

ACCU-CHEK® Solo

Roche

GOODBYE DAILY INJECTIONS HELLO MICROPUMP

The **Accu-Check Solo** micropump system is a tube-free, detachable micropump that helps you manage your diabetes - and welcome more freedom into your life.



ACCU-CHEK®

Thinking about getting an insulin pump?

Deciding whether pump therapy is right for you can be a long and challenging process. After all, it is a very personal journey.

Pump or not? And, if so, which one? We know that some decisions don't come easy.

Get to know the Accu-Chek Solo micropump, discover our additional services and tools, and get the information you need to make your choice.

ARE YOU READY?



6.1^{CM}
HEIGHT

actual size



DEPTH
1.3^{CM}

3.8^{CM}
WIDTH

HELLO FREEDOM

Bolus anytime - anywhere.

Undoubtedly, living with diabetes comes with a set of demands and challenges. And life can be demanding enough already. That's why we've designed the Accu-Chek Solo micropump to put control at your fingertips. It gives you two possibilities of delivering your bolus: you can use the diabetes manager or – if you don't have the remote with you – simply use the quick bolus buttons right on the pump to administer your insulin.

Customisable increments
(0.2 – 2.0 units per press)

1.5 ^{INSULIN} U

1.0
0.5

Quick Bolus
button >



< Quick Bolus
button

MICRO PUMP

Tube-free, small and lightweight so you hardly know it's there.

One of the main reasons some people shy away from a regular insulin pump is the simple fact that it is connected with tubing that might get in the way.

The Accu-Chek Solo micropump is different.

The small lightweight pump is tube-free and lives by your rules: easily placed on different infusion sites and detachable when necessary.



INFUSION ASSEMBLY & PUMP HOLDER

Lasts up to 3 days

Infusion assembly is attached to the body and holds the pump

Two different **cannula lengths** (6 and 9 mm) with different insertion depths



RESERVOIR

On average 4 days

Transparency allows you to see the insulin level and detect air bubbles while filling

Reservoir with capacity for up to 200 units of U100 insulins



PUMP BASE

120-day lifetime

Integrated **Quick Bolus buttons** can be customised in increments from 0.2 – 2.0 units per press

MEET OUR MODULAR SOLUTION

Minimising disposables to avoid unnecessary waste.

The Accu-Chek Solo micropump system consists of three components that let you replace just what you need to, only when you need to. This means not only less wasted pump parts, but saving more insulin and batteries, too.

The Accu-Chek Solo infusion assembly:

- Is attached to the body and holds the micropump
- Delivers insulin continuously via the cannula integrated in the infusion assembly
- Lets you detach and re-attach the pump without wasting insulin
- Needs to be changed every 2-3 days
- Is available in two different cannula lengths to fit your personal needs

YOUR LIFE, YOUR CHOICE

A micropump system made for your way of living.

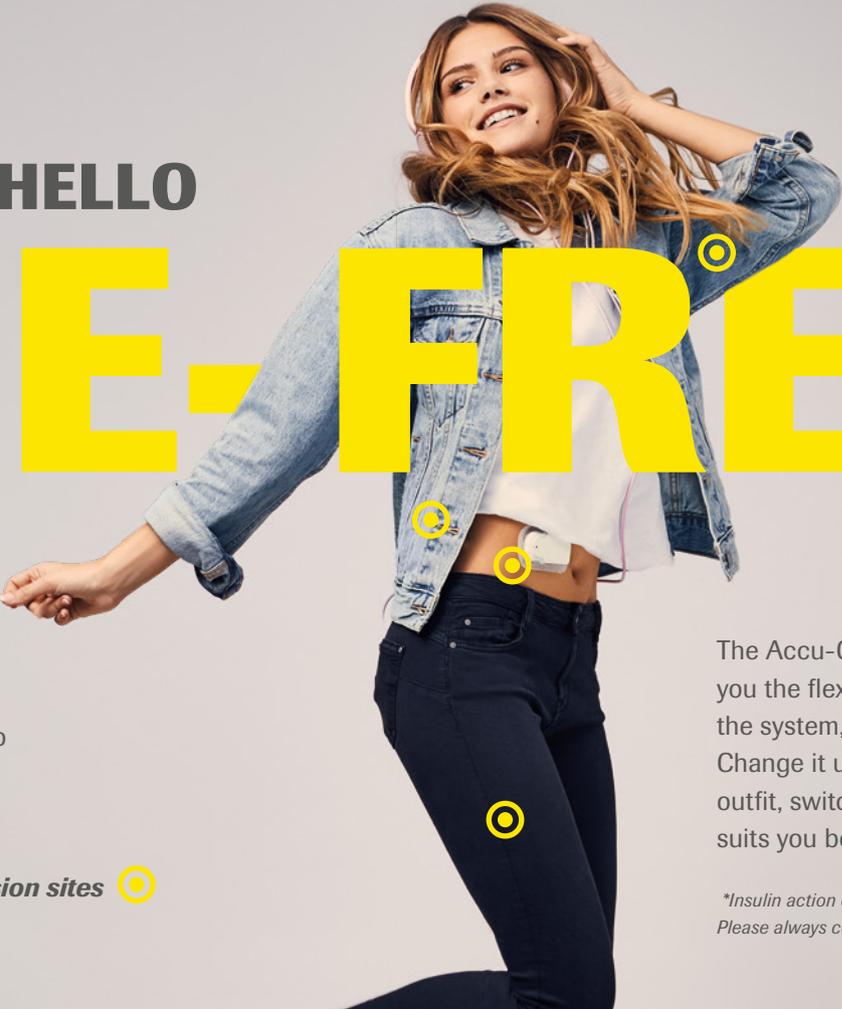
While your life might be completely different to the life of other people with diabetes: Getting your blood glucose under control and keeping you in a safe target range is the main goal of every successful diabetes therapy.¹ This is why we are always working to adjust diabetes management to your life. Not the other way around.

Your Life. Your Choice.



GOODBYE TANGLED, HELLO

TUBE-FREE



**Enjoy more freedom,
and less to worry about.**

No getting twisted or tangled with a tube that can get in the way – the pump attaches directly to your body and is so small and lightweight you almost forget it's there.*

Possible infusion sites 

The Accu-Chek Solo micropump also gives you the flexibility to choose where to place the system, from four possible body zones. Change it up based on your mood, or your outfit, switch sides, or hide it away, whatever suits you best.

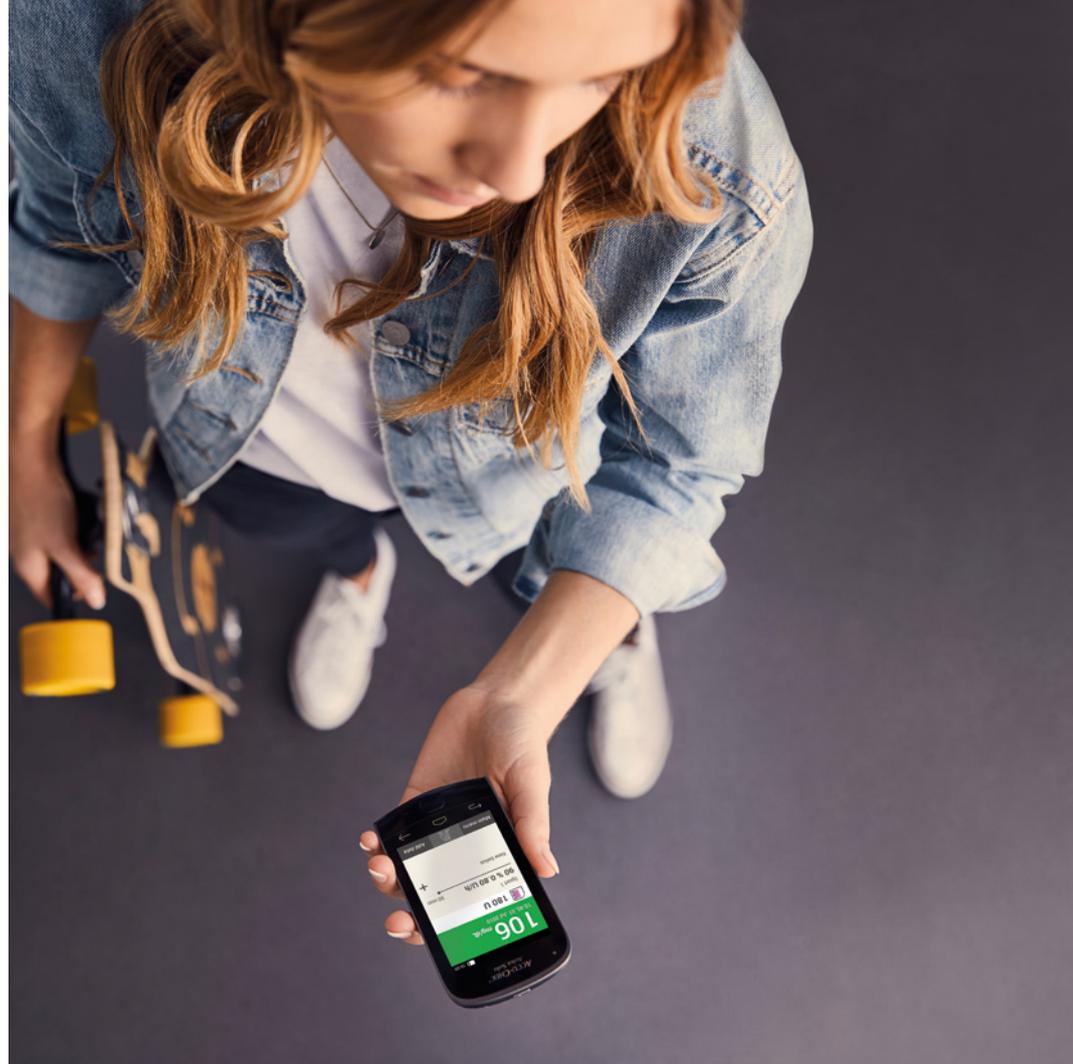
**Insulin action can differ between body zones.
Please always consider this when you switch zones.*

WELCOME TO DISCREET THERAPY ANYWHERE

Letting you decide what the day brings.

Planning to go out dancing, doing some sports or meeting you new date? The modular design of the Accu-Chek Solo micropump lets you decide where to place it.

One advantage of having a choice when it comes to infusion sites is the fact that each of them can bring different benefits. If you are physically active for example, the lower back might be a good place due to the minimised risk of accidentally pulling out the pump. If you just want to hide it away, the upper arm might be your site of choice.



TIME FOR A BREAK?

DETACH & RE-ATTACH

...with a twist!

With our Accu-Chek Solo micropump system we offer you flexibility and control: helping to bring out the best in you, while managing your diabetes.

You want to take it off? No problem. Just detach, get on with your life and re-attach the micropump later. Please remember, however, to ensure an adequate insulin substitution method when you are not wearing the pump.



SAY GOODBYE TO **UNNECESSARY WASTE**

Only replace what's needed

With the Accu-Chek Solo micropump system, you can change your infusion sites without wasting insulin or the micropump itself. Just detach the micropump, change the infusion assembly and re-attach. Instead of approximately five injections per day you only have to have one insertion when changing the infusion sites every two or three days.

The transparent reservoir can last for up to 4 days before it needs to be replaced - saving unused insulin from being discarded. And the pump base only needs to be changed 3 times a year - about every 120 days.



PERFECT FOR EVERY DAY

From Monday to Sunday. At day and at night.

Sleeping in on a lazy Sunday or just getting on with your daily business: We've got you covered. With the Accu-Chek Solo micropump system you are not tied to a fixed injection schedule.

The micropump provides you with personalised insulin delivery 24/7 thanks to five different basal rate profiles, enabling you to adapt your insulin needs to your daily routines: e.g. working all day vs. relaxing in bed with a book.

You can also activate a temporary basal rate to adjust your insulin delivery if you are doing sports, experiencing stress, or not feeling well.



SAY HELLO TO YOUR NEW ASSISTANT

An all-in-one micropump system with diabetes manager including open bolus advice.

Starting a temporary basal rate or calculating a bolus can seem difficult, but don't worry, with the Accu-Chek Solo micropump system you are not alone. It comes with a diabetes manager that offers open bolus advice – helping you do the maths.

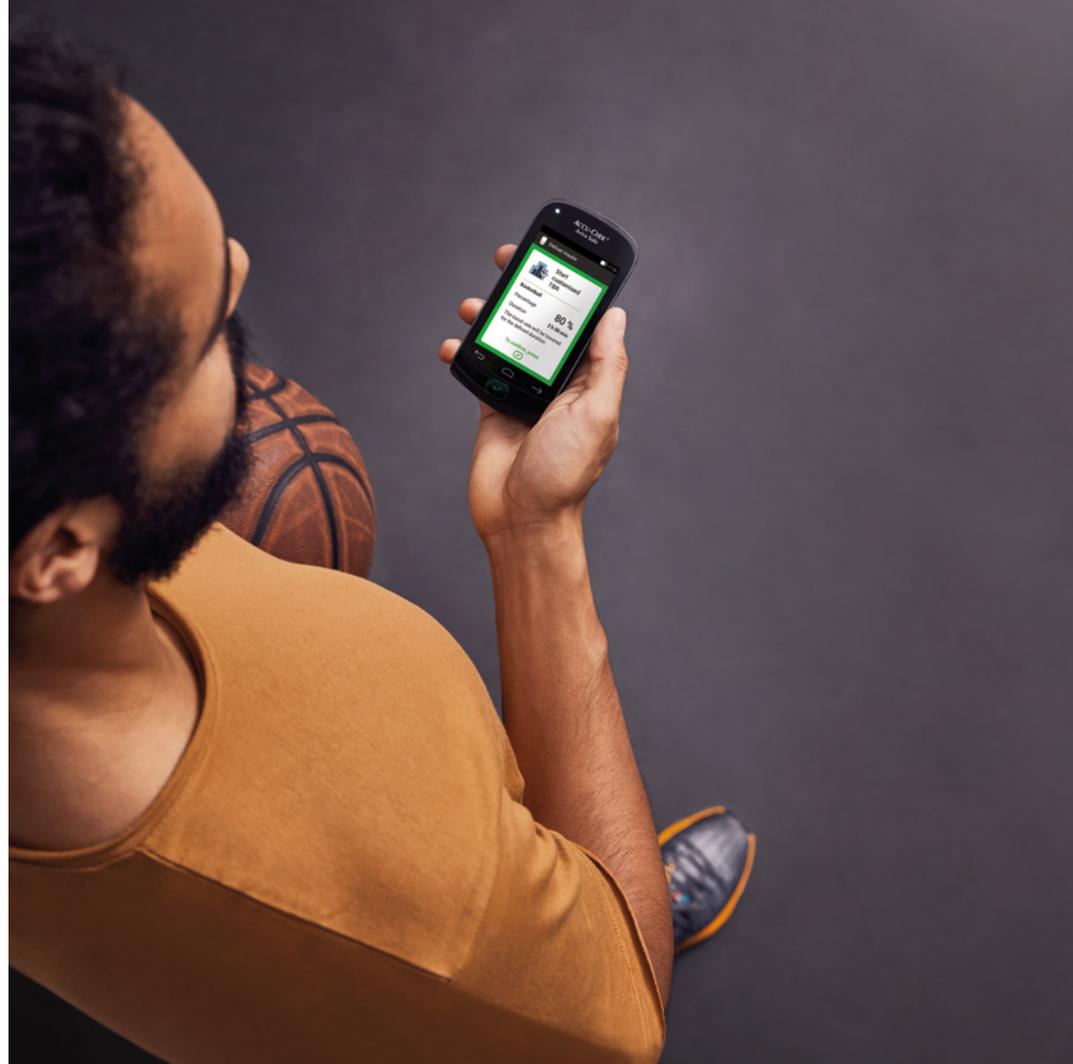
For us, all-in-one means a micropump system that helps you check your blood glucose values and cover your insulin needs while at the same time recording diabetes-relevant data that you need to optimise your therapy. The open bolus advice feature allows for combined therapy along with an insulin-dosing approved CGM or FGM device of your choice.



WAVE GOODBYE TO DAILY **INJECTIONS**

The benefits of pump therapy compared to pen therapy

- **Helps control your diabetes better than MDI¹**
- **Helps prevent low blood glucose levels and severe excursions²**
- **You choose how your day goes²⁻⁷**
Enjoy more flexibility in your life -now you can decide when you want to eat, sleep in, travel, or exercise, with less planning compared to the therapy with multiple daily injections.
- **More flexible insulin delivery than MDI²**
- **Smaller increments for insulin dosages offer a more precise insulin delivery than MDI.**
- **Just one infusion site change every three days**
- **Ability to extend bolus delivery time for slow digestive meals**
- **Integrated data storage of insulin delivery and blood glucose values**



FEATURES THAT MAKE THE **DIFFERENCE**

The Accu-Chek Solo micropump

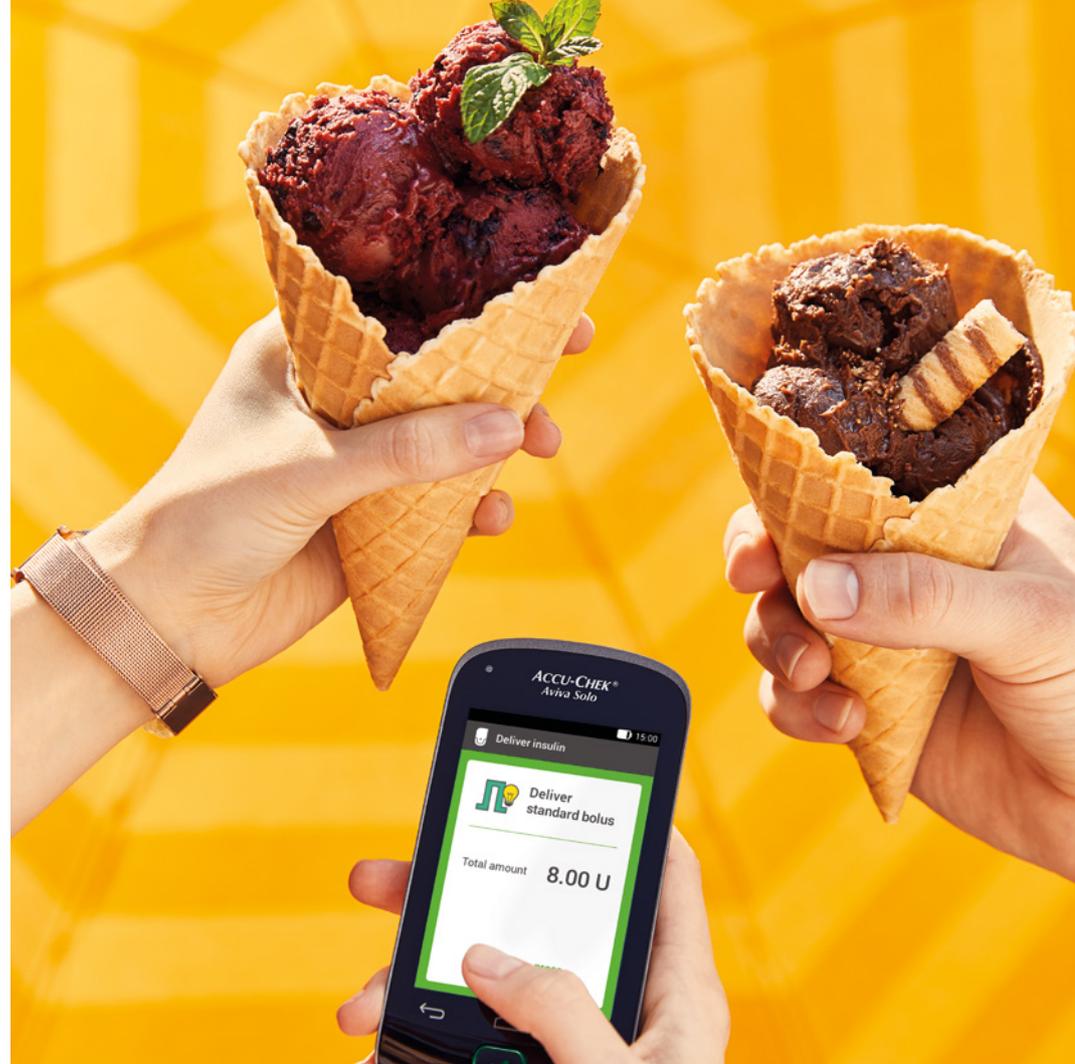
- Tube-free, small and lightweight
- Modular design allows to detach and re-attach the micropump
- Reusable pump base
- Quick Bolus buttons for bolus delivery directly on the pump
- Reservoir with capacity for up to 200 units
- Transparent reservoir enables checking the insulin level during filling and later on can help get rid of air bubbles
- Two different cannula lengths, with different insertion depths, to fit the needs of your body



FEATURES THAT MAKE THE **DIFFERENCE**

The Accu-Chek Solo diabetes manager

- Direct access to key features via the status screen
- Integrated and illuminated Accu-Chek Aviva test strip port for blood glucose monitoring
- Clinically proven bolus advice¹⁻²
- Three bolus types
- Five basal profiles
- Five customisable temporary basal rates
- MDI-Mode to switch to pen temporarily, without losing important data
- Colored touch screen with PIN/keylock
- Customisable alerts and reminders
- Open bolus calculator allows for use along with an insulin dosing approved CGM/FGM or BGM of your choice
- Little onboard help videos to refresh the training



YOU'RE WELCOME TO **MORE**

Further information is just a click away.

The Accu-Chek Academy is the online source for training, learning and answers you might be seeking.

Everything in one place.

The Accu-Chek Academy provides you and your healthcare professionals with information you need for your initial training, and helps you deepen your knowledge with easy, intuitive, and entertaining e-Learning modules. You can even keep track of your progress and get awards if you are doing well!

You will gain access to the Accu-Chek Academy with the purchase of your Accu-Chek Solo micropump system.



ARE YOU READY?

Time to say goodbye to daily injections, and hello to the Accu-Chek Solo micropump system. Want more detailed information?

It's easy to get the conversation started – just contact your diabetes team to get detailed product information about the Accu-Chek Solo micropump system or reach out to Accu-Chek Customer Service.

Sources:

- 1) Nathan DM, Cleary PA, et al. Intensive diabetes treatment and cardiovascular disease in patients with type 1 diabetes. *New England Journal of Medicine*. 2005;353(25):2643-2653.
- 2) Benkhadra K, Alahdab F, Tamhane SU, McCoy RG, Prokop LJ, Murad MH. Continuous subcutaneous insulin infusion versus multiple daily injections in individuals with type 1 diabetes: a systematic review and meta-analysis. *Endocrine*. 2016
- 3) HbA1c: Benkhadra 2016
Ketoacidosis, Hypo: Karges 2017
- 4) Karges B, Schwandt A, Heidtmann B, et al. Association of insulin pump therapy vs insulin injection therapy with severe hypoglycemia, ketoacidosis, and glycemic control among children, adolescents, and young adults with type 1 diabetes. *JAMA*. 2017;318(14):1358-66.
- 5) Pickup J, Mattock M, et al. Glycaemic control with continuous subcutaneous insulin infusion compared with intensive insulin injections in patients with type 1 diabetes: meta-analysis of randomised controlled trials. *Bmj*. 2002 Mar 23;324(7339):705.
- 6) Jeitler K, Horvath K, et al. Continuous subcutaneous insulin infusion versus multiple daily insulin injections in patients with diabetes mellitus: systematic review and meta-analysis. *Diabetologia*. 2008 Jun;51(6):941-951.
- 7) Johnson SR, Cooper MN, et al. Long-term outcome of insulin pump therapy in children with type 1 diabetes assessed in a large population-based case-control study. *Diabetologia*. 2013 Nov;56(11):2392-2400.
- 8) Steineck I, Cederholm J, et al. Insulin pump therapy, multiple daily injections, and cardiovascular mortality in 18,168 people with type 1 diabetes: observational study. *Bmj*. 2015 Jun 22;350:h3234.
- 9) Zisser H, Wagner R, et al. Clinical performance of three bolus calculators in subjects with type 1 diabetes mellitus: a head-to-head-to-head comparison. *Diabetes Technology & Therapeutics*. 2010;12(12):955-961.
- 10) Schmidt S, Meldgaard M, et al. Use of an Automated Bolus Calculator in MDI-Treated Type 1 Diabetes: the BolusCal Study, a Randomised Controlled Pilot Study. *Diabetes Care*. 2012;35(5):984 – 990.
- 11) Ziegler R, Cavan DA, et al. Use of an insulin bolus advisor improves glycemic control in multiple daily insulin injection (MDI) therapy patients with suboptimal glycemic control: first results from the ABACUS trial. *Diabetes Care*. 2013 Nov;36(11):3613-3619.



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