

# MiniMed Paradigm™ Veo™ System: Factsheet



## MiniMed Paradigm™ Veo™ (554/754) Insulin Pump

*Advanced performance for greater diabetes control*

| Feature                            | Specification  | Benefits  |
|------------------------------------|--|---|
| Medtronic Bolus Wizard™ Calculator | Recommends a bolus dose based on your personal settings, current blood glucose level, food intake and the amount of active insulin in your body. Includes insulin-to-carbohydrate ratio, insulin sensitivity and blood glucose targets | Reduces the risk of human error and complicated diabetes calculations to make dosing easier   |
| Adjustable active insulin curves   | Select between 2 and 8 hours   | The pump considers your active insulin time setting in determining any active insulin still in your body from prior boluses. This may help prevent hypoglycaemia caused by over-correcting for high blood glucose |
| Blood glucose target ranges        | Program BG target ranges into your insulin pump. Recommends correction doses when your blood glucose goes outside the range  | Helps keep your blood glucose levels within your personalised target range by recommending necessary correction doses   |
| High and low blood glucose alerts  | When your insulin pump receives high or low results, it automatically displays helpful management tips   | Help you stay on target for maximum glucose control   |
| Accurate insulin delivery          | Plus or minus 5 percent  | Precise dosing with controlled, steady insulin delivery   |
| Bolus delivery range               | 0.1 to 75.0 units of insulin   | Suitable even for those with high insulin demands or elevated insulin resistance  |
| 3 bolus delivery options           | Normal, Square Wave or Dual Wave   | More closely matches your insulin delivery to the food you eat  |
| Basal rates and patterns           | 3 patterns, 48 rates each  | Set the pattern and rate to match your day's activities   |
| Basal rate range                   | 0.025 to 35.0 units per hour   | Suitable for those requiring very low amounts of basal insulin (e.g. very young children or insulin sensitive users) ranging up to those with high insulin demands or have elevated insulin resistance            |
| Temporary basal rate               | Increase or decrease by percent or set the insulin pump at any rate for 30 minutes, up to 24 hours   | Adjust insulin easily in response to stress, illness, or changes in your activity levels  |
| Blood glucose testing reminders    | Built into your bolus menu; set to remind yourself 30 minutes to 5 hours after eating  | Even if you forget to test your BG level, your insulin pump won't   |
| Memory                             | Approximately 90 days  | Download data to your personal computer; or, for immediate review, view up to 31 days of your personal history on your insulin pump screen  |
| Missed Bolus Reminder              | Program up to 4 reminders per day  | May help avoid hyperglycaemia by warning you when a meal bolus may have been missed   |



## Security features

| Feature               | Specification   | Benefits   |
|-----------------------|---|--|
| Lockable keypad       | Just like a mobile phone, you can lock the buttons to minimise accidental programming | Reduces the risk of unintended programming. Also helpful for parents and caregivers to block children from tampering with settings |
| Save/Restore settings | Save current settings as a backup; restore saved settings if cleared or lost          | Lets you keep your individualised settings for consistent control  |
| Low reservoir alert   | Set up alert automatically in units or time remaining                                 | Keeps track of your insulin usage and tells you when it's time to change your infusion set   |
| Alert modes           | Beep or vibrate   | Vibrate mode adds privacy  |
| Water-resistant       | Protects against splashes or accidental immersion in water (IPX7)                     | Gives you the freedom to live more, worry less   |

## Infusion Sets and Serters

*A complete line of convenient and comfortable sets for REAL reliability*

| Features                           | Specifications   | Benefits   |
|------------------------------------|--|--|
| Medtronic Quick-set™ Infusion Set  | 90 degree angle insertion; at-site disconnection; soft Teflon® cannula; Medtronic Quick-serter™ insertion device                                   | Features built-in adhesive (no over-taping needed) and a "self-capturing" introducer needle for safer disposal after insertion. Available in 2 cannula lengths and 3 tubing lengths  |
| Medtronic Silhouette™ Infusion Set | Variable angle insertion; at-site disconnection; soft Teflon® cannula; Medtronic Sil-serter™ insertion device                                      | Features built-in adhesive (no over-taping needed). Variable angled insertion allows you to choose your individual insertion depth. Available in 2 cannula lengths and tubing lengths  |
| Medtronic Sure-T™ Infusion Set     | 90 degree angle insertion; disconnect feature: tubing disconnects at second site away from infusion site; stainless steel needle; manual insertion | Features built-in adhesive (no over-taping needed). Secondary adhesive site provides extra security against needle dislodgement - designed with young, first-time insulin pump users in mind. It is also suitable for those with Teflon® allergies |





## MiniMed Paradigm™ Veo™ System

*REAL-Time features to further enhance your glucose control*

| Features                            | Specifications   | Benefits   |
|-------------------------------------|--|--|
| Continuous Glucose Monitoring (CGM) | When used in conjunction with a Medtronic MiniLink™ Transmitter and glucose sensor, the insulin pump provides up to 288 glucose readings per day and displays trend graphs | CGM enables you to identify glucose trends and make appropriate adjustments to your lifestyle or treatment. This may help to prevent or minimise low and high glucose levels |
| Low Glucose Suspend (LGS)*          | Automatically suspends insulin infusion for 2 hours if glucose levels fall below a specific limit and no action is taken   | Minimises the risk of severe hypoglycaemic excursions  |
| Predictive alerts*                  | Alerts you when glucose levels are likely to cross a high or low limit   | Your reaction to this alert may help to avoid potential hypo- or hyperglycaemic excursions   |
| Rate of change alerts*              | Alerts you when glucose levels are rapidly rising or falling   | Your reaction to this alert may help avoid hypo- or hyperglycaemic excursions  |
| Trend arrows*                       | Reveals how fast and in which direction glucose has moved over the past 20 minutes   | You can be aware of your glucose level trend at a glance and this may help avoid hypo- or hyperglycaemia   |

\* Requires the addition of an optional Medtronic MiniLink™ Transmitter and glucose sensor to your MiniMed Paradigm™ Veo™ Insulin Pump

## Medtronic MiniLink™ REAL-Time Transmitter

*Wireless communication gives you REAL flexibility and comfort*

| Features  | Specifications   | Benefits   |
|---|--|--|
| Small   | 3.6 x 2.8 x 0.9 centimetres  | Small and discreet   |
| Lightweight   | 5.4 grams  | Comfortable to wear  |
| Ergonomically shaped  | Rounded, no sharp edges  | Won't tug, pull or pinch with movement                           |
| Thin profile  | Approximately 0.9 centimetres thick  | Easy to hide under clothing                                      |
| Wireless communication gives you REAL flexibility and comfort | Receives and processes signals from the glucose sensor and sends glucose values to the insulin pump through radio frequency (RF) | Provides flexibility to place in different locations of the body |
| Waterproof  | Waterproof to a depth of 2.4 metres for 30 minutes (IPX8)  | Can be worn while swimming, bathing or showering                 |
| Rechargeable  | A 30 minute recharge lasts up to six days of continuous use. A full recharge lasts up to 14 days of continuous use               | Allows for long-term use and convenience                         |

## Glucose Sensor

*REAL insights help you take action sooner for better glucose control*

| Features       | Specifications  | Benefits   |
|----------------|---|--|
| Glucose Sensor | Tiny electrode inserted through the skin, usually in the stomach area. The sensor sends an electronic signal measuring the amount of glucose in your blood. Each sensor should only be worn for a maximum of 6 days | Measures your glucose levels continuously, as an addition to fingerstick measurements. Displays up to 288 glucose readings a day. Numerous studies have demonstrated the accuracy of the sensor <sup>1</sup> |
| Calibration    | Calibrate your Paradigm™ Veo™ System at least once every 12 hours. Also, make sure you always confirm with a fingerstick before making any adjustments in your therapy  | Calibration is simple and easy to do   |



## Medtronic CareLink® Software for Diabetes Management

Data management for you and your healthcare team

| Features  | Specifications  | Benefits  |
|---|---|---|
| On-board data management  | The Paradigm™ Veo™ System will show basic statistics including glucose levels (based on fingersticks and continuous glucose monitoring), insulin delivered, bolus details and the number of boluses delivered, viewable by individual day or as an average of up to 31 days | Delivers personalised information to help you and your healthcare team make informed treatment decisions  |
| Medtronic CareLink® Personal Therapy Management Software for Diabetes | FREE Web-based system transforms data from your insulin pump, glucose sensor (if applicable), blood glucose meters, and logbook into meaningful treatment information that you and your healthcare provider can use to manage your diabetes                                 | Helps you and your healthcare team to effectively maximise your therapy by identifying patterns and problems through chart, graph and table formats |

## Medtronic Support

By your side every step of the way

| Features      | Specifications  | Benefits  |
|---------------|---|---|
| Education     | Training with a Certified Product Trainer, visit our website ( <a href="http://www.medtronic-diabetes.com.au">www.medtronic-diabetes.com.au</a> ) for online tutorials or subscribe to our quarterly magazine | Smooth transition from multiple daily injections to insulin pump therapy and CGM                              |
| Live helpline | 24 hours, 365 days product support  | Answers to questions around the clock   |
| Warranty      | 4 years, including a 30-day money-back guarantee  | Your investment is protected  |
| Experience    | More than 25 years of leadership from the pioneer in insulin pump therapy and continuous glucose monitoring   | Trust the performance of your insulin pump and the support you'll get from the leader in insulin pump therapy |



MiniLink™ Transmitter and Continuous Glucose Sensor



Paradigm™ Veo™ Insulin Pump



Medtronic CareLink® Therapy Management Software

## 3 Exceptional Components 1 Unparalleled Diabetes Management System



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

### References:

1. An evaluation of six-day subcutaneous glucose sensor performance in subjects with type 1 diabetes mellitus. Medtronic Diabetes. September 2008.

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