

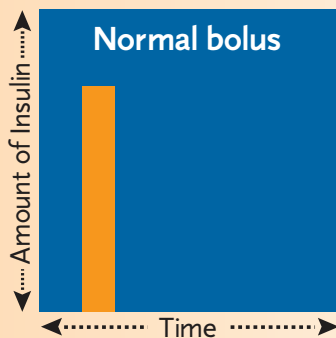
## Flexible Bolus Options MiniMed Paradigm® REAL-Time System

### 3 better ways to time the delivery of your insulin

The MiniMed Paradigm insulin pump has multiple bolus options so that you can more closely match your insulin to the timing and content of your meals. These flexible, yet precise ways to deliver insulin simplify managing your blood glucose after eating, which can be one of the most challenging aspects of diabetes. Now you can press a few buttons and enjoy good control as you snack or treat yourself to your favorite foods.

#### 1 Normal bolus for everyday needs

A **Normal bolus** delivers insulin on demand. This bolus type is the most commonly used option for everyday meals, snacks and blood-glucose corrections. When it's time to eat, you simply program the insulin pump to deliver a specific amount of insulin to cover the carbohydrates in your meal. To lower your blood glucose, you also program the insulin pump to deliver a specific amount of insulin based on your individual needs.



A Normal bolus delivers a specific dose of insulin over a short period of time. This type of bolus works best when you have an immediate need for insulin, such as with everyday meals or to correct high blood glucose.

#### 2 For better timing and more freedom

A **Square Wave bolus** allows you to spread the delivery of an insulin dose over a specified time period. You use it whenever you eat food that may take longer to absorb. For example, foods high in fat or protein may take a few hours to digest, thereby delaying absorption of the carbohydrates. Also, absorption may be delayed because you are snacking – such as at a party or multicourse dinner. With this option, you just anticipate how much you'll be eating and program the insulin pump once. Then, you can enjoy the freedom to eat over a period of hours without stopping for a second bolus dose.



**One-touch access.** Just press the Express Bolus button on the MiniMed Paradigm insulin pump and you immediately access a choice of Bolus options, as well as the Bolus Wizard® calculator.

#### The Bolus Wizard® calculator does the insulin calculations for you

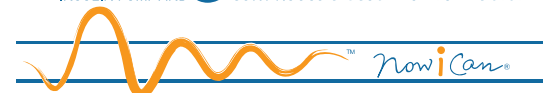
Insulin dosing is now easier than ever. Once you customise the MiniMed Paradigm insulin pump with your personal information, you can use the Bolus Wizard calculator to do the calculation and suggest an insulin amount for you.

#### ESTIMATE DETAILS

Est Total:	3.0U
Food Intake:	45gr
(Meter) BG:	6.0
Food:	3.0U
Correction:	0.0U
Active Ins:	1.0U

**ACT to Proceed**  
**ESC to Back Up**

THE MINIMED  
**Paradigm® REAL-Time**  
 INSULIN PUMP AND CONTINUOUS GLUCOSE MONITORING SYSTEM





# Flexible Bolus Options

## MiniMed Paradigm® REAL-Time System

### Easy bolus feature for rapid or remote delivery

Want extra insulin with even fewer button pushes? The Easy bolus feature allows you to program a bolus without going through the Bolus menu, such as when you're using the remote control.



### Proven to be the most effective for mixed meals

In a recent study, the Dual Wave bolus was found to be the most effective method of insulin administration for high-carbohydrate and high-fat meals. Compared to single- and double-bolus doses, a Dual Wave bolus resulted in lower blood glucose levels even four hours after the meal.\*



A Square Wave bolus extends the delivery of insulin over a longer period of time than a Normal bolus. Extended delivery is helpful when your food takes longer to absorb or if you're eating over a period of hours.

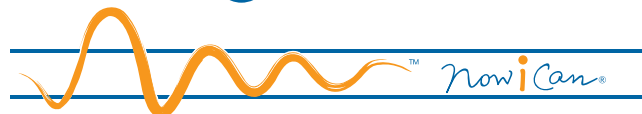
### 3 Simplifies good control with mixed meals

The **Dual Wave bolus** combines a Normal bolus with a Square Wave bolus. This option is helpful when you are eating foods that are quickly absorbed along with foods that take longer to absorb. For example, you may start dinner with a fruit salad, but then eat a few slices of pizza, which contain a lot of fat to delay absorption. The Dual Wave bolus allows you to program a certain percentage of insulin for immediate delivery and the remainder over a period of hours.



A Dual Wave bolus extends the delivery of insulin over a longer period of time. However, it also allows you to deliver a certain percentage of the insulin right away. This helps when you eat "mixed meals" that involve food that absorbs both quickly and slowly.

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You should always seek advice from your medical practitioner to determine your suitability for insulin pump therapy.

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Please visit [www.minimed.com/precautions/pump](http://www.minimed.com/precautions/pump) for complete safety information.

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\*Chase HP, Saib SZ, MacKenzie T, et al. Post-prandial glucose excursions following four methods of bolus insulin administration in subjects with type 1 diabetes. *Diab Med.* 2002;19(4):317-21.

