


NEW

Reinventing freedom

Kaleido with DBLG2 now controlled
from your smartphone.



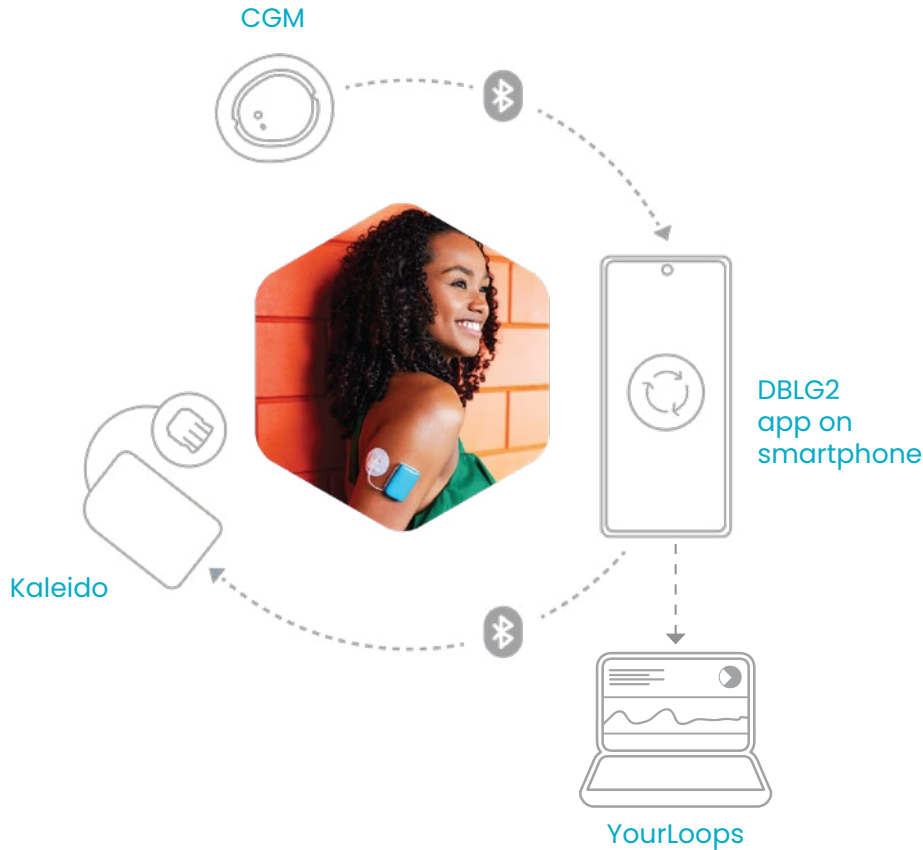


Live life on your own terms

Kaleido is the smallest, lightest, most precise patch pump in its class. And you can now control it directly from your smartphone! Kaleido offers its users the opportunity to turn their freedom up to the max, and bring infinite possibilities to their life with diabetes.

Kaleido can be worn on your body or in your pocket. Sounds good, right? And there's more! Spend more time in range with Kaleido, meaning fewer decisions to make with our Hybrid Closed Loop system, powered by Kaleido and Diabeloop's DBLG2. More importantly, you can enjoy the moments that matter, undisturbed!

So, how does it work?



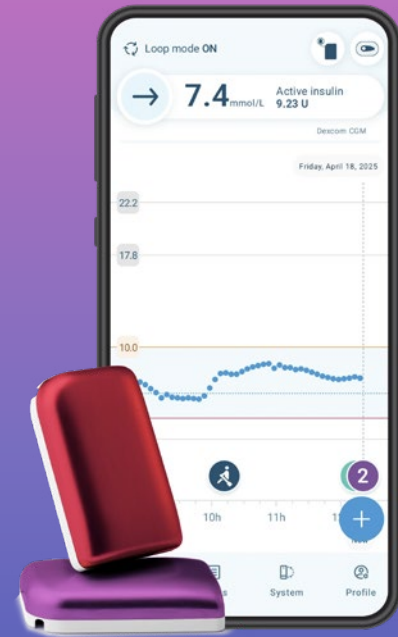
The Hybrid Closed Loop system consists of the **Kaleido insulin pump**, the **DBLG2** algorithm from Diabeloop, controlled from the user's smartphone and a **CGM**.

The DBLG2 algorithm relies on real-time glucose data, personalized parameters and self-learning to adjust Kaleido's basal rate or to deliver a corrective bolus, for an optimized management for people living with type 1 diabetes. The algorithm takes into account your current and previous glucose levels, along with your meals and activities (recorded by you) to determine the amount of insulin delivered.

DBLG2 automatically sends data to the cloud-based service **YourLoops**. You and your healthcare professional can access your data 24/7 via the cloud. It's so simple.

A pump and algorithm that fit your life – not the other way around

- Experience more **time within range**¹: With a Hybrid Closed Loop system you have less decisions to make, you will have more time for the things that put a smile on your face.
- **It's personal**: Choose to wear the pump on your body or in your pocket. Kaleido is now controlled from your smartphone, giving you the freedom and flexibility to make the decisions that suit you and the life you want. And there are 10 colour combinations to choose from!
- **Diabetes management that suits you**: Kaleido with DBLG2 gives you the ability to set personal targets that work for you². When you're exercising, socialising, working or relaxing at home, the DBLG2 algorithm helps you stay on track.



¹Compared to the standard therapy in this study; Benhamou P-Y, Adenis A, Lablanche S, et al. First Generation of a Modular Interoperable Closed-Loop System for Automated Insulin Delivery in Patients With Type 1 Diabetes: Lessons From Trials and Real-Life Data. *Journal of Diabetes Science and Technology*. 2023;0(0). doi:10.1177/193229682311186976

²Always in consultation with your healthcare provider.

4 simple steps to get started

- Body weight
- Total Daily Dose (TDD)
- Typical meals grams of carbs
- Safety basal rate

The DBLG2 algorithm requires just four settings to be entered. At set-up, you'll enter your **body weight**, your **total daily insulin dose (TDD)**, the **typical grams of carbs** you eat at each meal and your **safety basal rate**, which is a safety mechanism, with support from your healthcare professional.

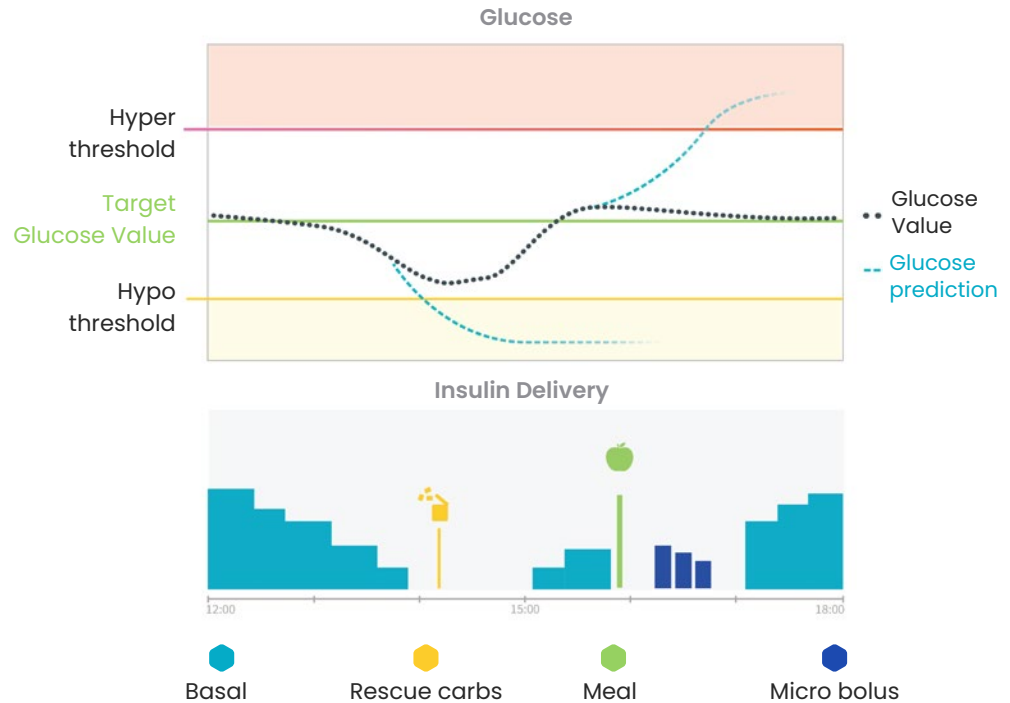
With Kaleido, DBGL2 you don't need to provide complex calculations. There's no need to figure out your meal ratio, your insulin sensitivity correction factor or your insulin action curve. We already have everything we need for an easy start!







A self-learning algorithm

Every 5 minutes, the self-learning algorithm analyses millions of data points have been historically gathered and its predictions for a few hours ahead. The algorithm considers the initial settings, CGM data, and reported meals and activity to adjust and maintain your personalized glucose target.

If the algorithm predicts possible hypoglycaemia, it counteracts this by suspending its insulin supply and if necessary recommending quantified rescue carbs. Depending on the predicted glucose progression, the algorithm adjusts its dosing strategy using either basal rate or micro-bolus.



Designed for you, so you can live life on your own terms

 Physical Activity	Move freely with Physical Activity management: Choose from 29 predefined activities or select a generic anaerobic, aerobic or mixed activity. The algorithm will automatically adjust insulin delivery
 Meal management	Enjoy every meal using Meal management: Bolus delivery based on the declared meal type, size and time. The algorithm learns from your patterns.
 Night Mode	Wake up rested, not worried with Night mode: Night mode reduces alerts at night to avoid unnecessary disturbances.
 ZEN Mode	Focus when needed with ZEN-mode: it reduces the risk of hypoglycemia by raising your target glucose level in demanding situations, such as a long car journey or an office meeting



Show it off or keep it discreet!

Your life is an adventure, and you need different battle suits. With Kaleido's insulin patch pump jumping between everyday denim, a classy suit, or workout gear and a fancy gala dress is no problem! Controlled wireless via your smartphone, you don't need to lift your shirt or dress. And as Kaleido comes in cool colours, is light and small and does not look like a medical device, you can also use it as an accessory that gives your outfit the final spark.

What is your
next **adventure?**

Incredibly small and perfectly formed

We don't see why medical devices need to look so... medical. Kaleido is a pump to be proud of!

But it's your diabetes, so whether you want to keep Kaleido on show or conceal it under your clothes, you'll be comfortable, confident and ready to go about your day (and night!). No hassle.




Limit the waste, live more sustainably

The way Kaleido is built is unique and beneficial to the environment. Kaleido comes with **2 reusable pumps**.

Kaleido is modular, do you need to change your infusion set? No problem! Need to change your cartridge? It's easy. You can easily replace parts of the system whenever it's convenient for you*.

**Replace your consumables at least every three days.*





“Using Kaleido with DBLG2 gives me real peace of mind in everyday life, with fewer decisions to make and diabetes management feeling much easier. Together with the small insulin patch pump, it offers the comfort and convenience I need every day.”

**Yoeri Rol,
Kaleido user**

Make it **personal!**

Kaleidoers are a wonderfully diverse group of people, all with different routines and lifestyles. And hey, that's cool – variety is the spice of life, right? Choose your favourite colour combination and make it personal!

Illustrations may differ from the actual product



Fancy Flamingo
Pink and lime



Lavender Grove
Silver and Purple



Fearless
Purple and Red



Candy Cane
Red and Silver



Gatsby
Blue and Gold



Ocean
Turquoise and Blue



Pumpkin Spice
Orange and Red



Cheetah
Gold and Black



Hummingbird
Lime and Turquoise



Black Magic
Black and Silver

Technical Deep Dive

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

Kaleido and DBLG2

Dimensions	Pump: 50 mm x 35 mm x 12.5 mm
Weight	Pump: 19 g Charging dock pump: 13 g
Batteries	Pump: 260 mAh rechargeable lithium polymer
Colours	10 colour combinations
Memory	The system memory is retained for 30 days following switch off and direct upload to YourLoops within covered area's
Warranty	4 years
Ingress protection	Pump: IP68 (dustproof and waterproof up to 1.5 m for 1 hour)
Infusion set	6 mm and 9 mm infusion set cannula for single use only, up to 3 days

Insulin cartridge

- Our 200 unit insulin cartridges are compatible with Humalog® and NovoRapid® U-100 rapid-acting insulin. Cartridges are for single use only available with two tube lengths: 5 cm or 30 cm

Therapy settings and technical information

Basal	<ul style="list-style-type: none">• Auto-learning basal profile based on your input at setup• 24 one-hourly segments in safety basal profile• Minimum basal rate: 0.05 U/hr - Maximum basal rate: 5 U/hr - Basal rate increments: 0.05 U
Meals and Bolus	<ul style="list-style-type: none">• Meals, choose between preset meal sizes (small, medium and large) or entry of carbs• Option to announce high fat meals, where insulin delivery will be extended• Micro bolus for corrections• Manual correction boluses possible• External bolus announcement: bolus by pen, bolus inject using another pump• The algorithm advises you rescue carbs when running low• Minimum bolus dosage: 0.05 units - Maximum bolus dosage: 30 units - Bolus dosage increments: 0.05 units
Aggressiveness	<ul style="list-style-type: none">• Change in normoglycaemia to 60% to 150% conditional change in basal insulin delivery• Change in hyperglycaemia to 40% to 190% conditional change in corrective bolus delivery• Change in breakfast, lunch and dinner to 50% to 200% conditional change in meal bolus delivery

More technical information

Indications	<ul style="list-style-type: none">• Kaleido with the DBLG2, issued on a medical prescription, is intended for adults with type 1 diabetes who are more than 18 years of age• The Total Daily Dose required must be less than 90 units• Body weight between 35 and 150 kg• The Kaleido with DBLG2 is indicated for use with 100 U/mL rapid-acting insulin analog (Humalog® or Novorapid®)
Adjustable glucose thresholds	<ul style="list-style-type: none">• Target glucose levels within the range of 5.6 mmol/L and 7.2 mmol/L or 100 mg/dL and 130 mg/dL• Hyperglycemia possible threshold range: 9.4 to 12.2 mmol/L or 170 mg/dL to 220 mg/dL• Hypoglycemia possible threshold range: 3.3 to 4.7 mmol/L or 60 mg/dL to 85 mg/dL
Modes	<ul style="list-style-type: none">• Zen Mode is designed to reduce the risk of hypoglycemia in specific situations, due to a target glucose set higher than the standard target. Zen mode can be set from 1 to 8 hours• Physical Activity, triggers a temporary change in target glucose level and hypo threshold depending on announced workout duration, type and intensity. Select your physical activity from a list of 29 options. If your activity isn't listed, choose between anaerobic, aerobic, or mixed.• Night Mode reduces alerts at night to avoid unnecessary disturbances. It delays the alarm when no glucose reading has been received, disables the alarm when loop mode failed to start and lowers your personal rescue carbs alert.

Kaleido declaration

The Kaleido product is intended for continuous subcutaneous delivery of insulin at set and variable rates for the management of diabetes mellitus in adult persons requiring insulin as prescribed by a physician. The Kaleido product requires a prescription. Kaleido has CE certification and is available to all participating countries.

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Please be reminded that the User Manual for the medical device serves as the primary document for ensuring the safe operation of the system.

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Want to get in touch? Great!

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