

AID Insulin Pump Comparison Chart

Accessibility note: This information is provided in a table format. If you need it in an alternate format (for example, plain text or large print), request an accessible version. Abbreviations: AID = automated insulin delivery; ADP = Assistive Devices Program (Ontario).

Table 1. Comparison of automated insulin delivery (AID) insulin pump systems (contact, features, compatibility, and estimated costs).

Comparison item	Medtronic MiniMed 780G	Omnipod 5	Tandem t:slim	Ypsomed CamAPS FX
Contact information				
Are there tubes?	Yes	No	Yes	Yes
Which sensor can I use?	Guardian 4	Dexcom G6/G7	Dexcom G6/G7	Dexcom G6, Libre 3 Plus
Is there a phone app?	Yes, to monitor your glucose	No	Yes, iPhone & Android	Yes, iPhone & Android
Is it waterproof?	Yes	Pod is waterproof; controller is not	Watertight	Watertight
How does it charge?	AA battery	USB-C cord	Micro-USB cord	AAA alkaline batteries
How do I upload the data?	Uploads automatically through MiniMed mobile app	Uploads automatically through the controller	Either with provided cord, or with Tandem t:slim mobile app	Uploads through CamAPS FX mobile app
Where does my data go?	CareLink	Glooko	Tandem Source	Glooko or MyLife
Where do I get supplies?		Diabetes Express		

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What are the glucose targets (mmol/L)?	5.5, 6.1, 6.7	6.1, 6.7, 7.2, 7.8, 8.3	6.1	4.4–11.0
Can I use an extended bolus?	Only in Manual Mode	Only in Manual Mode	Yes (available in automation)	In Manual Mode and automation (slowly absorb meal)
What settings can I change to make it work better?	Insulin to carb ratio, glucose target, and insulin action time	Insulin to carb ratio, glucose target, correction factor, and insulin action time	Insulin to carb ratio, correction factor, and insulin action time	Insulin to carb ratio and glucose target
Downloadable upgrades?	Yes	No	Yes	Yes
Estimated monthly supplies cost	\$230–385	\$334	\$222.36–252.68	\$245–255
Estimated out-of-pocket costs (after \$200/month ADP funding)				

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