

insulin pump comparison chart

Pump Company	Insulet		Medtronic	Tandem	Ypsomed
Pump Name	Omnipod DASH 	Omnipod 5 	Medtronic MiniMed® 780G™ 	Tandem t:slim X2™ 	Mylife Loop 
Unique/New Features	• Touch screen Controller • Uses Bluetooth technology • Has a chargeable battery. • Omnipod 5: - Connects to Dexcom G6 and G7 - SmartAdjust technology adjusts basal insulin every 5 minutes - Choice of target BG from 6.1 to 8.3 mmol/L - "My Foods" list for easy carb counting		• SmartGuard™ Auto Mode capability when used with Medtronic's Guardian™ (4) Sensor System adjusts insulin delivery every 5 minutes • You can choose: 5.5, 6.1, 6.7 mmol/L as target instead of just 6.7mmol/L with 770G • Temp target of 8.3 mmol/L vs 8.9mmol/L with 770G • Missed meal detection technology	• Control IQ when used with Dexcom G6 or G7 – pump adjusts insulin delivery based on 30-minute predictions. Also delivers an automatic correction bolus when sensor glucose (SG) is predicted to be above 10 mmol/L in 30mins.	• mylife Loop when used the Dexcom G6 and Android CamAPS FX mobile app • Adaptive and learning algorithm adjusts to your daily schedule • Choose personal glucose target from 4.4-11.0mmol/L • Direct pump control from smartphone
Key Features	• Completely tubeless • Bolus delivery managed from a controller • Automated insertion and priming • Waterproof pod, PDM is not waterproof		• Pump adjusts basal rate based on sensor glucose (SG) reading. • Integrated CGM with Suspend Before Low: insulin delivery automatically suspends 30 mins before reaching your preset low blood sugar level	• Pump automatically suspends insulin if sensor glucose (SG) readings are predicted to drop below 4.4 mmol/L, and resumes as soon as SG begins to rise. • Touch screen • Upgradable via software	• Lightweight and small • Touch screen • Water resistant • Bluetooth communication between app and the pump • Pre-fillable glass reservoir • Uses AAA batteries

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			• Chargeable • Water resistant	
Pump Name	Omnipod DASH/ Omnipod 5	Medtronic MiniMed® 780G™	Tandem t:slim X2™	MyLife Loop
Connection	No tubing	Infusion set & tubing	Infusion set & tubing	Infusion set & tubing
Reservoir size	200 units	300 units	300 units	160 units
Max. bolus	30 units	25 units	25 units (with an option for additional 25 units)	30 units
Integrated CGM available?	Yes for Omnipod 5 (extra cost) Dexcom G6 or G7	Yes (extra cost) Guardian™ Connect	Yes (extra cost) Dexcom G6 or G7	Yes (extra cost) Dexcom G6
Works with BG meter?	Any meter. BGs must be entered manually if not using sensor.	Accucheck Guide Link meter sends BG to the pump wirelessly.	BG must be entered manually unless using Dexcom	BG must be entered manually unless using Dexcom G6
Warranty	5 years Will replace PDM free-of-charge one time if damaged or stolen	4 years CGM Transmitter: 1 year	4 years	5 years
Contact information	1-855-763-4636 www.MyOmniPod.ca	1-866-444-4649 www.medtronicdiabetes.ca	1-833-509-3598 https://www.tandemdiabetes.com/en-ca	1-800-695-5959 https://www.ypsomed-diabetescare.com/en-CA/

All the pumps:

- Have a bolus calculator (except Ypsomed, which uses an app to calculate boluses)
- Allow for multiple basal rates, temporary basal rates and multiple basal patterns
- Have advances bolus features
- Keep track of insulin on board (IOB)