

Beiersdorf

Testing Cosmetics –  
Very Simply **at Home**



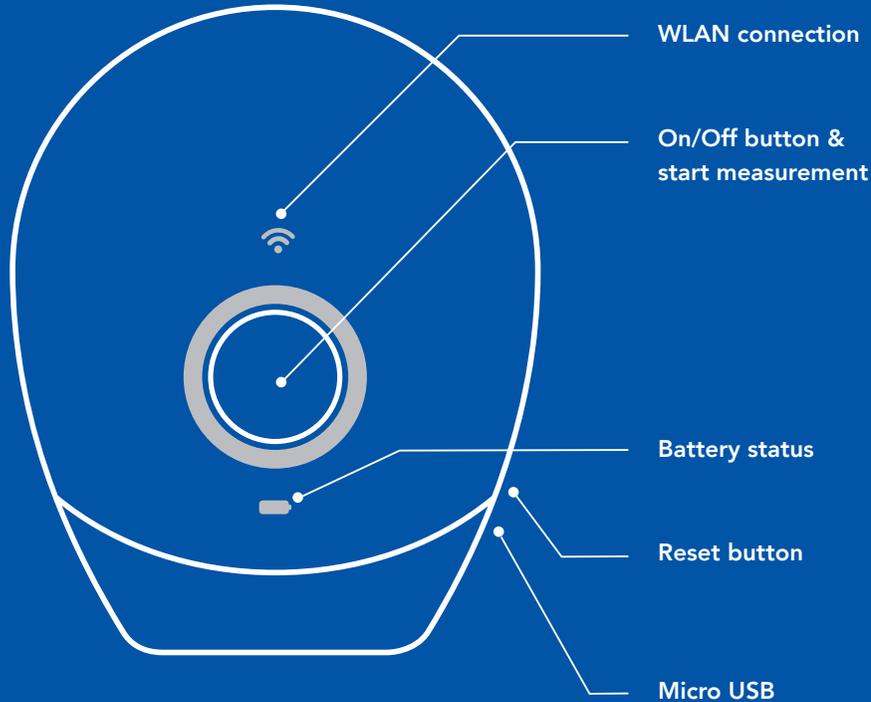
# Testing Cosmetics – Very Simply **at Home**

With our  
**innovative test system**  
consisting of measuring  
device and app



studies@  
**home**

# The Skinly measuring device



# Overview of **device functions**

The WLAN symbol indicates whether the device is connected (white), the connection failed (red) or the device is offline (no LED light).

The key illumination indicates the following:

- WHITE:** The measuring device is turned on or setting up.
- BLUE:** The measuring device is ready, measuring or uploading data.
- GREEN:** The data upload was successful.  
For offline measurement: The data has been saved to the measuring device.
- RED:** Error during measurement - data upload did not work.

Green indicates a charged battery, orange a low and red a critical battery level.

Easily and quickly switch off the measuring device with the end of a paper clip, if, for example, it does not switch off by itself after a short time or no longer reacts.

Micro USB port for the charging cable.



# Welcome

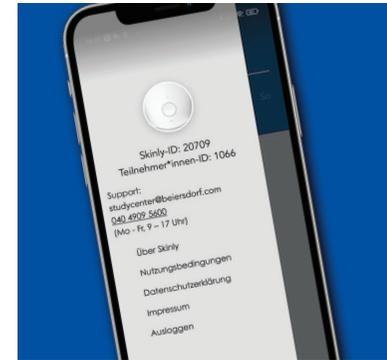
It's great that you are here and that you are actively supporting our research activities together with us. In the further course, we will support you during the individual steps of our joint study and explain to you how the corresponding measuring device works.

If you have any questions, please tap on the menu icon to contact the support team. This way you will get fast help!

You can also contact us directly by mail [studycenter@beiersdorf.com](mailto:studycenter@beiersdorf.com) or phone **+49 40 4909 5600**, if you have any questions.

Enclosed you will also find a description of how to use the test products. Please read all information carefully. We are looking forward to a great study with many new insights, thanks to your active support.

**Best regards, your studies@home team**





## Create Account, Initial Setup & Connection of the Measuring Device

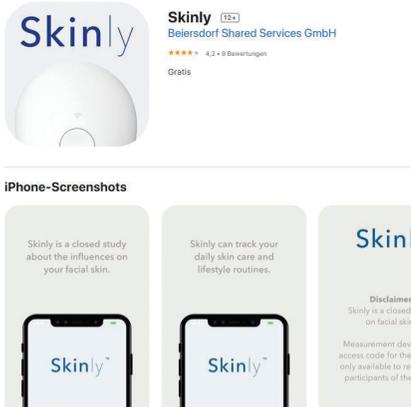
**How to connect the SkinlyApp and the Skinly measuring device.**

Please **charge your Skinly measuring device for three hours** before you start the setup. In the meantime, **download the SkinlyApp from the AppStore or Google PlayStore.**



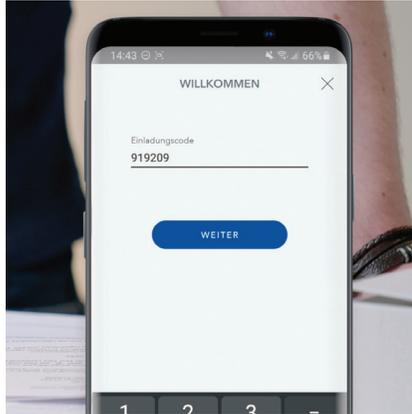
Make sure your smartphone is connected to your home WLAN (at least 2.4 Giga-Hz), to which you will later connect the measuring device.

## SkinlyApp



Visit your AppStore und download the (light blue) **SkinlyApp**.

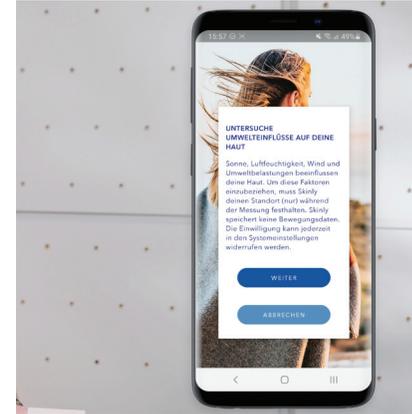
## Registration



Use the **study number as invitation code** and register with your **study participant number (multi-digit ID on your identification card)** and the **two-digit code** found on the invitation letter. Follow the registration process and make sure to fill in everything according to the requirements.

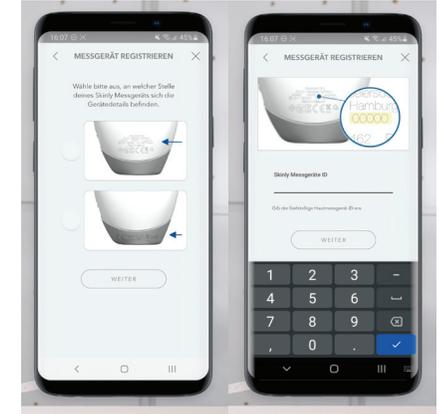
**Please especially check your e-mail address for correctness at the end!**

## Location data



Confirm that Skinly is allowed to **access your location data**, as this feature is required to connect the Skinly measuring device to the SkinlyApp. Additionally, the weather data at the time of your measurement will be collected.

## Device ID

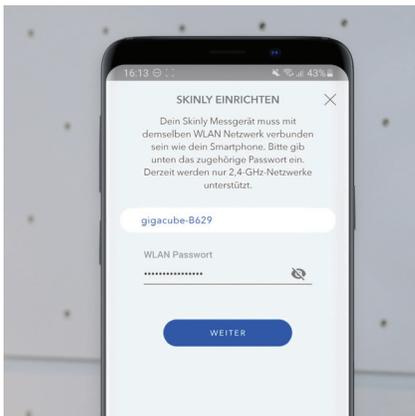


After registration, switch on your Skinly measuring device by **briefly pressing the On/Off button** in the middle once. First, select the location of the device details (device ID) in your SkinlyApp on your smartphone:

- a. on the back of the device
- b. on the grey area

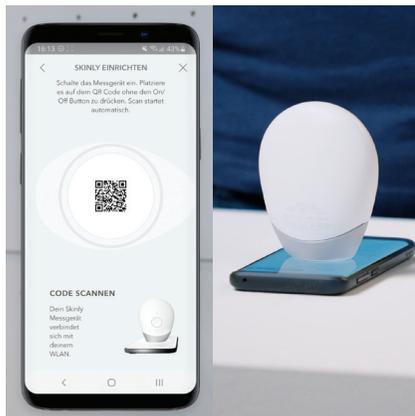
**Then enter the device ID in the app.**

## WLAN



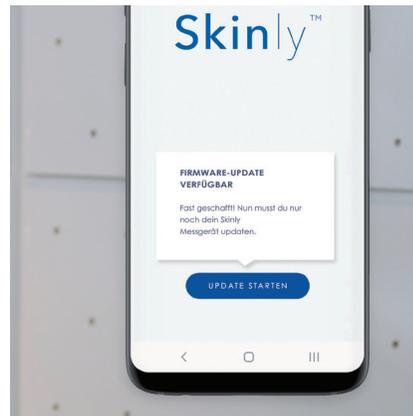
You will now be asked within the Skinly-App to select **your WLAN** and enter your **WLAN password**. To display the password while entering it and to check the spelling, you can tap the eye symbol.

## QR code



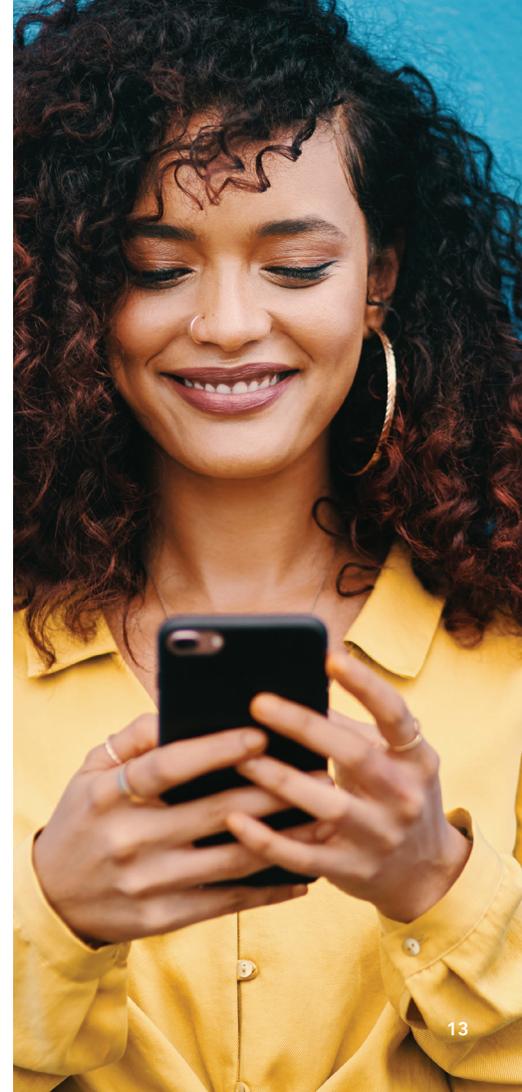
Remove the grey protective flap, **place the Skinly measuring device on the QR code** displayed on your smartphone. If it does not work right away, please enter your WLAN password again. Should there be any difficulties here, make sure your smartphone screen is bright enough.

## Firmware update



If a **firmware update** is currently available, you will now be automatically redirected. Start it and follow the instructions in the app.

You can then start your first measurement.





## Skin measurement

Skin measurement is performed once or twice a day – depending on the requirements of the particular study. You can find the measurement sequence in the prompts in the app.

**In the following steps, we will explain how to measure your skin.**

## Open SkinlyApp



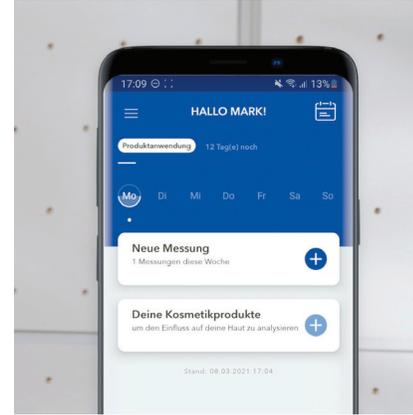
Open your **SkinlyApp** on your smart-phone.

## Switch on measuring device



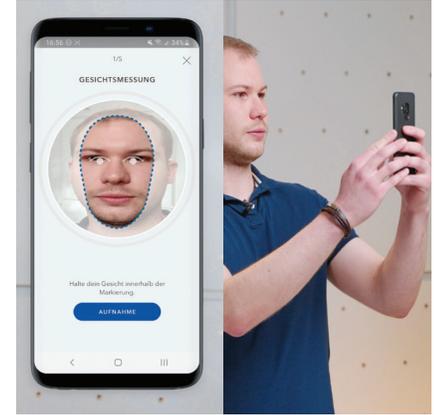
Switch on the Skinly measuring device with the protective cap closed by **briefly pressing the On/Off button once**. The measuring device will now automatically connect to the Skinly-App. Remove the grey cap from the measuring device when the ring around the On/Off button lights up blue.

## New measurement



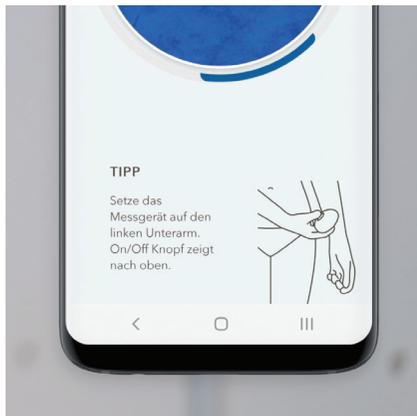
Press "Neue Messung" and follow the instructions.

## Portrait photo

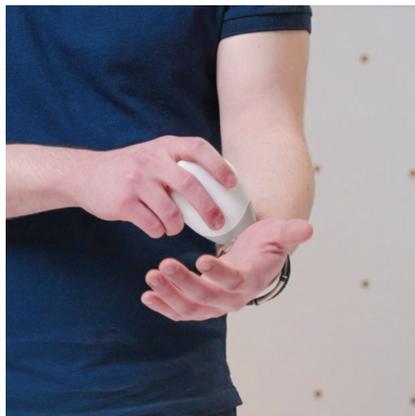


**Follow the app's prompts and take a portrait photo first.** If the photo is satisfactory, press "Verwenden", otherwise press "Wiederholen" and repeat the process. If you wear glasses, please remove them when taking the portrait photo. On the following pages you will find more important information about portrait photos.

## Measurement of the skin areas



Next, hold the Skinly measuring device on the skin area displayed in the Skinly-App, as shown in the picture. **Press the On/Off button** in the middle. Make sure the measuring device is resting on your skin with gentle pressure. The Skinly measuring device will now vibrate briefly, indicating that measurements are about to begin. On your smartphone, you can watch how the image of your skin is taken.



It is important that you **hold the measuring device steady** while doing this. Wait until the charging circle in the app lights up completely and the measuring device vibrates again.

Now hold the Skinly measuring device consecutively on the skin areas displayed in the SkinlyApp and repeat the previously described measuring process.

## Data transmission



When all measurements are finished, the measuring device automatically transfers the data in a short time. After the light around the On/Off button briefly lights up green, it switches off automatically.

## Error message



If it does not flash green but red, the measurement data has not been transferred.



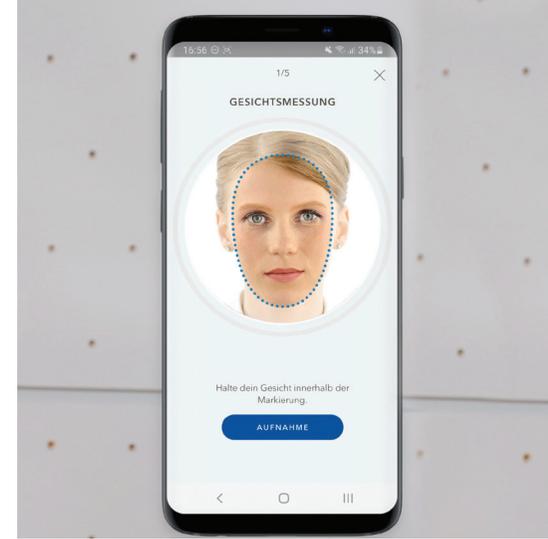
## How do I Take a Meaningful **Portrait Photo?**

You may be asked to take a portrait photo before each measurement so that the computer algorithms can examine the overall appearance of your skin.

Please read the following instructions to take a good, meaningful picture. This is because shadows on the face or unfavourable lighting conditions affect the quality of the photo and thus also the precision of the learning algorithm.

# Please Note the **Following Instructions** for the Most Accurate Result Possible

- If you wear **glasses, please take them off.**
- Make sure that your hair is not on your face and that **only your skin is visible.**
- Hold your smartphone at the same height, i.e. **parallel to your face**, and not further up or down.
- Position your face/head in such a way that the oval cut-out, which appears brighter, is **optimally filled.**
- **Look into the camera**, not at the smartphone screen.
- Even if a laugh makes everything more beautiful: with this picture, it is important to have as **neutral an expression** as possible.
- **Keep your smartphone still.**
- Make sure that your smartphone front camera is **not fogged** if you are in a bathroom with high humidity.



## Please Pay Attention to the Lighting

The room in which you take the portrait photo should be as brightly lit as possible.

Ideally, the face should be evenly lit from the front (e.g. light on the mirror in the bathroom or in front of a window). If the light falls on your face from the side, it will create shadows that can affect the calculation of skin age.

Please do not photograph against the light. There should be no bright light sources behind or next to you, such as a window or a bright lamp.

Always try to take the photo and measurements in the same room.

# Tips & Tricks

## Connection between Measuring Device and App Missing

The SkinlyApp shows you that no connection to the measuring device can be established. However, the WLAN symbol of the measuring device is permanently lit in white.

### Setting up the connection

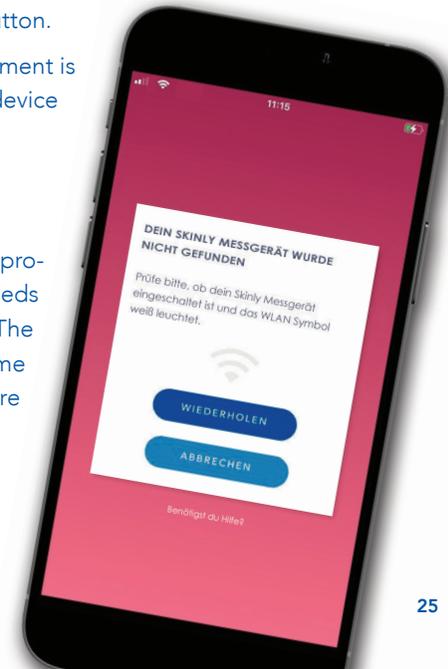
- Restart your WLAN router.
- Wait until the WLAN connection is stable.
- Now start a new measurement in the SkinlyApp by tapping on "Neue Messung". Leave the measuring device switched off.
- The app will now tell you that there is no connection.
- You may have to click "Wiederholen" twice before you can set up your WLAN again. This may take a little time.
- Select your WLAN, enter your WLAN password and click "Weiter".
- Now start the measuring device by briefly pressing the On/Off button.
- Place the switched-on measuring device on the QR code. **Do not** press the On/Off button.
- The measuring device and the app will now connect automatically, which will be indicated in the app shortly afterwards.
- Now you can start your measurement.

If the connection did not work, you can perform a measurement without SkinlyApp as follows.

### Measurement without SkinlyApp

- Switch on the charged measuring device and wait until the WLAN symbol turns white and the On/Off button lights up (the measuring device is ready).
- Now place the measuring device on the skin area to be measured first to start the measurement and press the On/Off button.
- The first vibration signals that the measurement is starting, after 6-8 seconds the measuring device will vibrate again.
- The measurement on this skin area is now complete.

You can now follow the familiar measurement process. Afterwards, the measuring device needs approx. 30-60 seconds to upload the data. The On/Off button then lights up green. A short time later, the measurement data in the SkinlyApp are automatically updated.



# Tips & Tricks



If you are far away from any access to WLAN ...

## Measurement without WLAN

You can also perform the measurements without a WLAN connection. In this case, you do not need the SkinlyApp, but only the measuring device.

- Press the On/Off button on your measuring device and hold it for about 10 seconds. You will notice three slight vibrations. The measuring device is now ready for offline measurement. The WLAN symbol lights up red in this case.

- Start your measurement on your first skin area by pressing the On/Off button. Wait until the measuring device vibrates again. The measurements on this skin area are then completed.
- Repeat this procedure on the other skin areas.

After you have measured all skin areas, the data will not be uploaded because there is no internet connection. However, you can save up to 28 measurements. After your first measurement in the WLAN, the saved data are uploaded. Even if the battery level of the measuring device is low or empty, the data remain saved.

## Problem solutions

If you cannot turn off your Skinly measuring device, you can reset it.

### Reset

- First make sure that the measuring device is charged. If you are unsure, charge it again for 4 hours.
- To reset the measuring device, use a paper clip and press the reset button. Inside the opening, you will feel a small pin. Press this pin for about 10 seconds.

Repeat the process a second time, if you find that your problem persists. If the problem persists, please contact the support team.



## Now the Real Study can **Start**

The daily use of the device or the number of daily measurements and the product application differ from study to study. This is explained in detail in your study information material.

The app guides you through the entire measurement process in the same uncomplicated way as when setting up the device.

**We look forward to working with you.**



If you have any questions or requests, you can contact our team in the Study Center directly per mail **[studycenter@beiersdorf.com](mailto:studycenter@beiersdorf.com)** or phone **+ 49 40 4909 5600**.

You can also find the contact information in the SkinlyApp by tapping the menu icon in the upper left corner.

**Study Center Beiersdorf**  
Tropowitzstraße 17  
22529 Hamburg  
Phone: +49 40 4909 5600  
<https://study-center.beiersdorf.de>  
Email: [studycenter@beiersdorf.com](mailto:studycenter@beiersdorf.com)

  [beiersdorf\\_study\\_center](#)

**Imprint (status 01/2023):**

**Beiersdorf AG**  
Umsastraße 48  
20245 Hamburg  
Phone: +49 40 4909 0

**Board of Directors:** Vincent Warnery (Chairman),  
Oswald Barckhahn, Astrid Hermann, Nicola Lafrentz,  
Gitta Loeback, Ramon A. Mirt, Patrick Rasquinet

**Chairman of the Supervisory Board:** Prof. Dr. Reinhard Pöllath

**Register and register number:**  
Registergericht Hamburg HRB 1787

**VAT number:**  
DE 118 513 961

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