

# Kaleido's tech specs

Want to know what we're capable of?  
Here's all the insider details...

## The Kaleido® system

Size	Pump: 12.5 x 50 x 35mm Handset: 9 x 107 x 50mm
Weight	Pump: 19g Handset: 60g
Battery	Rechargeable lithium polymer batteries in pumps and handsets
Colours	Ten to choose from - two for your pump and one for your handset! Red, Orange, Green, Turquoise, Blue, Purple, Pink, Black, Gold and Silver
Handset interface	2.4 inch, 76800 pixel, colour screen
Data	Memory for up to 90 days of data, 8 days displayed on handset Data can be uploaded to Glooko+diasend®
Warranty	4 years
Waterproof	Pumps are certified IP68, waterproof up to 1m for up to 1 hour Handsets and charging docks must be kept dry at all times

## Insulin delivery

Insulin	Our 200 unit insulin cartridges are compatible with Humalog® and NovoRapid®
Basal	<ul style="list-style-type: none"><li>• 7 easy-to-set-up basal profiles</li><li>• 24, one-hourly segments in each profile</li><li>• Basal rates from 0.05 U/hr up to 5.00 U/hr in increments of 0.05 units</li><li>• Temporary basal rates from 0% to 200% of current rate, for up to 24 hours</li></ul>
Bolus	<ul style="list-style-type: none"><li>• Quick Bolus: From 0.05 units to 30 units</li><li>• Extended Bolus: From 0.05 units to 30 units, with a minimum of 0.05 units delivered immediately. The remainder delivered over an extended period of 0.5 to 9.5 hours, in increments of 0.5 hours</li></ul>
Kaleidoculator	<ul style="list-style-type: none"><li>• Insulin activity from 2-8 hours in 0.5 hour increments</li><li>• 24 adjustable insulin to carb ratios</li><li>• 24 adjustable insulin to BG ratios</li><li>• Insulin on Board calculated using a linear decay that includes all boluses</li></ul>

## Safety features

Alerts	Low pump or handset battery, low insulin cartridge, insulin cartridge close to expiry, device error
Alarms	Empty pump or handset battery, empty insulin cartridge, insulin cartridge expired, insulin blockage, device error
Lock Screen	Set a handset passcode that must be entered correctly to unlock your handset whenever it's switched on or woken up
Medic Message	Save important details on your handset to share with others in an emergency