

Hybrid Closed-Loop

# MiniMed<sup>®</sup> 670G / 770G\*

## What does Auto Mode (AM) do?

Automatically delivers BASAL INSULIN, aiming for a target of 120 mg/dl.

Calculates basal insulin using CGM glucose value, rate glucose levels are changing, and total daily insulin amount to estimate basal insulin delivery.

## When will it revert to Manual Mode (MM) or regular pump mode?

System will exit to MM (regular pump mode) if prolonged high BGs, if delivering max or min insulin for period of time, or if concerns with CGM, and user will need to start AM again.

User should revert to MM if ketones, or wanting to use temporary basal rates (e.g. illness).

## Which CGM does it use?

The Enlite Sensor 3: System must be calibrated 2-4 times per day. BG still needed for insulin dosing decisions.

## How can I use it best?

You can still adjust your I:C ratios and active insulin time in AM, but you cannot adjust basal rates or correction factors (sensitivities).

I:C ratios may need to be made more aggressive when starting the system.

Follow system prompts (e.g. "Enter BG") to stay in AM as much as possible, but do not calibrate every time you enter a BG.

Calibrate sensor when glucose levels are stable (before meals, bedtime, or when no sensor trend arrows).



670G



770G\*

## TIPS FOR ALL AUTOMATED INSULIN DELIVERY SYSTEMS

- 1** Systems will work best if you use it as directed — tricking the system may lead to more high and low glucose levels.
- 2** Expect that glucose levels may not change as quickly as you expect. For example, it may take longer for high glucose levels to come down than if you would like. But system will overall improve glucose control if you let it work as intended.
- 3** Bolus for all carbohydrates and also give correction doses if having high glucose levels. Bolus before carbohydrates are eaten for the best blood sugar control around meals.
- 4** Consider treating low glucose with 5-10 grams of carbohydrate — the system will have likely been suspending insulin to prevent lows, so less carbs may be needed.
- 5** If persistent high glucose levels, CHECK ketones and suspect infusion set failure, just like a regular pump.

\*NOTE: 770G has Bluetooth<sup>®</sup> capabilities (not part of 670G) that allow for: communications with a smartphone app; continuous data upload to Carelink; and remote software upgrades