 units for amounts larger than 0.975 units.	No	Yes, Contour Next Link meter wirelessly sends test results to pump.	Yes, available as a stand-alone pump or an all-in-one pump/CGM.	The Real-Time Revel is a pump with built-in CGM technology that uses a sensor to wirelessly transmit continuous glucose readings (more on p. 50). Disconnect pump for bathing or swimming. Pump comes in five different colors, and "skins" are available to customize pump. Works with CareLink Personal software to upload and manage pump and CGM data. Software is Windows (including Windows 7 and Vista) and Mac compatible.
<p>Insulet Corp. OmniPod</p> 	<p>Pod: 1.6 x 2.4 x 0.7 in. Personal Diabetes Manager (PDM): 2.5 x 4.5 x 1 in.</p> <p>Pod: 1.2 oz. with empty reservoir PDM: 4.4 oz. with batteries</p>	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 infusion set, cannula, and automated inserter.	From 0.05 to 30 units per hour in 0.05-unit increments	0.05 to 30 units in increments of 0.05, 0.1, 0.5, or 1 unit	Yes, PDM contains more than 1,000 common foods and their nutrition information, and stores up to 36 preset carb values for user-selected foods.	Yes, a FreeStyle blood glucose meter is built into the PDM.	No	No tubing required: System includes a "pod" that's used for 72 hours and then discarded and a PDM that controls the pod's functions (you can't control the pod without the PDM). Pod is waterproof for up to 25 feet deep for 60 minutes, so there's no need to disconnect when swimming or bathing. Seven "skins" are available. Works with Abbott's CoPilot data management software. Software is compatible with Windows (except Windows 7), but is not Mac compatible.
<p>Animas Corp. OneTouch Ping</p> 	<p>Pump: 2 x 3.25 x 0.85 in. Meter remote: 3.8 x 2.46 x 1.12 in.</p> <p>Pump: 3.9 oz. with battery and full reservoir Meter remote: 3.88 oz. with batteries</p>	Pump: (1) 1.5-volt lithium AA or (1) AA Meter remote: (2) AAA	200-unit cartridge	Compatible with all standard, Luer-lock connectors.	From 0.025 to 25 units per hour in 0.025-unit increments	0.05 to 35 units in 0.05-unit increments	Yes, meter remote stores up to 500 foods and their nutrition information. Added software allows users to customize food database.	Yes, meter remote sends results wirelessly to pump.	No	Meter remote and pump can each control nearly all pump functions. Meter remote works from up to 10 feet away. 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 8 meter remote "skins" are available to customize. Works with ezManager Max data management software. Software is compatible with Windows (except Windows 7) and Mac operating systems.
<p>Tandem Diabetes Care T:slim</p> 	3.13 x 2.0 x 0.6 in. 3.95 oz. with full reservoir	Rechargeable lithium polymer battery	300-unit cartridge	Compatible with all standard, Luer-lock connectors.	From 0.1 to 15 units per hour in 0.001-unit increments	0.05 to 25 units in 0.01-unit increments	No	No	No	Color touch screen. Flat cartridge design allows for a thinner pump. Rechargeable battery. Delivers basal insulin in the smallest increments available. Pump is waterproof for up to 3 feet deep for 30 minutes, so there's no need to disconnect while swimming or bathing. Currently does not work with data management software. T:Connect Therapy Management, Tandem's web-based software that will be compatible with Windows and Mac operating systems, has not yet received FDA approval. It is expected to be released early in 2013.
<p>Valeritas V-Go</p> 	2.4 x 1.3 x 0.5 in. 0.7 to 1.8 oz. filled, depending on units of insulin used	No battery	<p>V-Go 20: 20 units V-Go 30: 30 units V-Go 40: 40 units</p>	Does not use tubing. Pump comes with a built-in infusion set, cannula, and automated inserter.	<p>V-Go 20: 20 units per 24 hours at 0.83 units per hour V-Go 30: 30 units per 24 hours at 1.25 units per hour V-Go 40: 40 units per 24 hours at 1.67 units per hour</p>	2 units per button push with a maximum of 18 boluses per use	No	No	No	Patch pump specifically designed for use in adults with type 2 diabetes. (It is not recommended for people with type 1.) Unlike other pumps, the V-Go delivers insulin with button presses, not electronics. Each patch is used for 24 hours and then disposed of and replaced. Pump is waterproof for up to 3 feet, 3 inches deep for 24 hours, so there's no need to disconnect while swimming or bathing. Does not have data management software.