



YpsoPump®



Quick Start Guide

Insulin Pump

swissmade 



More freedom. More confidence. With Ypsomed.

YPSOMED
SELF-CARE SOLUTIONS

Thank you very much for choosing the YpsoPump® insulin pump. Ypsomed has set itself the goal of making medical selfcare a matter of routine. YpsoPump® is in line with that goal. With over 30 years of experience in the diabetes business, Ypsomed is well aware of their customers needs. Insulin pump therapy in every day situations is made easier – thanks to YpsoPump®.

Its user-friendly and time-saving operation via touchscreen (touch-sensitive screen) has been tested and evaluated by people with diabetes. A menu driven operation and clearly arranged icons, combined with an intuitive design, meets todays expectations in regards to user friendliness. As a Swiss company, Ypsomed feels committed to a particularly high level of quality. This is ensured by a strong, reliable handset, along with comprehensive customer service.

This Quick Start Guide is designed to make it quick and easy for you to start pump therapy with YpsoPump®. Please read all instructions carefully and in case of doubt consult the User Guide, your diabetes team or your doctor. This Quick Start Guide is not intended to replace the YpsoPump® User Guide which contains all instructions for use, information about storage, warnings and alarms.

We wish you a successful and care-free therapy with YpsoPump®.

Your Ypsomed Diabetescare Team

If the male or female form is used in order to improve readability, both genders are referred to.



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Either swipe up/down or tap upper/lower value



Tap on action field or icon



Reference to the element described in the text



Note or additional information



Warning and precaution



Read the User Guide



Warnings

- ⚠ Only use AAA alkaline batteries (LR03) with your YpsoPump®. Make sure the battery is not damaged. A damaged battery could result in a short circuit. If a different type of battery (e.g. a lithium battery or an NiMH rechargeable battery) or a damaged battery is inserted, there is no guarantee that the insulin pump will be put into operation or operate properly; the advance warning time up to the “Battery empty” alarm cannot be maintained when a battery is discharged. This can lead to failure of the preset insulin delivery, which can cause hyperglycemia (read warning in the box on page 5). Make sure to always carry a replacement battery with you.
- ⚠ Always monitor the self-test attentively and carefully. If you are uncertain whether the self-test has been performed correctly, repeat the self-test. If errors occur during the self-test (incomplete display, no vibration signal or audible signal), you must not use the YpsoPump® as potential warnings and alarms on the insulin pump can no longer be displayed and indicated properly. In such a case, contact Customer Service immediately. You find the contact details on the back of this Quick Start Guide.
- ⚠ Take special care when setting the time of day. If a wrong time of day is set, the timing of the basal rate profile could be shifted. Only make changes to your settings after consulting your doctor or diabetes advisor. Incorrect programming of the insulin pump can lead to incorrect dosages of insulin, which can cause hypoglycemia or hyperglycemia (read warning in the box on page 5).



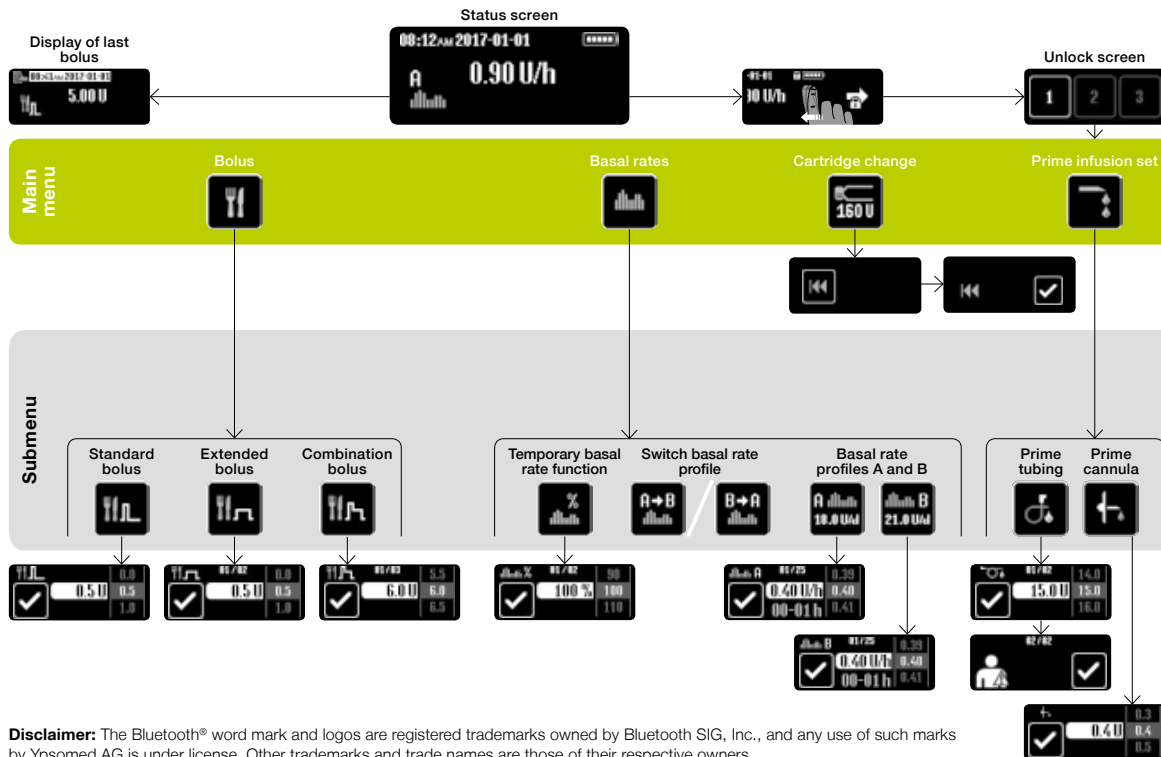
The instructions for use in this Quick Start Guide are only valid for the following YpsoPump® article:
REF 700013408.

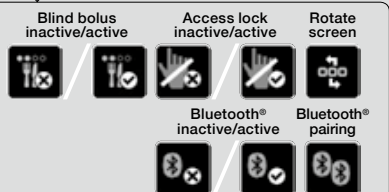
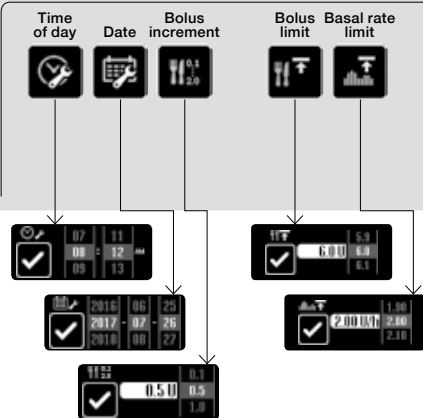
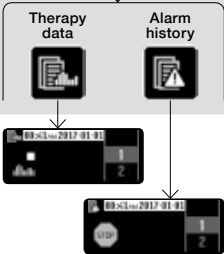
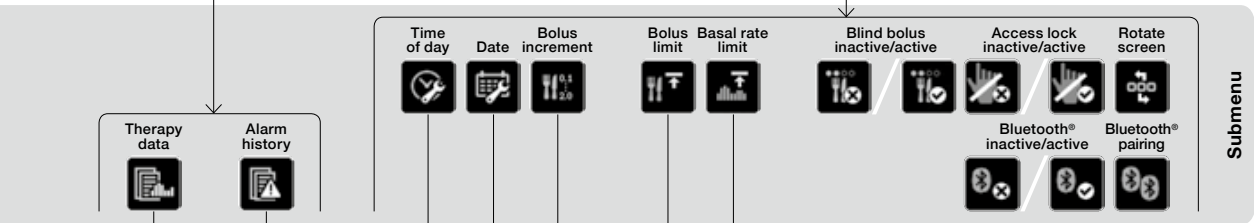
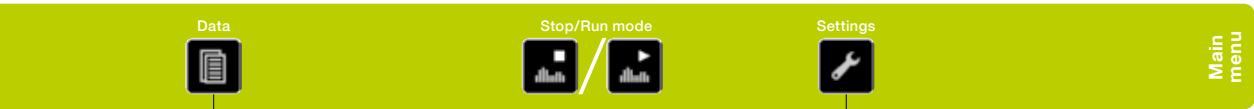
You find the reference number of your YpsoPump® on your device and on the label of your Starter Kit.



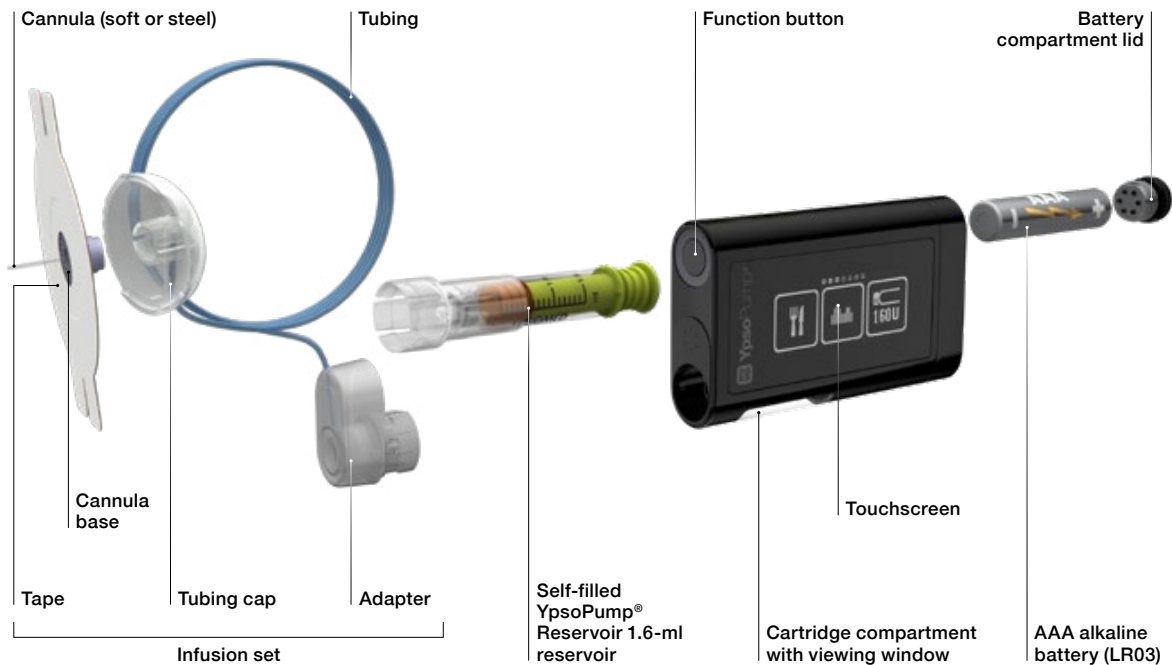
If you suspect you may have hypoglycemia or hyperglycemia, check your blood glucose more frequently for the next few hours, as recommended by your doctor or diabetes advisor, and adapt the insulin delivery settings to the changed conditions. If you are uncertain, contact your doctor or diabetes advisor immediately. Check your blood glucose as often as your doctor or diabetes advisor recommends. If you do not check your blood glucose regularly, blood glucose fluctuations will not be detected and you will not be able to adapt the insulin dosage of the pump (e.g. bolus amount).

1 Menu map





2 System overview



3 Putting into operation

Inserting a battery



1/11: Insert a new AAA alkaline battery (LR03). Make sure the negative pole of the battery is inserted first. On the back of the insulin pump you will see a picture showing how to insert the battery.



2/11: Lock the battery compartment by turning the groove of the battery compartment lid clockwise until it is completely closed using the edge of a coin.



You must replace the battery compartment lid with a new one every three months. Otherwise the seal between the battery compartment lid and the battery compartment may no longer be intact.


Self-test

The self-test is used to check the operability of the YpsoPump® and to give the user visual, tactile and audible feedback. A self-test is performed when putting the insulin pump into operation for the first time, after having started up the insulin pump from storage status and after the threaded rod has been returned.



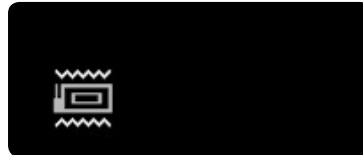
3/11: As soon as the battery has been inserted, the welcome screen appears and remains until the insulin pump starts the self-test.



4/11: In addition to the YpsoPump® logo, the serial number of the insulin pump and the software version are displayed at the top left. Confirm the start of the self-test by tapping . The YpsoPump® now performs a self-test.



5/11: Three test patterns appear on the screen one after the other. The 3×3 test rectangles must be displayed in full with uniform brightness.




6/11: Then the YpsoPump® emits two vibration signals (tactile signals).



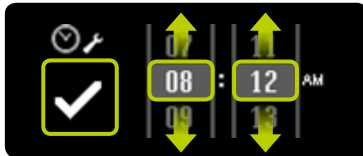
7/11: The tactile signals are followed by two audible signals.




8/11: The self-test is completed. You can repeat the self-test by swiping to the right. Confirm the successful completion of the self-test by tapping .

If the self-test is not confirmed within 5 minutes after having started up the insulin pump from storage status or after the threaded rod has been returned, the insulin pump indicates this with tactile and audible warnings. If the screen is now switched on using the function button, the start self-test screen appears again (Fig. 4/11). Complete the self-test and confirm.


Setting the time of day



9/11: The screen for setting the time of day appears. Set the current time of day (hours, minutes) by selecting the desired value. Confirm the values set by tapping .

Setting the date



10/11: After setting the time of day, set the current date (year, month, day). Confirm your setting by tapping .



11/11: The status screen appears. The insulin pump is in stop mode.



You can adjust the time of day and the date at any time in the settings menu. If you select an impossible date (e.g. 2017-02-30), the confirmation icon will be inactive (gray) and you cannot confirm the date.



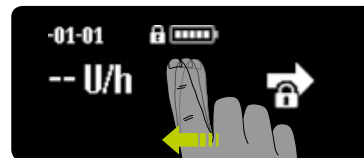
4 Switching on and unlocking the screen



1/6: The status screen of the YpsoPump® is switched on and off by pressing the function button (short button press).



2/6: The YpsoPump® has a screen lock. It is visualized by a padlock icon at the top right of the screen, next to the battery charge indicator.



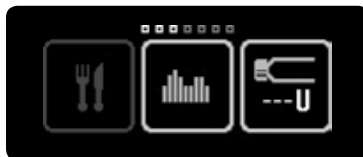
3/6: Swipe to the left to unlock the status screen and the main menu. Three icons appear numbered 1, 2 and 3 (unlock screen).



If the YpsoPump® is not operated on the status screen, the screen switches off after 20 seconds and the screen lock is activated. If the YpsoPump® is not operated in the main menu or in a submenu, the screen switches off after two minutes and the screen lock is activated. Any changes that have not been saved, are lost.



4/6: Tap the currently active number successively to unlock the status screen. If the three numbers on the unlock screen are not entered in the correct sequence within 10 seconds, you return to the locked status screen. Swipe to the right to return to the locked status screen.



5/6: When the YpsoPump® has been unlocked successfully, you are in the main menu. Swipe to the left to access all available menu items.



6/6: Swipe to the right to access the unlocked status screen (no padlock icon).

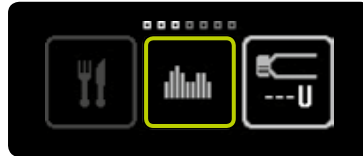


Make sure you switch off the screen before storing the YpsoPump® in your trouser pocket or in a carrying system in order to avoid unintentional operation of the pump.

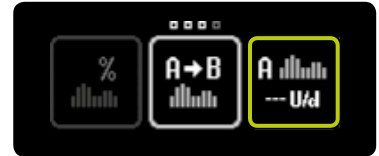
5 Basal rate

Programming basal rate profile A

The basal rate is a basic amount of insulin that is administered continuously in order to keep the blood glucose level within the target range. You have the option of programming two different basal rate profiles (A and B). If only one basal rate profile is needed, profile B has to be programmed in the same way as basal rate profile A.



1/8: Open the main menu and tap the “Basal rates” icon.



2/8: Tap the “Basal rate profile A” icon.



The following values are displayed on the screen of your Ypsopump® and mentioned in this Quick Start Guide using the following abbreviations:

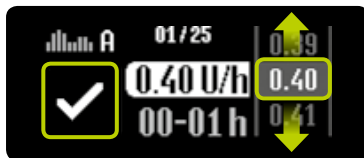
U = insulin units

h = hours

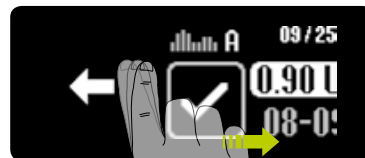
d = day



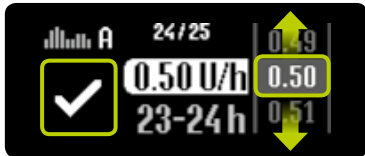
3/8: The screen to set the basal rate for the first hour appears, starting at midnight (00–01 h). When putting into operation for the first time (when programming a basal rate profile for the first time), an hourly value, which is set and confirmed, is applied to the next hour as a starting value.



4/8: Select the value specified for you by your doctor, between 0.00 U/h and 40.0 U/h, and confirm by tapping . After each confirmation of an hourly value, you automatically move to the next hour. The minimum programmable basal rate greater than 0.00 U/h is 0.05 U/h. The basal rate values between 0.05 U/h and 1.00 U/h can be set in increments of 0.01 U/h. The basal rate values between 1.00 U/h and 2.00 U/h can be set in increments of 0.02 U/h. The basal rate values between 2.00 U/h and 15.0 U/h can be set in increments of 0.1 U/h. The basal rate values between 15.0 U/h and 40.0 U/h can be set in increments of 0.5 U/h.




5/8: By swiping to the right you can step back one hour at any time and adjust your previous entry.



6/8: Repeat step 4/8 for each individual hour segment until you have entered all 24 basal rate values.



7/8: When all values have been entered, the YpsoPump® shows you the basal rate daily dose on a chart and as a value. The basal rate values can be changed by swiping to the right until you reach the segment you want to correct. Confirm by tapping . The YpsoPump® vibrates briefly. The values are saved and one event per basal rate value is written to the therapy data.



8/8: The status screen appears. The YpsoPump® is in stop mode. The difference between run mode and stop mode is explained on page 30.



The daily total dose of the programmed basal rate profile is displayed in the basal rate submenu on the corresponding basal rate icon.



Always program both basal rate profiles (A and B) in accordance with the recommendations from your doctor or diabetes advisor. If only one basal rate profile is needed, the second one has to be programmed in the same way as the first one. By doing so, the basal rate will continue without any interruption should you unintentionally switch the basal rate profile. Without programming a profile, your basal rate value is set to 0 and your insulin pump will not deliver any basal insulin.

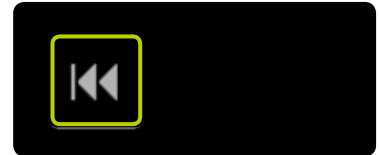
6 Inserting an insulin cartridge and priming the infusion set

Inserting an insulin cartridge

For the YpsoPump® you may only use a self-filled 1.6-ml reservoir YpsoPump® Reservoir compatible with the YpsoPump®.




1/6: Open the main menu and tap the “Cartridge change and current cartridge level” icon.



2/6: Tap the “Return threaded rod” icon.



3/6: Confirm by tapping .
The YpsoPump® vibrates briefly.



4/6: The threaded rod returns and the percentage is reduced to 0%.
Then the self-test is performed (as described on page 10).



Do not insert the new cartridge until the threaded rod has completely returned and the YpsoPump® has successfully performed the self-test. If you insert the cartridge while the threaded rod is still returning, the insulin pump may display the message “Threaded rod return not completed”. In this case repeat the cartridge change.

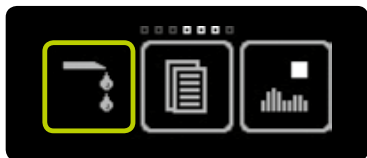


5/6: Hold the YpsoPump® upright with the opening of the cartridge compartment facing upwards. Insert a self-filled 1.6-ml reservoir.

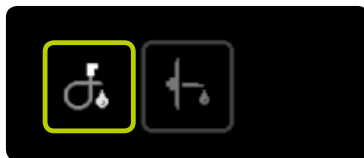


6/6: Place the adapter on the inserted cartridge upright. Turn the adapter clockwise to the lock position. You should hear a soft click and/or feel a definite mechanical stop.

Priming the infusion set



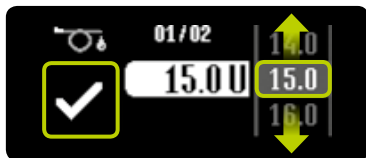
1/6: Open the main menu and tap the “Prime infusion set” icon.



2/6: Tap the “Prime tubing” icon.



Refer to the instructions for use of your YpsoPump® Orbit® infusion set for the correct priming volume. The priming volume indicated there is for guidance only. It is important that the system is primed free of air and that insulin emerges from the end of the tubing. It may happen that more insulin has to be delivered than the priming volume initially set.



3/6: The screen for setting the priming volume appears. For the priming volume, select a value that is suitable for your infusion set, between 1.0U and 30.0U. Confirm by tapping .

Priming volume when only changing the cartridge:

Check the cartridge for air bubbles. If the cartridge contains air bubbles, select the appropriate priming volume according to the instructions for use of your YpsoPump® Orbit® infusion set, until there are no more air bubbles in the cartridge, in the adapter and in the tubing. If the cartridge does not contain any air bubbles, prime the minimum priming volume of 1.0 U.


Priming volume when

changing the infusion set: For the priming volume, select a value that is suitable for your infusion set according to the instructions for use of your YpsoPump® Orbit® infusion set.




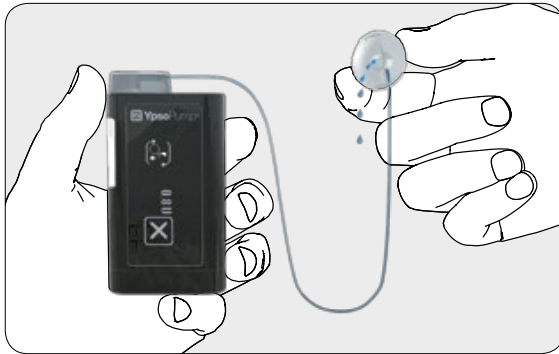
With your YpsoPump®, you are not required to change your infusion set every time you change your cartridge. They can be changed independently.



4/6: Confirm that you have disconnected the infusion set from your body by removing the tubing cap from the cannula base and confirm by tapping . The YpsoPump® vibrates briefly, the threaded rod advances up to the plunger of the cartridge and the infusion set is primed with the set amount of insulin.



5/6: During the priming procedure, keep the insulin pump in an upright position, with the adapter facing upwards and tap the insulin pump lightly on your open palm to remove the air bubbles from the infusion set. The screen counts the delivered priming volume upwards until the set value has been reached. You can cancel the priming procedure at any time by tapping .

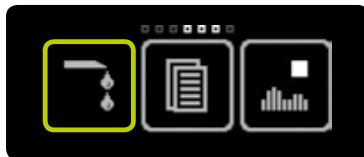


6/6: Repeat the priming procedure with the appropriate priming volume until there are no more air bubbles in the cartridge, in the adapter or in the tubing and until insulin has emerged from the end of the tubing of the infusion set.

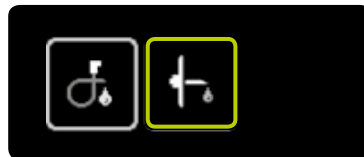
Priming the cannula

If insulin has emerged from the end of the tubing and there are no more bubbles of air in the cartridge, in the adapter or in the tubing, attach the infusion set to your body.

After having attached the infusion set to your body, the cannula has to be primed with insulin.




1/4: Open the main menu and tap the “Prime infusion set” icon.

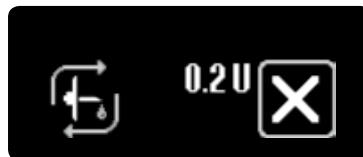



2/4: Tap the “Prime cannula” icon.



3/4: The screen for setting the priming volume appears. For the priming volume, select a value that is suitable for your cannula, between 0.1 U and 1.0 U, according to the instructions for use of your YpsoPump® Orbit® infusion set. Confirm by tapping .

The YpsoPump® vibrates briefly and the cannula is primed with the set amount of insulin.



4/4: During the priming procedure, the screen counts the delivered priming volume upwards until the set value has been reached. You can cancel the priming procedure at any time by tapping .

7 Run and stop modes

Run mode

The YpsoPump® has two different operating modes, “Run” and “Stop”. The “Stop mode” and “Run mode” icons show the current operating status of the insulin pump in each case. Insulin delivery (e.g. basal rate) is only possible in run mode. To start insulin delivery put your insulin pump in run mode.



1/3: Open the main menu, swipe to the left and tap the “Stop mode/ Switch to run mode” icon.



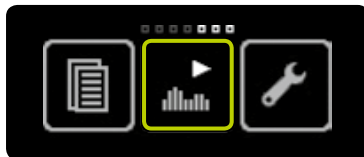
2/3: Confirm by tapping . The YpsoPump® vibrates briefly.



3/3: The status screen appears.
Basal rate delivery starts according
to the programmed profile.


Stop mode

To switch the YpsoPump® from run mode to stop mode, open the main menu. Insulin delivery is not possible in stop mode.



1/3: Open the main menu, swipe to the left and tap the “Run mode/switch to stop mode” icon.



2/3: Confirm by tapping . The YpsoPump® vibrates briefly.



3/3: The status screen appears. Insulin deliveries are stopped immediately. This is indicated on the screen.



The screen of the YpsoPump® shows a stop warning if the insulin pump has been in stop mode for more than one hour. The stop warning can be triggered prematurely, directly after the insulin pump has been set into stop mode, by giving the function button a long press and then confirming the warning.





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Diabetescare

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More **confidence.**
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Infusion systems



Blood glucose
monitoring systems



Therapy
management



Pen needles



Ypsomed Diabetescare offers a comprehensive portfolio of products and services for people with diabetes. This allows users easy, discreet and reliable self-treatment. With Ypsomed Diabetescare, self-treatment becomes simpler and easier.

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