

User's Manual

Accu-Chek Solo micropump system



DRAFT (US) 08-MAY-2020

I am a **person with diabetes** being treated with insulin. The insulin is delivered to my body by a micropump. If I am confused or unconscious, please do the following:

- Call 911.
- If I am able to swallow, give me sugar immediately, for example, juice.
- Remove the micropump from my body.

SOS

Emergency card

Name

Address

Phone

In case of emergency, please contact:

Name

Phone

Important information

- You can call up important handling steps for the micropump system as a video via the **Help**  function on the diabetes manager.
- If the diabetes manager does not work, recharge the battery using the supplied charger or connect the USB cable to a PC.
- For more information, refer to the printed User's Manual of the micropump system or visit accu-check.com. From this website, you can download the User's Manual as a PDF file.
- You can contact the Accu-Chek Customer Care Service Center by calling 1-800-688-4578.

My notes

Delivering a bolus with the micropump



1. Press and hold both quick bolus buttons for approximately 3 seconds.
2. Simultaneously press both quick bolus buttons repeatedly until the desired insulin amount is reached. Check the (number of) tones.
3. Simultaneously press both quick bolus buttons to confirm the insulin delivery.

Setting the quick bolus increment

The quick bolus increment is set to 0.2 U by factory default.

The quick bolus increment I have set is U.

You can change the quick bolus increment here:

Main menu > Settings > Bolus settings

Medical certificate

This is to certify that

Name _____

Date of birth _____

has DIABETES MELLITUS.

She/He relies on a regular supply of insulin from the Accu-Chek Solo micropump, which she/he wears on her/his body.

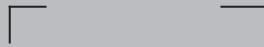
Place and date _____

Healthcare professional name _____

Phone _____ Fax _____

Healthcare professional signature _____

Stamp



Approved/listed/registered under the product name:
Accu-Chek Solo micropump system

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Matrix
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ACCU-CHEK®

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About this User's Manual

Read this User's Manual carefully before using your Accu-Chek® Solo micropump system for the first time. This User's Manual provides you with the information you need to safely operate the micropump system. In addition, this User's Manual provides you with the information you need for maintenance and troubleshooting. You must be familiar with the displays on the screen, the signals of the diabetes manager and micropump as well as the functionality and characteristics of the system components, in order to be able to use the micropump system properly and reliably.

This User's Manual is intended for people with diabetes, their caregivers, for parents whose children have diabetes as well as for healthcare professionals. This User's Manual is your first source of information for the micropump system or in case of any problems using it.

If you have any questions, contact the Accu-Chek Customer Care Service Center. For more information, see chapter 18.5 *Accu-Chek Customer Care Service Center*.

Also consult the instructions for use enclosed with the components of the Accu-Chek Solo micropump system.

The following information is highlighted in a special way:

WARNING

A warning must be heeded because it indicates a risk of injury or of damage to your health or the health of others. Not heeding the warnings can lead to life-threatening situations.

Note

A note contains helpful information and tips to help you get the most out of using the micropump system.

Example

An example shows you how a feature could be used in an everyday situation. Note that medical- or therapy-related details are provided for illustration purposes only, and are not intended to match your personal medical needs.

To help you fully benefit from the micropump system, a distinction between **basic** and **advanced** is made with regard to the various features and properties.

Chapters highlighted in **blue** refer to features that are required to be able to use the micropump system. Read these chapters before using the Accu-Chek Solo micropump system.

Chapters highlighted in **purple** refer to features that are recommended for successful therapy and for fully benefiting from the micropump system. Read these chapters before using the respective features.

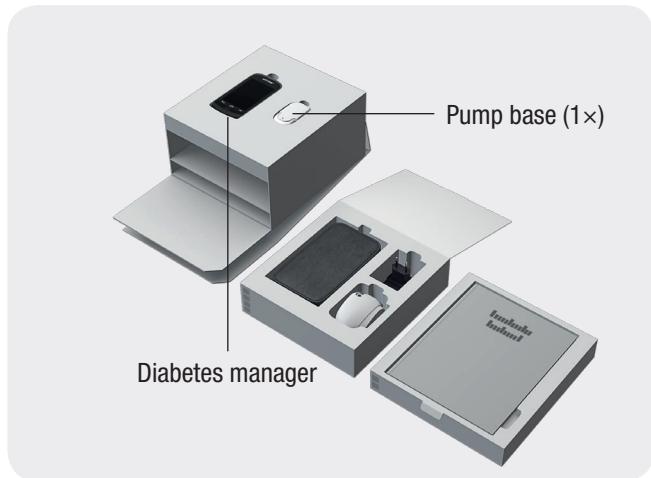
The following abbreviations are used in this User's Manual:

- ▶ *Blood glucose* is shortened to BG.
- ▶ *Temporary basal rate* is shortened to TBR.
- ▶ For more abbreviations, see chapter *17 Symbols, Abbreviations, Signals*.

Scope of delivery

The scope of delivery includes the following components:

- ▶ Accu-Chek Solo pump base (1×)
- ▶ Accu-Chek Guide Solo diabetes manager (1×)
- ▶ Rechargeable battery for Accu-Chek Guide Solo diabetes manager (1×)
- ▶ Accu-Chek Solo insertion device (1×)
- ▶ Charger with plug (1×)
- ▶ USB cable (1×)
- ▶ Accu-Chek Solo carry case (1×)
- ▶ Instructions for use
- ▶ Envelope containing PIN unlock code and pump key



Consumables

Only use consumables and accessories from Roche.

Not included, but necessary for using the micropump system:

- ▶ Accu-Chek Solo reservoir assembly
- ▶ Accu-Chek Solo cannula assembly & pump holder
- ▶ For using the blood glucose meter in the Diabetes Manager:
Accu-Chek Guide test strips and Accu-Chek Guide control solution

Note

- ▶ Order a new pump base in time before the operating life of the first pump base expires so that you always have one in reserve.
- ▶ Make sure you have a second pump holder and a second reservoir available so that you have replacements if needed.
- ▶ Keep the PIN unlock code and the pump key in a safe place to protect them against misuse.

1

What is the Purpose of the Micropump System?

1.1 Intended Use

The Accu-Chek Solo micropump system is a prescription medical device intended for the subcutaneous, continuous delivery of rapid-acting U100 insulin with variable delivery quantities and for the quantitative determination of blood glucose in fresh capillary blood.

The micropump system is intended to be used by people with insulin-dependent diabetes mellitus. It is intended for personal use only and may only be used by one and the same person. The micropump system may only be used after having been prescribed by a healthcare professional.

The micropump system can be used by people with diabetes either on their own or with the support of a healthcare professional or a trained individual. It is intended for people with diabetes who are at least 2 years of age.

Therapy using the micropump system may only be started after completion of the required training from a qualified instructor. Children and vulnerable persons should only use the micropump system with the support of a trained adult.

The micropump system can support you in calculating the recommended insulin or carbohydrate amounts based on your blood glucose values and your personal data. The micropump system can measure your blood glucose values, record and represent the delivered insulin amounts and the consumed carbohydrate amounts, as well as collect and display information for evaluation purposes.

The micropump system can be used with the following U100 insulin types: Humalog®, NovoLog®, Apidra® or Fiasp®. The exact insulin type for treating your diabetes mellitus will be prescribed by your healthcare professional. Consult the package insert.

1.2 Contraindications

The micropump system should not be used by children under 2 years of age or by people who regularly require less than 0.1 U/h of basal insulin. It is the responsibility of the healthcare professional to decide whether the accuracy of the delivery rate is adequate for the patient in question.

Your healthcare professional must decide whether insulin pump therapy is suitable for the treatment of your diabetes mellitus.

Continuous Subcutaneous Insulin Infusion (CSII) with the micropump system is not recommended or only recommended with limitations for the following groups of people:

- ▶ People who are not able or willing to either perform at least 4 blood glucose tests per day or use a continuous glucose monitoring (CGM) system reliably.
- ▶ People who are not able to be in regular contact with their healthcare professional.
- ▶ People who do not understand what is required for insulin pump therapy or who are not able to follow the instructions for use of the micropump system.
- ▶ People who cannot be relied upon due to drug addiction, substance abuse or mental illness.
- ▶ People who are exposed to high ambient temperatures on a regular basis. For more information, see chapter 16 *Technical*

Data.

- ▶ People with skin that does not tolerate adhesive pads.
- ▶ People who often experience a cannula occlusion.
- ▶ People who are not able to notice alarms because of physical limitations.

1.3 Risks and Benefits

Talk to your healthcare professional about the benefits and potential risks that are associated with using the micropump system.

To ensure that insulin pump therapy is safe and successful, you must actively take part in your therapy, test your blood glucose values regularly and monitor the functions of the micropump regularly.

In case of improper use of the micropump system or non-compliance with your healthcare professional's instructions, you risk experiencing, for example, hypoglycemia, hyperglycemia, ketoacidosis or infections of the infusion site. Follow the treatment plan you agreed on with your healthcare professional as well as the setting for basal rate profiles and bolus advice defined therein.

1.4 General Warnings



WARNING

- ▶ **The micropump system may only be used by a single person for insulin therapy.**

All objects which can come into contact with human blood carry a potential risk of infection. There is a risk of infections being transmitted if the same micropump system is used by other people, even by family members, or if healthcare professionals use the same micropump system for insulin therapy or blood glucose tests for different people.

- ▶ Only use the micropump to deliver rapid-acting U100 insulin.
- ▶ Use sterile consumables only once and only if the use by date has not expired and the related sterile packaging is not damaged.
- ▶ Used components, such as cannulas, cannula assemblies, and lancets, that come into contact with blood or bodily fluids carry a risk of infection. Dispose of used system components according to local regulations (See chapter 18.7 for further information on the correct disposal of the components of the micropump system).
- ▶ Do not change your therapy without consulting your healthcare professional first.



WARNING

- ▶ Check your blood glucose level at least four times a day.
- ▶ Check your blood glucose level more than four times a day if your insulin sensitivity is high.
- ▶ If the micropump has been subjected to mechanical shocks (e.g. during sports by a punch or a ball), check your blood glucose level at least once within 1 to 3 hours.
- ▶ Keep all parts of the micropump system away from small children and vulnerable persons. There is a risk of suffocation if small parts are swallowed.
- ▶ Keep pointed or sharp-edged parts away from small children and vulnerable persons. There is a risk of injury.
- ▶ Use or store the micropump system only within the permitted ambient conditions. Otherwise, you risk malfunctions of the micropump system, incorrect test results and over-delivery or under-delivery of insulin.



WARNING

► **Risk of hypoglycemia (low blood glucose level) or hyperglycemia (high blood glucose level)**

Do not expose the micropump system to extreme acceleration forces. High g-forces occur for example during rides on a roller coaster.

In these cases, first remove the micropump from the body.

► Do not use the micropump system close to strong electromagnetic fields or ionizing radiation. Strong electromagnetic fields, for example, from radar or antenna installations, sources of high voltage or X-Ray, magnetic resonance and computed tomography could interfere with the micropump system. Stop the micropump and remove it from your body before you enter areas with electromagnetic or ionizing radiation.

► Maintain a distance of at least 12 inches between the micropump system and portable High Frequency (HF) communication devices. Portable and mobile HF communication devices (e.g. *Bluetooth* device, mobile phone) may impair the micropump and the diabetes manager.



WARNING

► Never attempt to repair or modify the micropump system yourself. Otherwise, you risk malfunctions of the micropump system, incorrect test results and over-delivery or under-delivery of insulin.

► Do not use the diabetes manager if the screen is damaged or defective.

► The correct functioning of your Accu-Chek Solo micropump system can only be guaranteed if you use accessories, including software and apps available in the United States, designated for use with the Accu-Chek Solo micropump system by Roche.

Note

Before starting the insulin pump therapy, find out where and how you can obtain alternative therapy supplies (for example, a blood glucose meter or pen) at short notice in case the micropump system does not function properly.

1.5 Components of the Micropump System

The Accu-Chek Solo micropump system is a system that primarily consists of a tubeless micropump and a diabetes manager, which serves as a remote control. The interactive displays on the diabetes manager screen, help you to make individual settings and control the micropump.

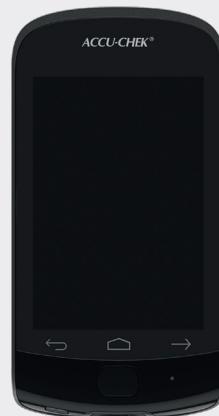
Accu-Chek Solo pump base

The Accu-Chek Solo pump base is part of the micropump. It contains the mechanical parts as well as the electronics to control and monitor the operation of the pump.



Accu-Chek Guide Solo diabetes manager

The Accu-Chek Guide Solo diabetes manager is used to configure and control the micropump. It has an LCD screen and communicates with the micropump via *Bluetooth*® wireless technology. The diabetes manager can display important system messages such as information, warnings, maintenance and error messages.



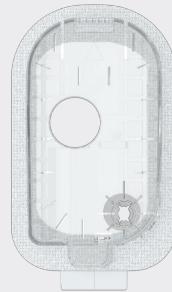
Accu-Chek Solo reservoir

The Accu-Chek Solo reservoir is the second part of the micropump in addition to the pump base. The reservoir is a sterile container for holding the insulin that the micropump delivers to the body. The reservoir contains a battery that acts as an energy source for the micropump.



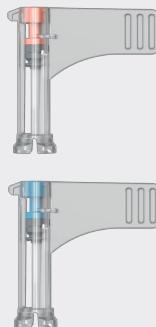
Accu-Chek Solo pump holder

The Accu-Chek Solo pump holder is an adhesive pad that is adhered to the skin to fix the cannula in place. It also holds the micropump in place.



Accu-Chek Solo cannula assembly

The Accu-Chek Solo cannula assembly consists of the cannula casing and the sterile cannula. It creates a connection between the micropump and the body. The Accu-Chek Solo cannula assembly is available with cannula lengths of 6 mm (orange) or 9 mm (blue).



Accu-Chek Solo insertion device

The Accu-Chek Solo insertion device is used to attach the infusion assembly (pump holder and cannula) to the body and insert the cannula into the subcutaneous tissue.



1.6 Characteristics of the Micropump System

Tubeless insulin pump

- ▶ Small, light and removable micropump (approx. 1 oz)
- ▶ Transparent reservoir (up to 200 U), usable for up to 4 days
- ▶ Soft Teflon® cannula with a length of 6 mm or 9 mm
- ▶ Can be worn at different sites directly on the body
- ▶ Filling aid for easy and controlled filling
- ▶ Can be used with rapid-acting U100 insulin from different manufacturers

Convenient handling with the help of the diabetes manager

- ▶ Control of the micropump system via touchscreen and *Bluetooth* wireless technology
- ▶ Direct access to important features, such as bolus, basal rates, and blood glucose values, via the status screen
- ▶ Preview of therapy and system events by means of the information screen
- ▶ Adjustable language selection for user menus

Customized bolus and basal features

- ▶ Bolus delivery (up to 50 U) with diabetes manager or programmable directly on the micropump
- ▶ Selectable bolus types: standard, extended, multiwave
- ▶ Basal rates from 0.1 U per hour up to 25 U per hour
- ▶ 5 basal rate profiles for different daily routines
- ▶ Temporary basal rates from 0 to 250%
- ▶ Functional support when temporarily using an insulin syringe or pen

Support for therapy decisions

- ▶ Built-in bolus advice feature
- ▶ Visual representation of therapy trends and logbook features
- ▶ Interface to common data management software of different providers on the PC

Assisted setup and application

- ▶ Micropump system is set up using a setup wizard
- ▶ Guided setup of basal rate profiles and bolus advice feature
- ▶ Guided replacement of system components
- ▶ Videos explaining action steps on the diabetes manager

Comfort and safety features

- ▶ Built-in blood glucose meter in the diabetes manager
- ▶ Optional entry of blood glucose results that were measured with other blood glucose meters or continuous glucose monitors
- ▶ Illumination for test strip slot and test strip
- ▶ Rechargeable battery in the diabetes manager
- ▶ Optional key lock with PIN
- ▶ Programmable volume setting and vibration mode for different environments
- ▶ Built-in self-tests and automatic detection of malfunctions
- ▶ Information before maintenance is required

1.7 Using the Micropump System in Daily Life

The micropump system is intended to be used continuously, every day in any everyday situation. There are only a few situations in which it is necessary to pay special attention to the system or remove the micropump in order to protect it. Use the micropump system only if it is functioning properly and does not show any signs of damage. Always have alternative therapy supplies at hand for your own safety.

Note

- ▶ Check at regular intervals whether the micropump system has visible or tangible signs of damage. This applies in particular if the system components were dropped or were exposed to particular mechanical stress.
- ▶ Check the micropump system for damages or leaks if you notice the scent of insulin.
- ▶ Do not use any consumables that are damaged or were dropped.

Showering, bathing, swimming, diving

Protect the diabetes manager from moisture and water. The micropump is splashproof, but it must not be immersed in liquids. Therefore, remove the micropump from the pump holder before taking a shower or bath, diving or going for a swim.

Exercise

You can wear the micropump during a variety of physical activities. Do not wear the pump for sports that involve frequent, high-impact bodily contact, such as martial arts, football or hockey. The micropump could suffer damage by being hit or kicked or if it is hit by a ball.

Sleeping

Place the diabetes manager within reach so that you can hear reminders and system messages. We recommend that you recharge the diabetes manager when you go to bed.

Temperature

Do not expose the micropump to direct sunlight, UV radiation or heat. The operating temperature of the micropump is between +41 °F and +104 °F. At temperatures outside this range, the insulin contained in the reservoir could be rendered ineffective. There may also be damage to the micropump system.

Note

Protect the micropump and consumables from sunlight and heat. If the micropump has been exposed to sunlight or heat, check your blood glucose.

Air pressure and altitude

Rapid and significant changes in air pressure or temperature can influence insulin delivery, especially if there are air bubbles in the reservoir. Such changes may occur, for example, when you are on an airplane (especially during take-off and landing) or if you engage in a sport such as hang-gliding.

In such cases, do the following: Remove any air bubbles from the reservoir and test your blood glucose at frequent intervals. If in doubt, remove the micropump and change to an alternative therapy method.

Do not use the micropump system at an air pressure below 70 kPa. This corresponds to an altitude of up to 9842 feet above sea level. Do not use the supplied charger in altitudes above 6561 feet above sea level.

Traveling and flights

Before traveling, ask your healthcare professional about any special preparations you need to make. Take sufficient supplies with you for blood glucose testing and for your insulin pump therapy (consumables, test strips, insulin and so on), and find out where you can obtain supplies while you are travelling.

We recommend that you always have the quick reference instructions and emergency card (SOS) with you, which can be detached from the cover of this User's Manual.

Some airlines do not permit the use of wireless radio devices during flight. In these situations you can activate flight mode. Flight mode enables the micropump system to comply with these regulations.

Communication between micropump and diabetes manager

For wireless communication between the micropump and the diabetes manager, it is not necessary for the devices to be right next to each other. Obstacles, such as walls or furniture, between the pump and the diabetes manager can reduce or interrupt the communication range.

When communication is interrupted, a message is displayed on the screen. For more information, see chapter *15 Messages and Troubleshooting*. Communication is automatically re-established when the cause of the interruption no longer exists. As long as communication between the micropump and the diabetes manager is interrupted, new data is saved on the respective device. Once communication between the diabetes manager and the pump has been re-established, the micropump automatically transfers your pump data to the diabetes manager.

2 Getting to Know the Micropump System

2.1 Diabetes Manager Overview

The Accu-Chek Guide Solo diabetes manager is a remote control with an integrated blood glucose meter that is used to control the micropump. The diabetes manager supports you in your diabetes treatment and is only suitable for self-testing.

The diabetes manager has a colored LCD touchscreen. You can use the diabetes manager to program the delivery of basal insulin and boluses. The diabetes manager can calculate bolus advice tailored to your individual needs and situations. The diabetes manager communicates with the micropump using *Bluetooth* wireless technology. It transmits commands to and receives data from the micropump and saves the data for insulin delivery in the electronic logbook.

Note

- ▶ Always have the diabetes manager with you.
- ▶ A rechargeable battery supplies power to the diabetes manager. Charge the battery on a regular basis.
- ▶ If the environment you are in has a high noise level, or if the diabetes manager is in a bag, you may not hear the system messages. Set the signal mode to a setting that is loud enough, and pay attention to the displays and signals on the diabetes manager to make sure that the micropump system is functioning properly.

Getting to Know the Micropump System



	Name	Description
1	Power button	Turns the diabetes manager on or off.
2	Lanyard eyelet	Used to attach a lanyard.
3	Headphone port	Port for connecting passive headphones.
4	LED	LED to signalize error, maintenance and warning messages as well as reminders.
5	Micro USB cable	Port for connecting the USB cable (micro-B plug) in order to recharge the battery or establish a connection to a PC.
6	Screen	LCD touchscreen for calling up the diabetes manager menus and displaying information.
7	Function buttons	Buttons for operating context-sensitive functions.
8	Navigation buttons	Navigation controls for moving between menus and process steps.
9	Insulin button	Button for confirming a previously set insulin delivery.
10	Test strip slot	For inserting test strips for blood glucose tests and control tests.
11	Eject button	Button for ejecting the test strips.
12	Camera	Used to scan the pairing code on the pump base to pair the micropump and the diabetes manager.
13	Battery door	Removable cover for the battery compartment.

Note

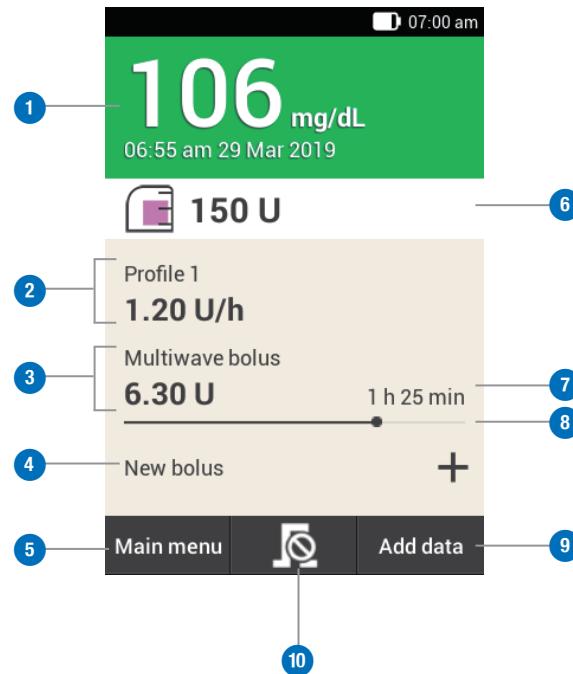
- ▶ Only use the headphone port for connecting passive headphones, i.e. headphones without their own power supply.
- ▶ Close the cover of the headphone port after use.

2.2 Status Screen

2.2.1 Overview

On the Status screen, you can see the most important, current and most common therapy information on blood glucose result, basal rate, ongoing boluses and reservoir level at a glance. You can access other information and menus from the Status screen.

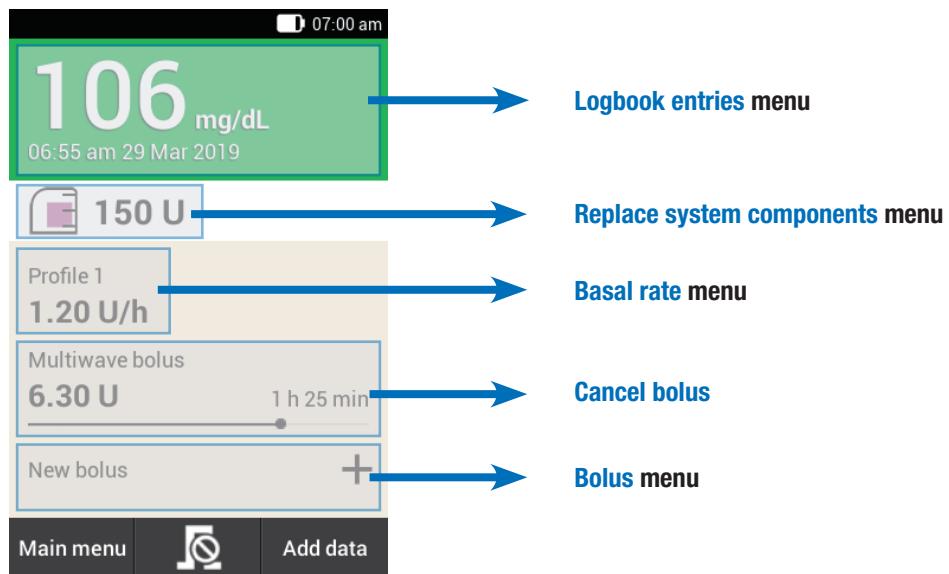
Depending on the situation (for example, whether you are using pump therapy or injection therapy), other content and symbols will be displayed.



	Name	Description
1	Blood glucose result	Shows the most recent blood glucose result with the time and date of the test. The background color indicates whether the test result falls within the target range. For more information, see chapter 5.1.5 <i>Color Coding of Test Results</i> .
2	Basal rate	Shows the selected basal rate profile with the current basal rate. If a temporary basal rate is active, the corresponding percentage is also displayed.
3	Bolus	Shows the active bolus type and the remaining insulin units.
4	New bolus	Tap New bolus or + to program a new bolus.
5	Main menu	Tap this button to display the main menu.
6	Reservoir level	Shows how many insulin units are in the reservoir.
7	Remaining bolus time	Shows the amount of time remaining of an extended or multiwave bolus.
8	Bolus progress bar	Shows the amount and duration of the active bolus in the form of a bar.
9	Add data	Tap this button to add further data to the logbook (for example, blood glucose result or time of test).
10	Cancel bolus	Tap the  button to cancel one or all active boluses.

2.2.2 Shortcuts on the Status screen

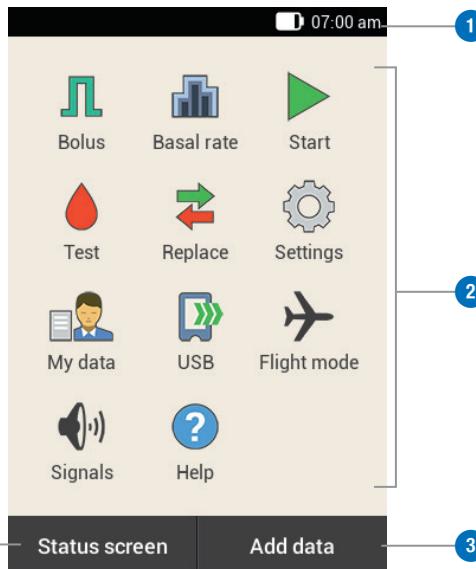
The touch-sensitive areas on the Status screen allow you to quickly access important menus and features. When you tap the areas, the corresponding menus or features are opened.



2.3 Main Menu

The main menu is an overview of the most important features of the diabetes manager. From here, you can open the basic menus and features, go to the Status screen or add data.

Depending on the situation (for example, pump therapy or injection therapy), other menus can be displayed. For more information, see chapter 13.2 *Injection Therapy Displays*.



	Name	Description
1	Status bar	Shows the current status symbols (for example, level of rechargeable battery).
2	Menu icons	Tap a menu icon to open the desired menu or to turn on the desired feature.
3	Add data	Tap this button to add further data to the logbook (for example, blood glucose result or time of test).
4	Status screen	Tap this button to display the Status screen.

2.3.1 Symbols in the status bar

The status bar at the top edge of the screen shows the current time. In addition, the following symbols may be displayed.

Symbol	Name	Description
	Status of rechargeable battery	Shows the current level of the rechargeable battery in the diabetes manager.
	No communication	Is displayed when the communication between the diabetes manager and the micropump is not established or interrupted.
	Flight mode	Is displayed when flight mode is turned on.
	No acoustic signal	Is displayed when tones are turned off.
	Signals turned off	Is displayed when signals for reminders and warnings are turned off temporarily.
	Vibration	Is displayed when the vibration feature is turned on.

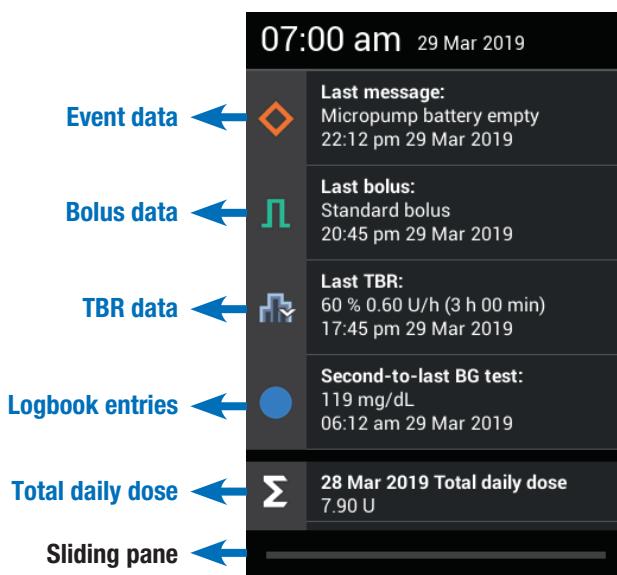
Menu icons in the Main menu

Menu icon	Description
	Deliver manual bolus, use bolus advice, cancel bolus
	Select or set basal rate profiles, set and cancel Temporary Basal Rates (TBR)
	Micropump is in STOP mode, start micropump
	Stop micropump (cancel bolus and TBR and interrupt basal rate)
	Test blood glucose, enter test result, perform control test
	Replace system components (infusion assembly, reservoir, pump base)

Menu icon	Description
	View or change settings, view system information, switch therapy mode
	Display or edit logbook data
	Connect diabetes manager to a PC in order to transfer data
	Turn flight mode on or off
	Set signals
	Watch Help videos

2.4 Information Screen

The information screen is a representation of important device, status and therapy information as well as system events. When you tap the events, the respective menus open. For more information on the menus, see chapter *10 My Data*.



If you slide the upper screen edge downwards, the information screen is shown. The bar on the sliding pane lights up blue while it is being moved.



Slide your finger from the upper screen edge downwards. The information screen is shown. Move the information screen to the top again to hide it.

2.5 Navigation and Operation

You navigate and operate the diabetes manager by means of the touchscreen and navigation buttons. The insulin button is an exception. The insulin button is for confirming a previously set insulin delivery. Press the insulin button to start a basal rate or bolus.

2.5.1 Navigation buttons

You can use the navigation buttons below the screen to move forwards and backwards or to go to the Status screen.

Button	Function
	Back Go back to the previous display within the process step. If you press the Back button in a process step, the settings will not be saved. If you press the Back button during setup, you will be taken to the next previous resume point.
	Status screen Switch to the Status screen.
	Forward Go to the next display within the process step. In many process steps, this button performs the same function as the Next or OK buttons.

In some menus and when system messages are displayed, not all navigation buttons are available.

2.5.2 Insulin Button

The insulin button is only used to confirm a previously set insulin delivery. When the diabetes manager is ready to deliver basal or bolus insulin, the button lights up green.

Example



Check whether the settings for insulin delivery are correct.
Press the button to start insulin delivery. If the displayed insulin amount is not correct, tap in order to correct your entries.

2.5.3 Entries

There are various methods of making entries in order to execute commands, select values, set features and select display options.

The various entry methods are explained on the following pages.

Executing commands

Whenever you tap a command on the screen, the background color changes.

Example

Not selected



Selected

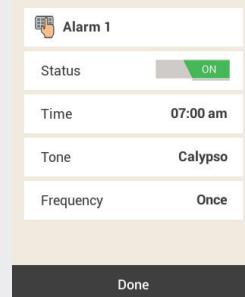
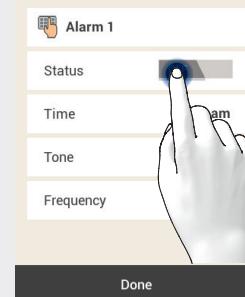
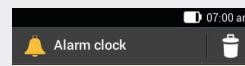
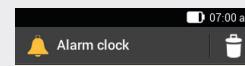


Tap the command you want to select. The background changes from dark to light.

Switching a feature on or off

By tapping a switch, you can turn a feature on or off. Inactive function buttons and switches are grayed out.

Example



Done

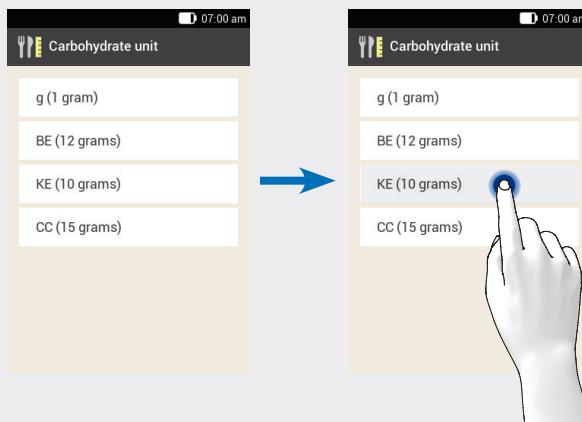
Done

Tap the switch to turn the feature on. Tapping the same switch again turns the feature off.

Simple lists or menus

No command is preselected in simple lists or menus. You can select a command.

Example

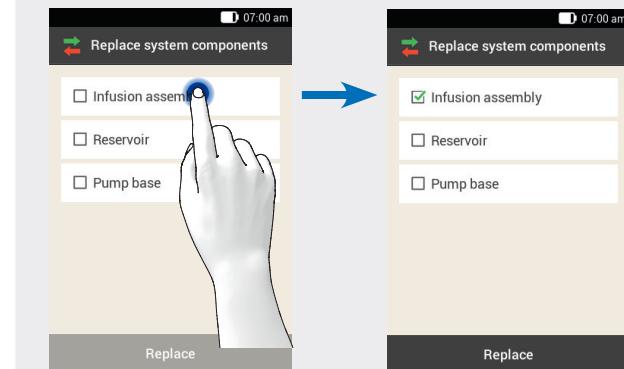


Tap the command you want to select. The background changes from light to dark. When you have selected a command, the next display appears.

Lists with checkboxes

In these lists, you can select either one or more commands simultaneously or no command.

Example

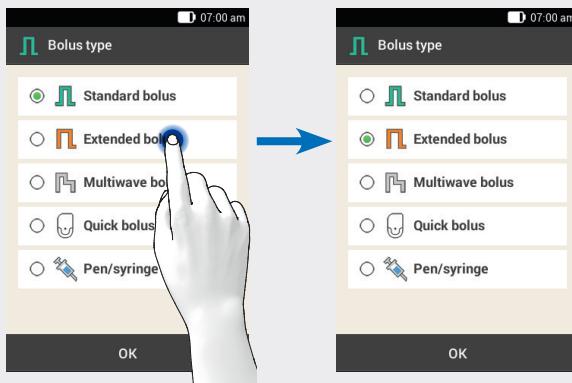


Tap the option you want to select. A green checkmark is displayed in the checkbox. If you tap the option once more, the checkmark disappears and the command is no longer selected.

Lists with radio buttons

In these lists, one command is always selected, for example, by the default settings. By tapping the desired command, you can change the selection.

Example

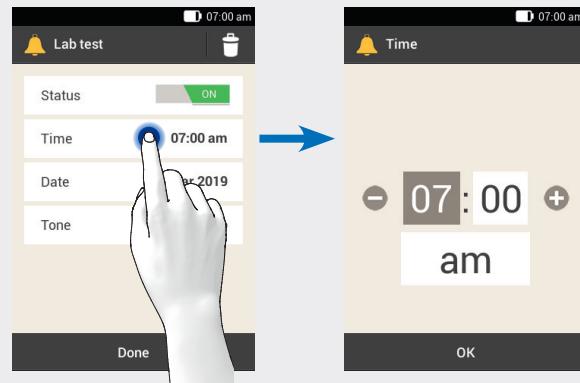


Tap the option you want to select. The green dot is displayed in the circle in front of the newly selected command.

Editing a command

To edit the desired command, it must be selected.

Example

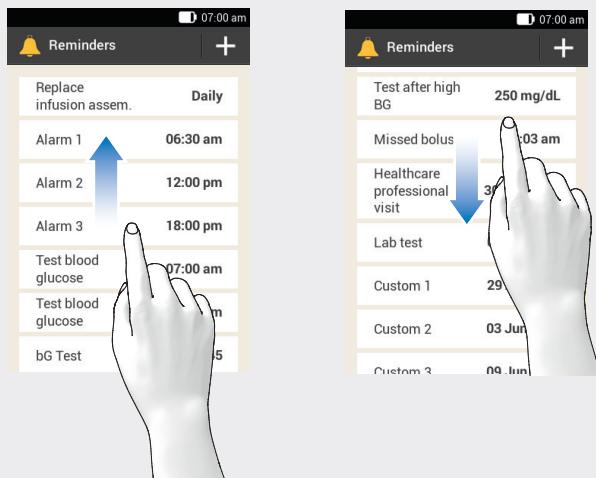


Tap the command you want to edit. You can edit the command on the display that follows.

Scrolling lists

In long menus and lists, you can scroll the list to display the commands that are not visible.

Example

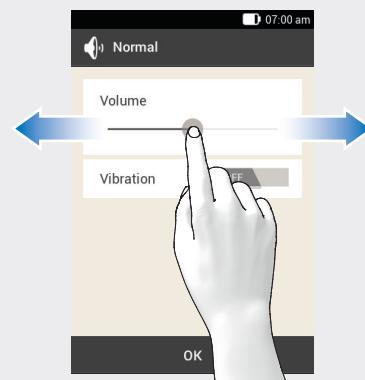


Scroll the list upwards to view additional list commands or menus. Scroll the list downwards to view the top list commands or menus.

Slider

You can make the desired setting by moving the slider.

Example



Move the slider to the desired position.

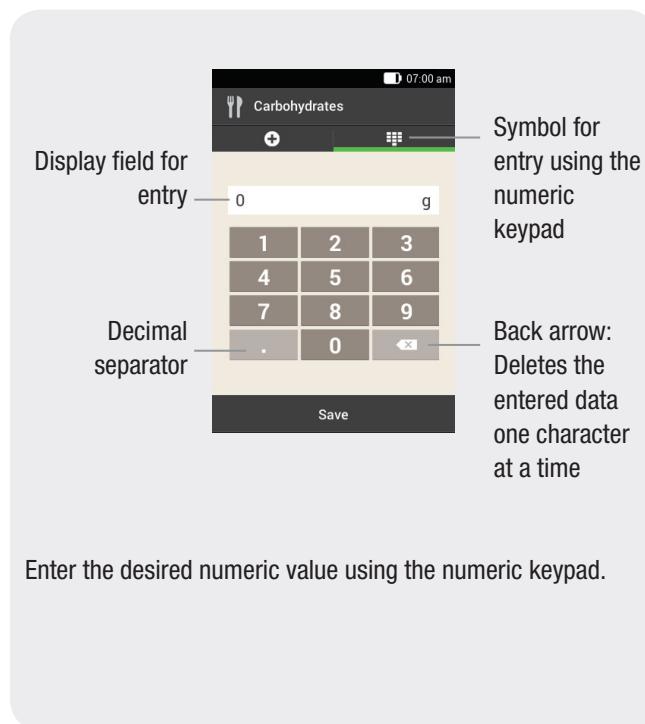
2.5.4 Entering Numbers

You can either use a numeric keypad to enter numbers or use the minus/plus buttons to set them.

Some numbers and values can only be set using the minus/plus buttons or only be entered by means of the numeric keypad.

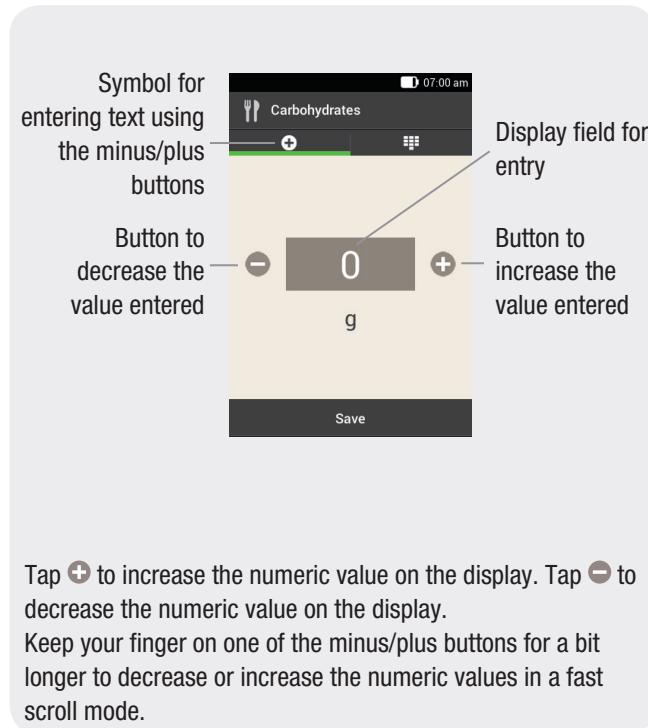
Numeric keypad

When you use the carbohydrate unit g, you can alternatively enter the carbohydrate amount using the numeric keypad.



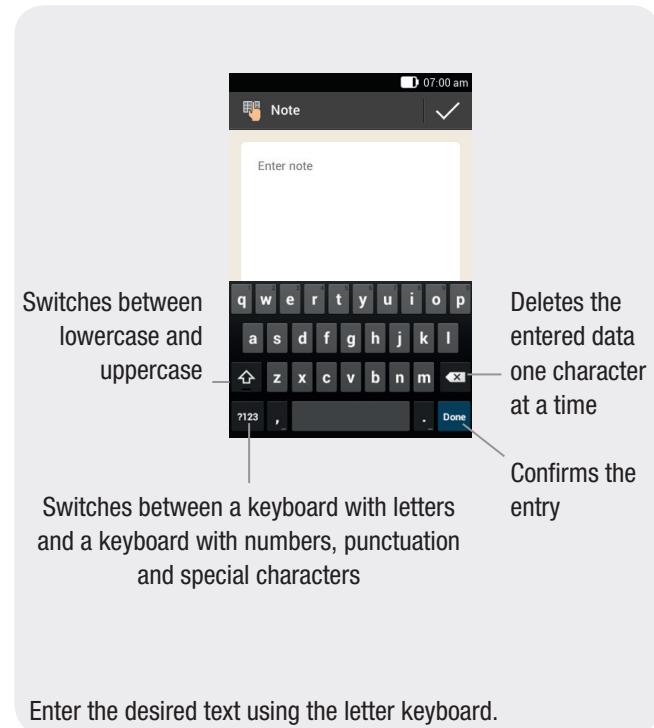
Minus/plus buttons

⊕ and ☰ allow you to switch between entering data using the minus/plus buttons and the numeric keypad.



2.5.5 Entering Text

Text is entered using a keyboard. Depending on the language, key assignments may differ.



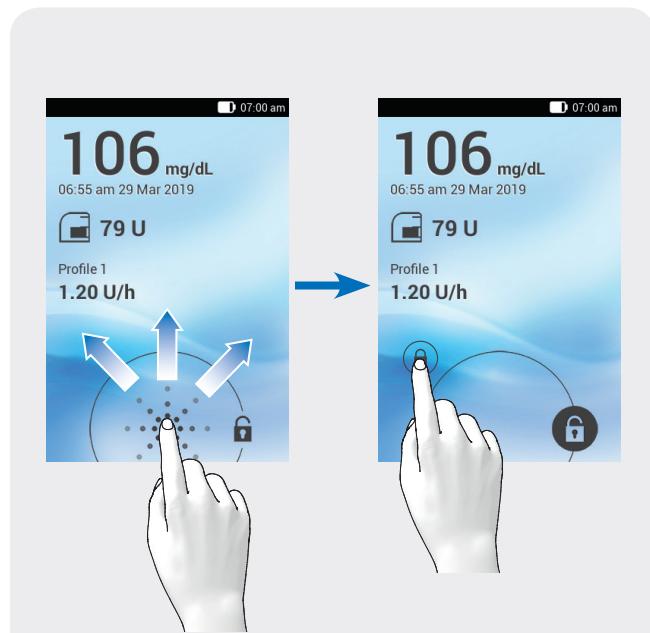
2.5.6 Screen Lock

If the diabetes manager has been inactive for approx. 60 seconds, the screen is automatically locked. You can also lock the screen by pressing the power button. A locked screen is indicated by the  symbol.

The lock prevents others from viewing the screen and prevents functions from being activated unintentionally on the touchscreen while you are not using the device. The last blood glucose result, the time and date, the reservoir level and the basal rate are displayed even when the screen is locked.

You unlock the screen by swiping your finger from the middle of the screen in any direction. If you have activated PIN entry, you will have to enter the four- to eight-digit PIN on the next display to unlock the diabetes manager screen. You have the option of changing the settings in the menu **Settings > Screen lock**.

Unlocking the screen



Swipe across the screen with your finger, starting from the  symbol, until the lock symbol is outside the circle shown, then remove your finger.

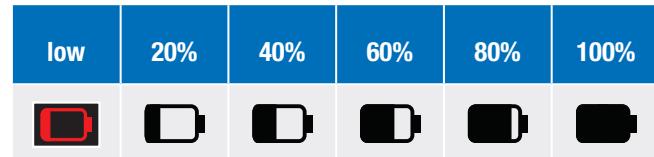
3 Putting the Diabetes Manager into Operation

3.1 Charging the Battery

Before you start using the diabetes manager, you must charge the battery. Connect the diabetes manager to a PC or charger by means of a USB cable. The preferred method is to use a charger and electrical outlet since charging takes less time this way. It takes approx. 4 hours to charge a fully drained battery using a charger that is plugged into an electrical outlet. Charging the battery using the USB cable on a PC may take longer.

When the battery level is low, the diabetes manager automatically deactivates communication via *Bluetooth* wireless technology to save power. As a result, communication with the micropump is interrupted. After you have recharged the battery, the diabetes manager automatically restores communication via *Bluetooth* wireless technology.

Symbols for different battery levels:



Note

- ▶ While the diabetes manager is being charged, you cannot perform any blood glucose tests.
- ▶ Recharge the battery regularly so that it does not become fully drained. Keeping the diabetes manager plugged in for a longer period to charge does not harm the battery.
- ▶ If you insert a replacement battery, charge the replacement battery completely before using the diabetes manager.
- ▶ Check regularly whether the time and date of the diabetes manager are set correctly.

3.1.1 Inserting the Rechargeable Battery in the Diabetes Manager

WARNING

- ▶ Use only the supplied charger and the associated USB cable, or a certified USB charger (for example, a laptop certified according to IEC 60950 or an equivalent safety standard).
- ▶ Use only the rechargeable battery provided.

Note

Do not remove the tab on the battery. The tab makes it easier to remove the battery from the battery compartment.



Have the diabetes manager, rechargeable battery, charger and USB cable ready.



Open the battery compartment by pushing the battery door up in the direction of the arrow.



Place the rechargeable battery into the battery compartment of the diabetes manager.

The plus sign (+) and the minus sign (-) on the rechargeable battery must match the respective symbols in the battery compartment.