



## GOODBYE DAILY INJECTIONS HELLO MICROPUMP

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

ACCU-CHEK* Guide Solo D 0 0 0
1060,01 Jan 2020
Profile 1 0.90 U/h
Extended bolus 4.80 U 25 min New Bolus
Mein menu 🙍 Add dat

### 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?





## **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.

(0.2 – 2.0 units per press)

**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 with different insertion depths (6 and 9 mm)

RESERVOIR Lasts up to 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 Lifetime up to 6 months

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

press

system means:

12% reduction in CO<sub>2</sub> emissions

\*Compared to other tube-free insulin pump systems examined.1

## MEET OUR MODULAR SOLUTION

#### Hello necessary change.

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 wasting less pump parts, but saving more insulin and batteries, too.\*

#### Goodbye excess waste.

Manage your diabetes while reducing your environmental footprint by discarding only what needs replacing, when it needs replacing – never the entire micropump. One full year using the Accu-Chek Solo micropump





More recyclable parts than other tube-free pumps

c	-	_
L		
L	_	_
Ŀ		_
Ŀ	_	_
Ŀ	_	_
L		_

75% less battery waste

# 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.<sup>2</sup> This is why we are always working to adjust diabetes management to your life. Not the other way around.



### **GOODBYE TANGLED, HELLO**

### **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.

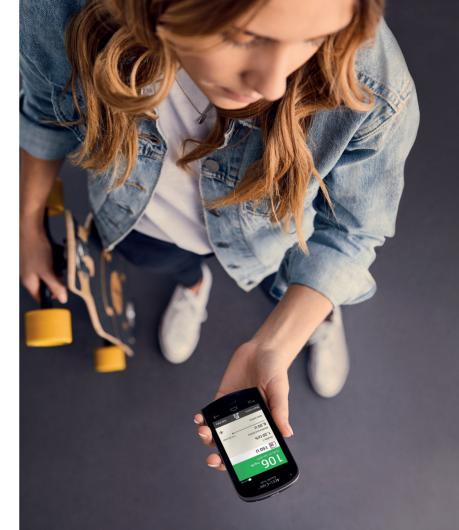
 $\odot$ 

## WELCOME TO DISCREET THERAPY ANYWHERE

Letting you decide what the day brings.

Planning to go out dancing, doing some sports or meeting your 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 just want to hide it away, for example, the upper arm might be your site of choice.



## TIME FOR A BREAK? DETACH& RE-ALACH

#### ...with a twist!

With the 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.

## SUSTAINABLE CHOICE

#### Only replace what's needed.

The Accu-Chek Solo micropump system not only helps you manage your diabetes better, but also contributes to reducing your environmental footprint.<sup>1</sup> The modular design means that you don't throw away or dispose of the entire micropump, but only the parts that need changing.

The transparent reservoir can last for up to 4 days and can be replaced independently from the pump holder – saving unused insulin from being discarded. Plus, the pump base only needs to be changed 2 times a year – about every 6 months.



## ACCURACY YOU CAN TRUST

#### From Monday to Sunday. All day and all 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 accurate<sup>3,4</sup>, 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

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.



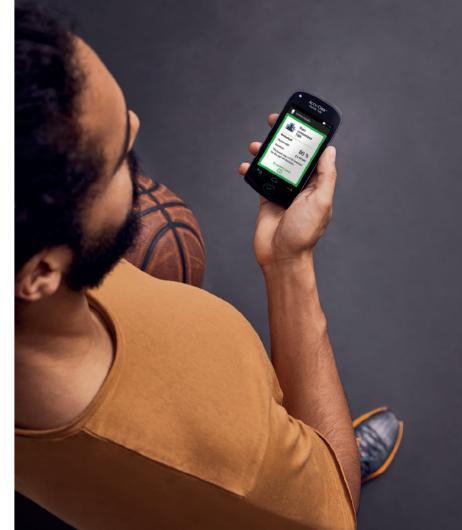
## WAVE GOODBYE TO DAILY

The benefits of pump therapy compared to pen therapy

- Helps control your diabetes better than MDI<sup>5-10, 13</sup>
- Can help reduce severe hypoglycaemic excursions<sup>5-9, 11</sup>
- You choose how your day goes<sup>6, 8, 12</sup>

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 MDI<sup>6, 8, 12</sup>
- Smaller increments can be programmed with the Accu-Chek Solo micropump system than with insulin pens used for MDI therapy
- 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
- Open bolus calculator allows you to manually enter glucose values from insulin dosing approved CGM/FGM systems or blood glucose meters of your choice
- Integrated and illuminated Accu-Chek Guide test strip port for blood glucose monitoring
- Test strip ejector button
- MDI mode to switch to pen temporarily, without losing important data
- · Little onboard help videos to refresh the training
- 3 different bolus types, 5 basal rates + customisable temporary basal rates



## YOU'RE WELCOME TO **MORE**

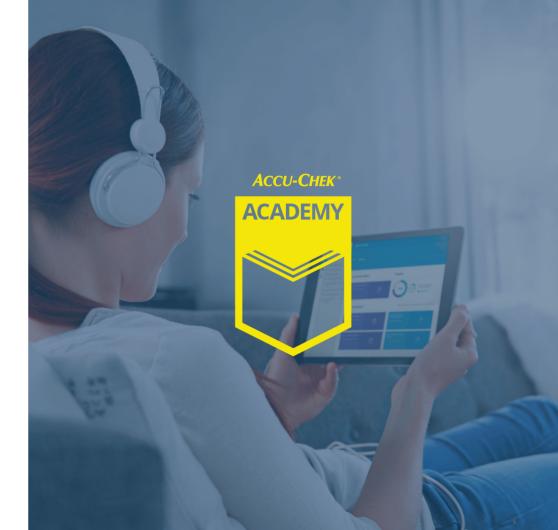
### Further information is just a click away.

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 and entertaining e-Learning modules. You can even keep track of your progress and get awards if you do 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. IWARU. Data on file (2020)

2. American Diabetes Association. 'Glycemic Targets: Standards of Medical Care in Diabetes-2020.' Diabetes Care 43(Suppl 1): S66-S76 (2020).

3. Ziegler R., et al. 'Evaluation of the Accuracy of Current Tubeless Pumps for Continuous Subcutaneous Insulin Infusion.' Diabetes Technol Ther. 2021 May;23(5):350-357. doi: 10.1089/dia.2020.0525. Epub 2020 Dec 22. Erratum in: Diabetes Technol Ther. 2021 Oct;23(10):726. PMID: 33210949; PMCID: PMC8080918.

4. Ziegler, R., et al. 'Insulin Delivery with Patch Pumps: Bolus Accuracy.' Poster Presentation at 13th International Conference on Advanced Technologies & Treatments for Diabetes (ATTD), Madrid, Spain (2020).

 Benkhadra, K., Alahdab, F., Tamhane, S.U., McCoy, R.G., Prokop, L.J., Murad, M.H. 'Continuous subcutaneous insulin infusion versus multiple daily injections in individuals with type 1 diabetes: a systematic review and meta-analysis.' Endocrine 2017; 55(1): 77-84.

6. Bode, B. W., et al. 'Diabetes management in the new millennium using insulin pump therapy.' Diabetes Metab Res Rev 18 Suppl 1: S14-20 (2002).

7. 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.

8. Johnson, S.R., Cooper, M.N., 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.

 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.

 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;224(7339):705.

11. Kapellen, T. M., et al. 'Indications for insulin pump therapy in different age groups: an analysis of 1,567 children and adolescents.' Diabet Med 24(8): 836-842 (2007).

12. Mesbah NI., et al. 'Experiences of Adults Using Continuous Subcutaneous Insulin Infusion: A Qualitative Study. Med Princ Pract.' 2020;29(3):255-261. doi: 10.1159/000503705. Epub 2019 Sep 27. PMID: 31557759; PMCID: PMC7315212

13. Mader, J. K., et al. 'First results from PRO Solo: patient reported outcomes from a clinical trial comparing a new patch pump with MDI and an established patch pump.' Poster presentation at 56th EASD Annual Meeting (2020).

ACCU-CHEK, ACCU-CHEK GUIDE and ACCU-CHEK SOLO are trademarks of Roche. All other product names and trademarks are the property of their respective owners. © 2023 Roche Diabetes Care



Roche Diabetes Care GmbH Sandhofer Str. 116 D-68305 Mannheim, Germany