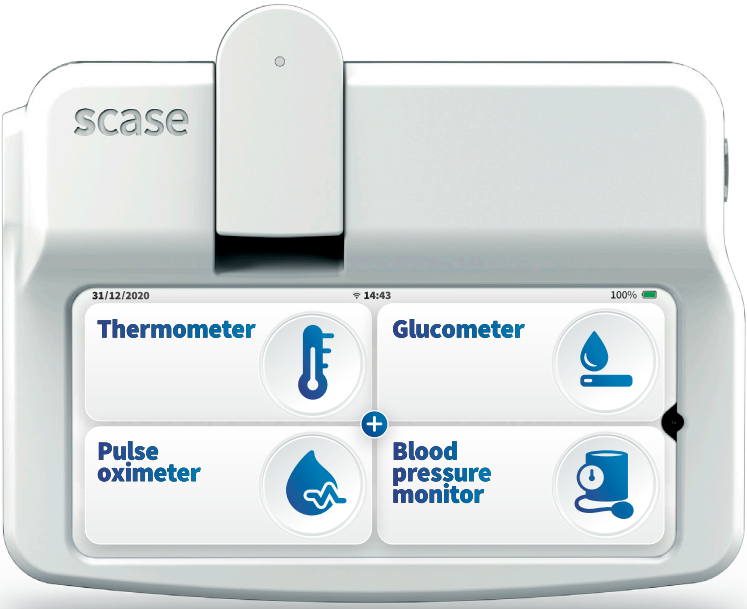
Outreach Manual

www.scase.io/manuals



User manual Outreach

Thank you
For your participation

⚠ Not intended for diagnostic use, nor prevention of disease

This device is provided under the Medical Device Directive COUNCIL DIRECTIVE 93/42/EEC of 14 June 1993 concerning medical devices under the Articles 4, 15 and Annex VII for Free movement, devices intended for special purposes


scase

1. Introduction

1.1. Safety

⚠ Warnings and Cautionary Advice

- The user should **not attempt to service** or **repair** this device yourself. Should a malfunction occur, the patient refers to a local distributor or the manufacturer.
- **Too frequent measurements** can **cause injury to the patient** due to blood flow interference.
- The **cuff cannot be placed** over the **wound** part.
- The device contains sensitive electronic components. **User should avoid strong electrical or electromagnetic fields in the direct vicinity of the device** (e.g. mobile telephones, microwave ovens). This can lead to temporary **impairment of the measuring accuracy**.
- **Cuffs, AC adapters, or batteries** other than those included with this product or replacement parts supplied by the manufacturer **should not be used**.
- This system **may fail to yield specified measurement accuracy** if **operated or stored** in temperature or humidity conditions **outside the limits stated in the specifications** section of this manual.
- The separate AC adapter which is intended to connect the USB interface of the Scase Device **has not been evaluated according to IEC 60601-1.** The safety of the product shall be reappraised when the power supply is provided by a separate AC adapter.
- The user must check that the **equipment functions safely** and see that it **is in proper working condition** before being used.
- **No modification** of this equipment **is allowed.**

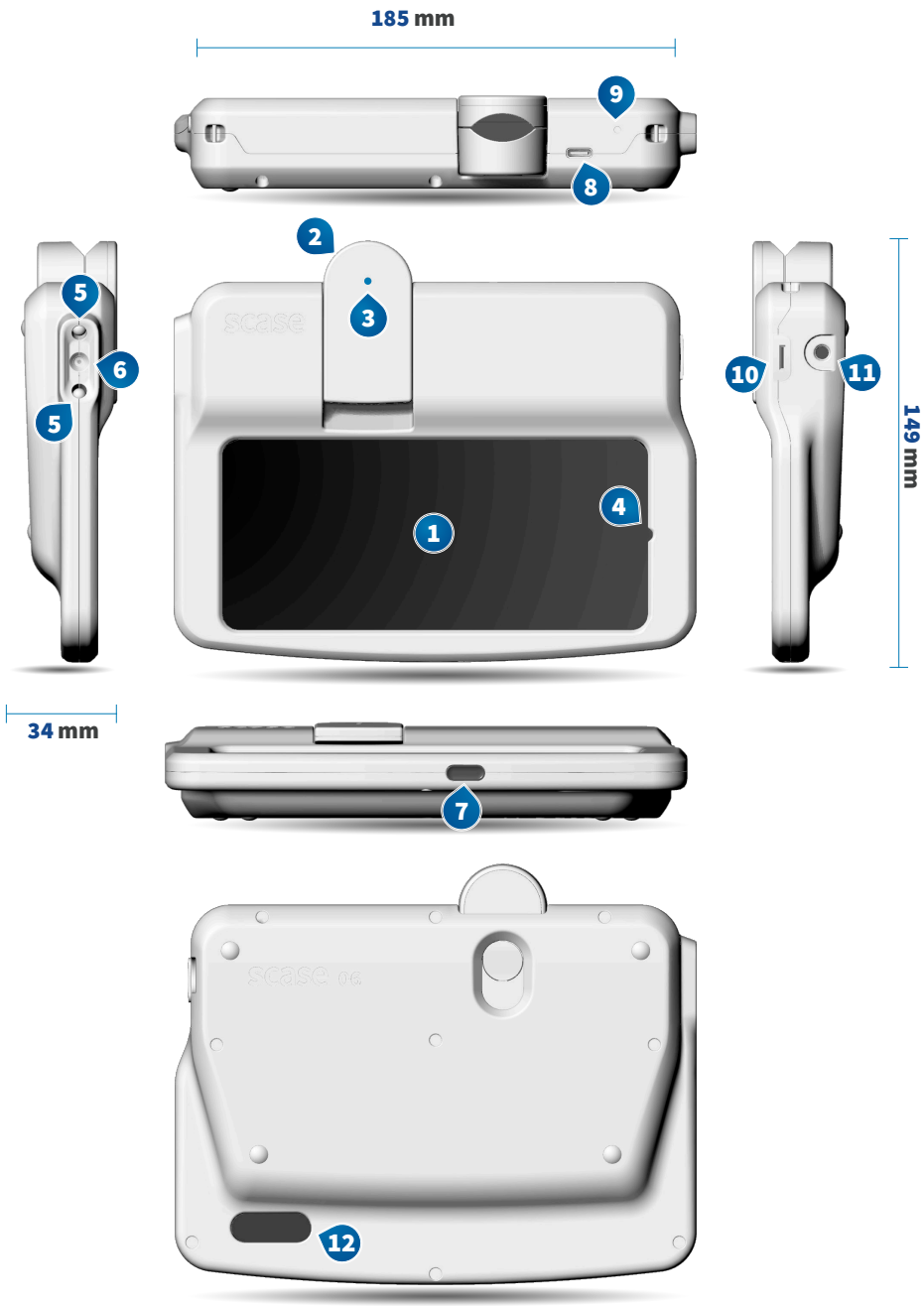
- The device is **not suitable** for use in the presence of **flammable anesthetic mixtures** with **air** or with **oxygen or nitrous oxide**.
- This equipment shall **not be serviced** or **maintained while in use** with the user.
- The user is an **intended operator**, the functions of **monitoring blood pressure** and pulse rate can be safely used by this user. The **routine clean** can be **performed by the user**.
- To **avoid any possibility** of accidental strangulation, users must **keep the unit away from children** and do not drape tubing around their neck.
- The standard material **used for the bladder** and **tubing** is **latex-free**.
- Self-measurement means to control, not diagnosis or treatment. Unusual values must always be discussed with a doctor. Under no circumstances should the user alters the dosages of any drugs prescribed by the doctor.
- The pulse display is **not suitable** for checking the frequency **of pacemakers**.
- In cases of **irregular heartbeat**, measurements made with this instrument should only be evaluated after consultation with a doctor.
- To obtain the greatest accuracy from **Blood pressure monitor**, it is recommended that the monitor should be used **within the specified temperature** and the **relative humidity**.
- The **cuff** is treated as the **applied part**. The user should contact the manufacturer for assistance, if needed, in setting up, using, or maintaining the device.

1.2. Intended Use

Scase Device is intended to be used for **measuring, displaying, reviewing** and **storing** of **Blood pressure** (Blood pressure monitor measures the diastolic, systolic blood pressures and pulse rate for adult population at home and hospital facilities by using a non-invasive oscillometric technique with a single upper arm cuff.
Blood pressure monitor detects the appearance of irregular heartbeats during measurement and gives a warning signal with readings), **Oxygen Saturation**, and **Pulse Rate** (Pulse oximeter is a non-invasive monitor intended for the spot-check of oxygen saturation of arterial hemoglobin (SpO_2) and the pulse rate of adult and pediatric patients at home and hospital environments (including clinical use in internist/surgery, anesthesia, intensive care), **Blood Glucose Level** (Glucometer is intended for use outside the body / in vitro diagnostic used by people with diabetes at home and healthcare professionals in clinical settings, as an aid to monitor the effectiveness of diabetes control (the system should not be used for diagnosis of diabetes), **Temperature** of the patient from measured from the forehead or object (Thermometer for non-contact measurements). **Scase is intended for adults only**. Values are saved automatically.

1.3. About Scase Device

1. **Touch Screen**
2. **Removable Pulse oximeter clamp**
3. **LED indicator (Pulse oximeter)**
   - **Blue:** Ongoing measurement
   - **Yellow:** The battery of the Pulse oximeter clamp is low
   - **Red:** Error
4. **Front Camera**
5. **Two Thermometer diodes**
   Diodes show the right position of Thermometer
6. **Thermometer**
7. **Power On / Off button**
   When Scase Device is off, press and hold this button for 2 seconds to turn it on.
   When Scase Device is on, press and hold this button for 2 seconds to turn it off.
   When the Touch Screen is off, press this button to power it on.
   When the Touch Screen is on, press this button to get Scase Device to Standby Mode.
8. **USB-C charging port**
9. **LED Indicator**
   - **Blue:** Ongoing measurement
   - **Yellow:** The battery of the Pulse oximeter clamp is low
   - **Red:** Error
10. **Glycemic Test Strips port**
11. **Air Jack**
12. **Back Camera**



weight device: 520 g
weight packege: 1220 g

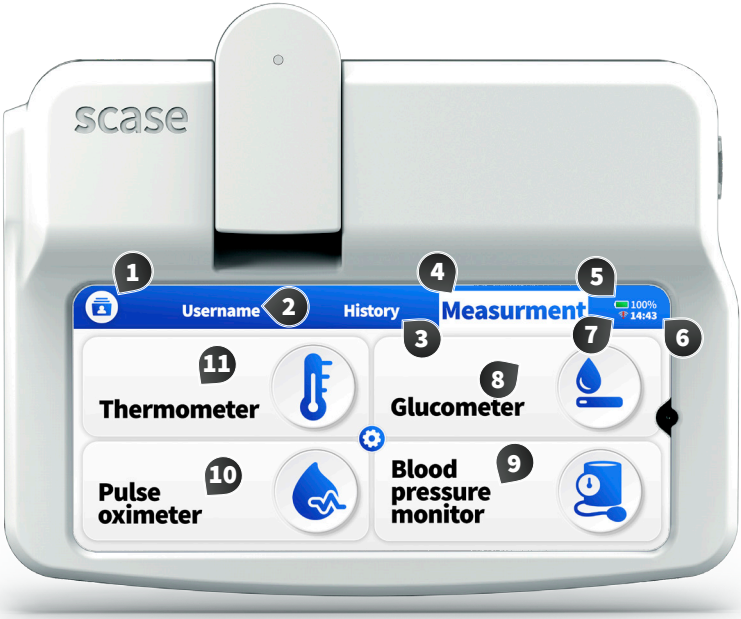
1.4. Patient Database

Patient Database offers you an **overview of all patients** as it is shown below. By choosing a particular patient, you can quickly access their **information**, **measurement history**, or **execute** a **measurement** right away.

1. **Patient Database** (1.4)
2. **Name of chosen patient / Notes**
3. **Measurements history** (2.5)
4. **Measurement screen** (3.)
5. **Battery indicator**
   - Battery scale
6. **Current Time**
7. **Wi-Fi / GSM signal**
   - Wi-Fi signal scale
   - No connection
   - GSM signal scale
8. **Add a new patient** (2.4)
9. **Anonymous measurement** (2.6)
10. **Patient search** (2.4)

1.5. Measurement screen

Measurements from all **four sensors** can be managed from this section. Pressing the ⚙ button gets you to the **Settings** (4) and vice versa.



1. **Patient Database** (2.3)
2. **Name of chosen patient / Notes**
3. **Measurement History** (2.5)
4. **Measurements Screen** (3.1)
5. **Battery indicator**
   - Battery scale
6. **Current Time**
7. **Wi-Fi / GSM signal**
   - Wi-Fi signal scale
   - No connection
   - GSM signal scale
8. **Glucometer button** (3.4)
9. **Blood pressure monitor button** (3.5)
10. **Pulse oximeter button** (3.3)
11. **Thermometer button** (3.2)

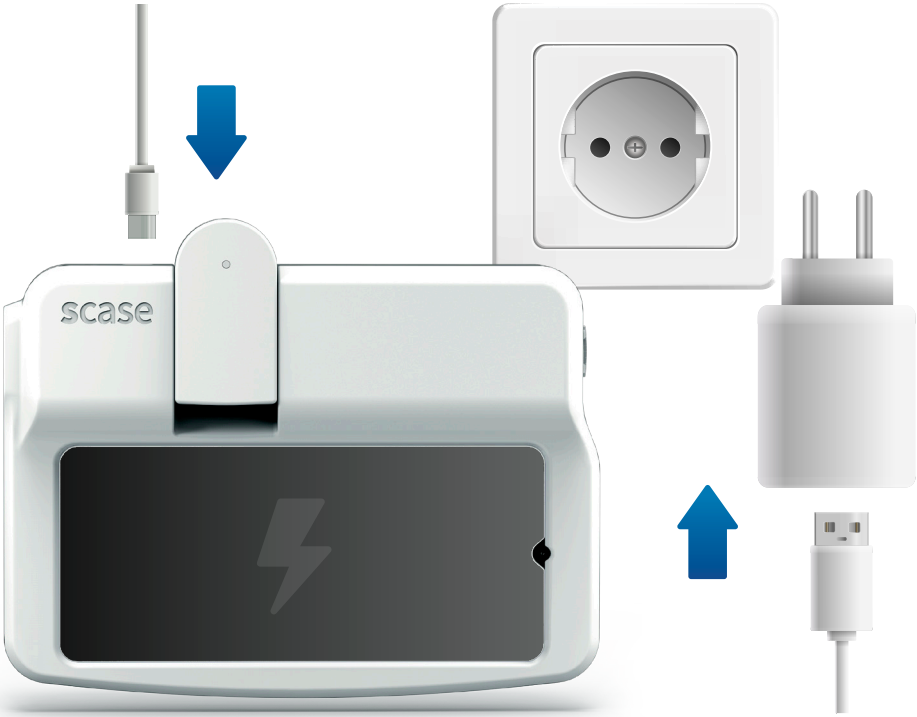
2. Using Scase Device

2.1. Prior to Use

Charge the Battery

To charge the battery:

1. **Connect** the smaller end of the **USB-C charging cable** to the **connector on the device** (1.3)
2. Connect the other end of the **USB charging cable** to the **USB charging port**.
3. Once the **charging process starts**, LED indicator (1.3) **turns yellow**.
4. When the LED indicator (1.3) **turns blue**, it means the **battery is fully charged**.



Power On/Off button

Press the **Power On/Off** button (1.3) to power on/off **the device.**

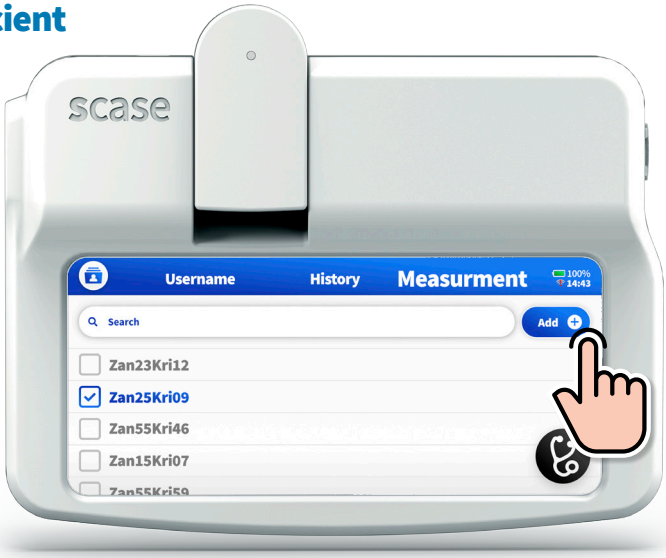
- When **Scase Device is off**
  press and hold this button for 2 seconds to **turn it on**.
- When **Scase Device is on**
  press and hold this button for 2 seconds to **turn it off**.
- When the **Touch Screen is off**
  press this button to **power it on**.
- When the **Touch Screen is on**
  press this button to get Scase **Device to Standby Mode**.

⚠Warnings and Cautionary Advice:

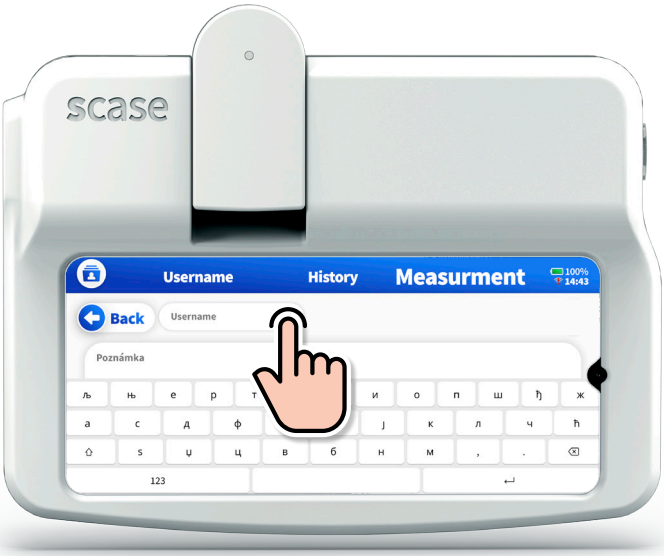
- Scase Device should **not be used for any measurement during charging**.
- Use charging adapter **provided by manufacturer,**
  or USB charging devices with the **standars of IEC 60950**.

2.2. Add & search a patient

Add pacient



1. By clicking Add on the **Patient Database screen** (2.3) you can easily **record a patient to the Scase device**.



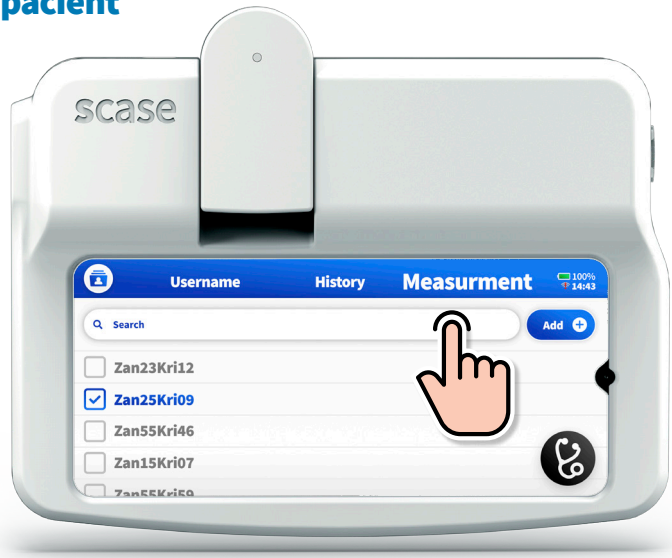
2. Simply type the **identification number**, **code**, or **name** of the patient to the column.

Back - **return** to the **Patient Database screen** (2.3).

- **confirm** the information and record the patient to the **Patient Database**. After this, you will be transferred to the **Patient Database screen** (2.3).

ID already taken - patient has been **already recorded** to the **Patient Database**, try to search this patient via the **Search function**.

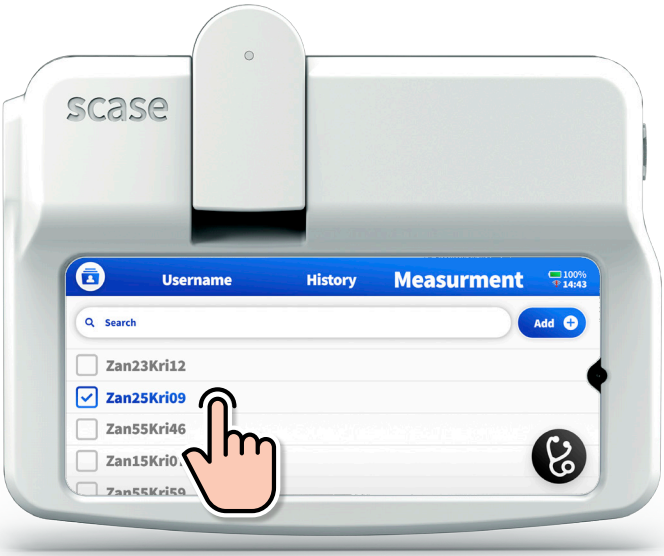
Search pacient



1. By **clicking** Search on the **Patient Database screen** (2.3) it is possible to quickly **search** for a chosen patient in the **Patient Database**.

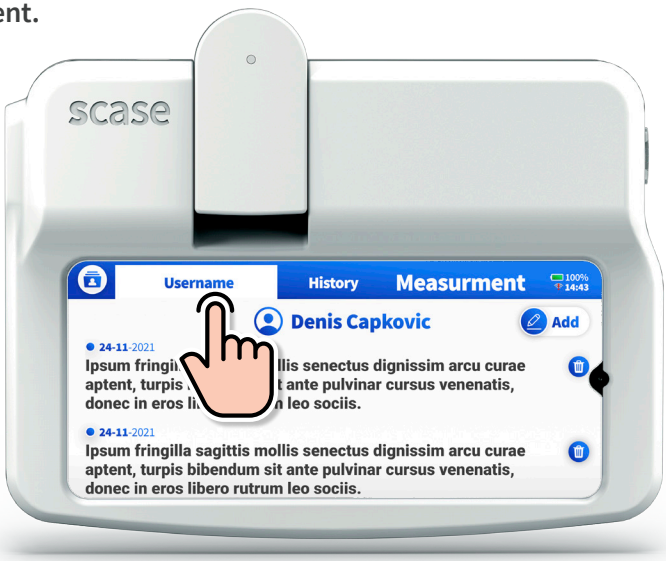
2.3. Patient Database screen

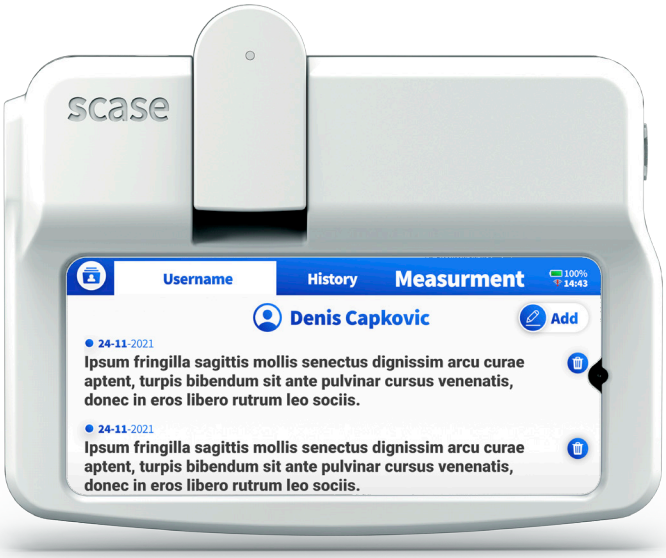
Once the patient is chosen, there are **three major sections** (**Notes**, **Measurements history** & **Measurement** – further described in 3.) that can be explored over the **profile of every patient**.



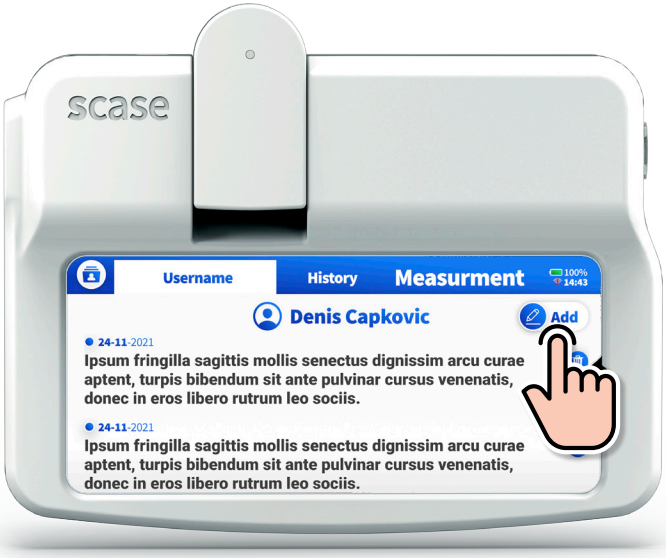
Notes

1. By clicking on the patient number, code, or name on the left corner of top panel of the **Patient Database screen** (2.3), you can add a unique note for each patient.





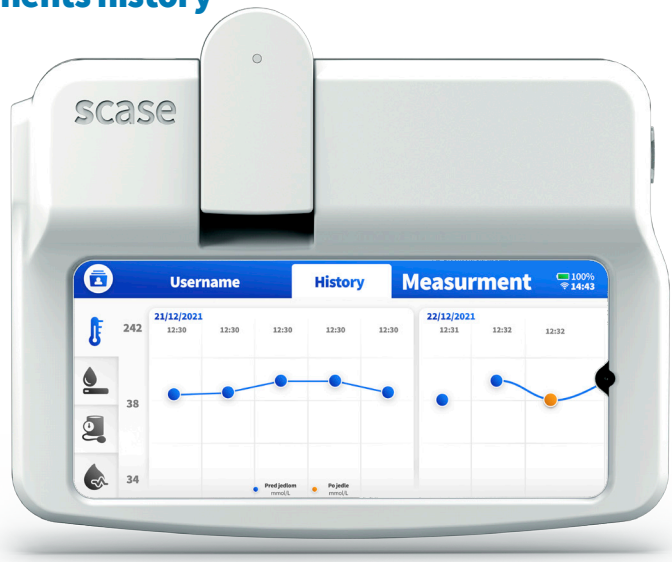
2. In the **Notes section**, you can **read** and **add notes** regarding the **patient health status**. Notes are sorted from newest to oldest ones.



Add - add a **new note**.

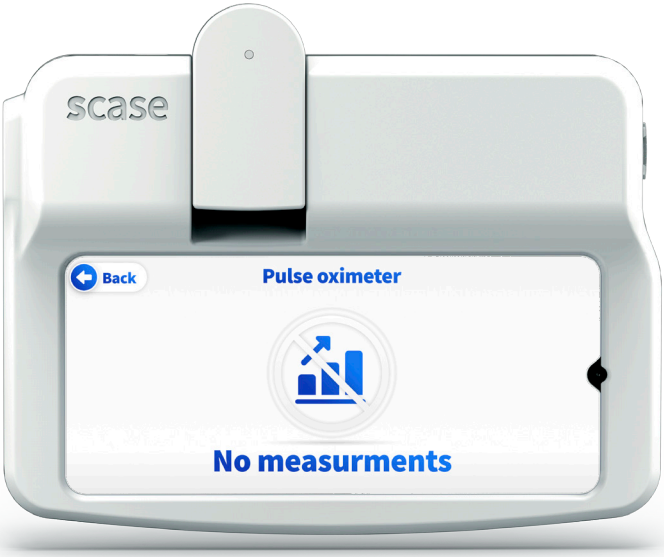
- return to the **Patient Database screen** (2.3).

Measurements history



1. By clicking on **History** located at the top panel of the **Patient Database screen** (2.3), you can explore **recent measurements** of the chosen patient.
2. **Patient Measurement history** is divided into **4 categories** based on the **type of measurement** which was made.

No previous Measurements



If there were **no measurements taken**, the picture above will be shown.

Previous Measurements

All **taken measurements** are displayed in form of **interactive graphs**. Measurements are divided into **4 categories** (**Temperature**, **Blood glucose level**, **Blood pressure**, and **Oxygen saturation**) based on the **type of measurement** which was made:

By clicking , you can explore **Temperature** Measurement history.

By clicking , you can explore **Blood glucose** Measurement history.

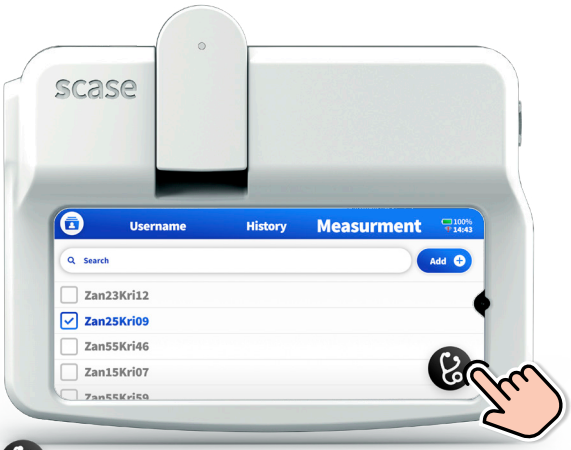
By clicking , you can explore **Blood pressure** Measurement history.

By clicking , you can explore **Oxygen saturation** Measurement history.

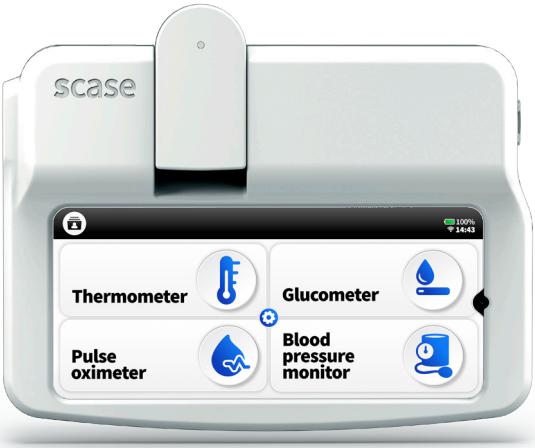
By **clicking** on the **dot** , **details of a particular measurement** are displyed.
- return to the **Measurement history**.

2.4. Anonymous Measurement

Anonymous measurement can be used for measurement of **random patient**, the person who is **not your patient** or basically person you do **not wish to be recorded** to the **Patient Database** of Scase Device.



1. By clicking on the **Patient Database screen** (2.3), you can **quickly** measure in the **Anonymous Mode**.

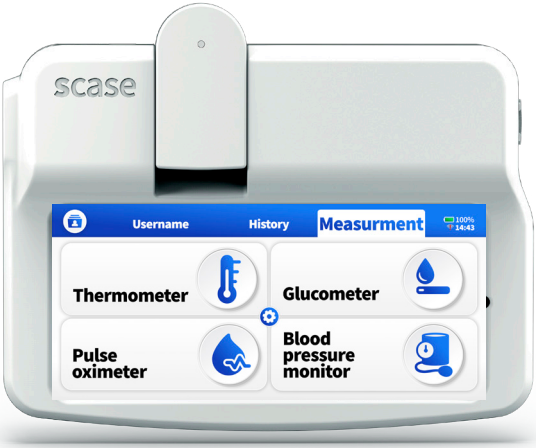


2. **Screen of Scase Device** turns to **gray** and you can choose which measurement you would like to execute.
   - return to the **Patient Database screen** (2.3).
   - **Settings** (4.)

⚠ Note – **none of the measured data in the Anonymous mode are recorded to the Patient Database.**

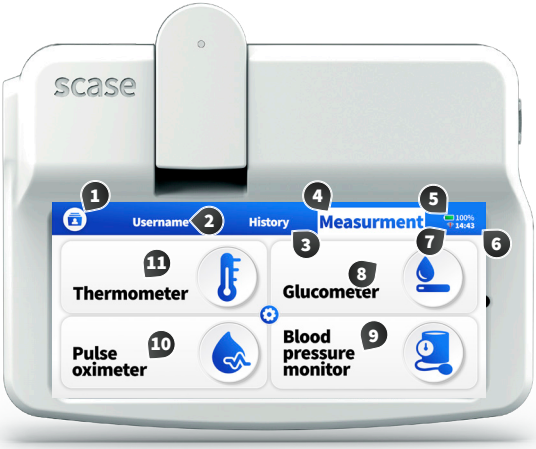
3. Measurements

By clicking on **Measure** located at the top panel of the **Patient Database screen** (2.3), you can start with the measurement process of the chosen patient.



3.1. Measurements Screen

Measurements from all **four sensors** can be managed from this section. Pressing the ⚙ button gets you to the **Settings** (4) and vice versa.



1. **Patient Database** (2.3)
2. **Name of chosen patient / Notes**
3. **Measurement History** (2.5)
4. **Measurements Screen** (3.1)
5. **Battery indicator**
   - Battery scale
6. **Current Time**
7. **Wi-Fi / GSM signal**
   - Wi-Fi signal scale
   - No connection
   - GSM signal scale
8. **Glucometer button** (3.4)
9. **Blood pressure monitor button** (3.5)
10. **Pulse oximeter button** (3.3)
11. **Thermometer button** (3.2)

3.2. Thermometer
About Thermometer

Non-contact Thermometer enables the user to measure temperature quickly, at a distance, and without touching the object which is measured.

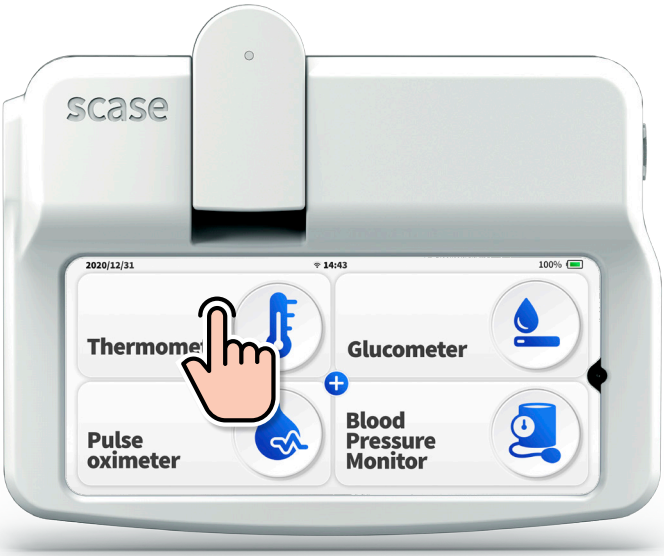
⚠ Warnings and Cautionary Advice:

- The **Thermometer and the patient must remain** in a stable environment for **at least 30 minutes before measuring** the body temperature.
- The **physiological effect called vasoconstriction** can occur in the early stages of **fever resulting in a cool skin effect**. The temperature measured using this Thermometer may **therefore be unusually low**.
- Readings from **different measuring sites** (e.g. forehead, temple, oral, auxiliary, rectal) should **not be compared** as the normal body temperature **varies by measuring site and time of day**. The patient should take the **temperature always in the same location**.
- If the **measurement result is not consistent** with the patient's finding or unusually low, the patient **should repeat the measurement every 15 minutes** or **double-check** the result by another **core body temperature measurement**.
- In the following situations it is recommended that **three temperatures are taken with the highest one taken as the reading**:
    1. When the **user is learning how to use** the Thermometer for the first time until the patient has familiarized with the device and obtains consistent readings.
    2. If the measurement is **surprisingly low**.
- Only the **temperature of patients** older than **5 years can be measured**.
- Patients should **not drink, eat or exercise** before/while **taking the measurement**.
- The measurement results given by Scase Device are **not a diagnosis**. It is not **replacing the need for the consultation of a physician**, especially if not matching **the patient's symptoms**. Patients cannot rely on the measurement result only they always consider other potentially occurring symptoms. **Calling a doctor or an ambulance is advised if needed**.

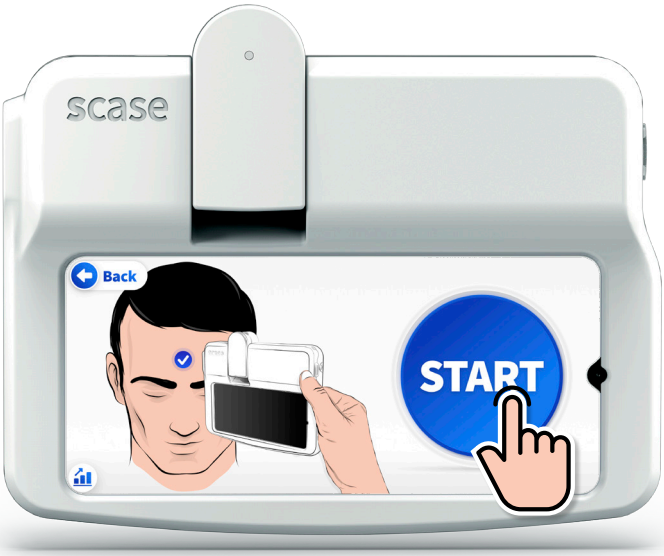
Taking Temperature Measurement

To start a temperature measurement

1. In the **Dashboard** (1.4), click the **Thermometer** button.



2. Click **Start**, temperature measurement starts after a short **beep**

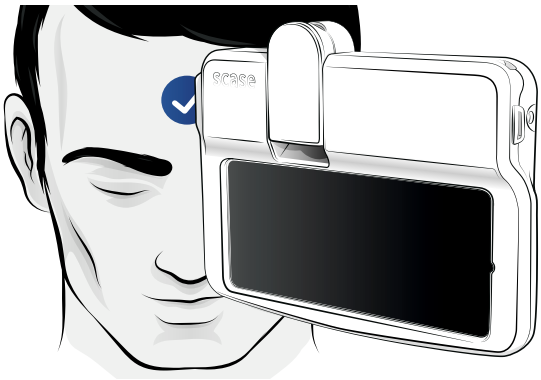


Back – return to the **Dashboard** (1.4).

History – all previous measurements are displayed.

Anonymous Measurement – measurement will start right away and will not be assigned to your patient profile or recorded to the history. The result cannot be discarded.

3. Locate the **Thermometer** (1.3) placed on the left side of Scase Device in the middle of your forehead.

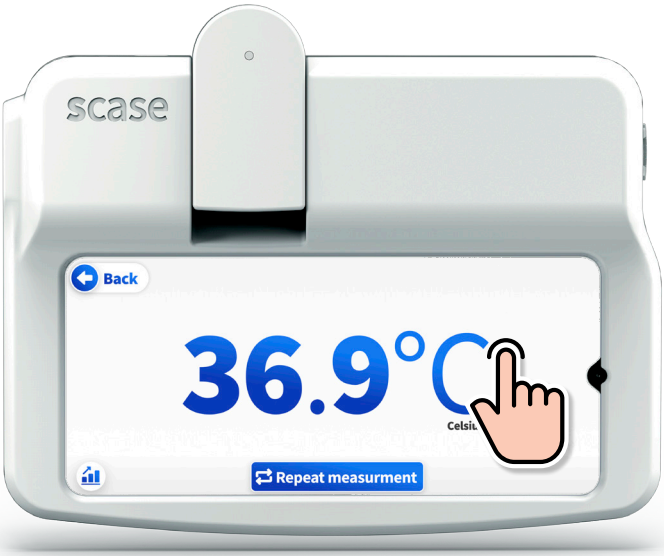


Temperature measurement executed by someone else:

Move Scase device / Thermometer sensor (1.3) towards the **middle of the patient´s forehead**, keep the device in horizontal position and wait until a **single circle on the forehead is illuminated**. Hold still.
The circle marks the ideal measurement distance.

⚠ Note - **The sensor must be positioned correctly within 5 seconds after starting the measurement.**

4. Keep the sensor **in the middle of the forehead**. During the measurement, on the display, a **circle is slowly filled up**. Once the measurement is concluded, **you will hear a short beep**.



5. Take down the device, **the screen shows the measurement results** in °C. Please note, you can discard the measurement by pressing Cancel measurment. Measurement can be discarded within 10 second until you hear a short beep.

Back **Back** – return to the **Dashboard** (1.4).

History – all previous measurements are displayed.

Repeat measurment **Repeat Measurement** – pressing the button, you can repeat the measurement.

Troubleshooting

Problem	What it means	Solution
Measured Temperature **too high**	Measured temperature **higher than 43°C**	**Repeat the measurement**
Measured Temperature **too low**	Measured temperature **lower than 34°C**	**Repeat the measurement**
Ambient Temperature **out of range**	Ambient temperature **lower than 16° or higher than 40°C**	**Repeat the measurement**
Unstable Temperature	Temperature instability	**Repeat the measurement.** Aim the sensor in the middle of the forehead and hold still during the measurement
⚠ Please contact us via Customer **support** (5) in case of persisting problems.		

3.3. Pulse oximeter

About Pulse oximeter

The Pulse oximeter measures the amount of oxygen in blood, pulse rate, and pulse index. The oxygen saturation (SpO_2) is measured and displayed as percentage of full capacity.

⚠ Warnings and Cautionary Advice

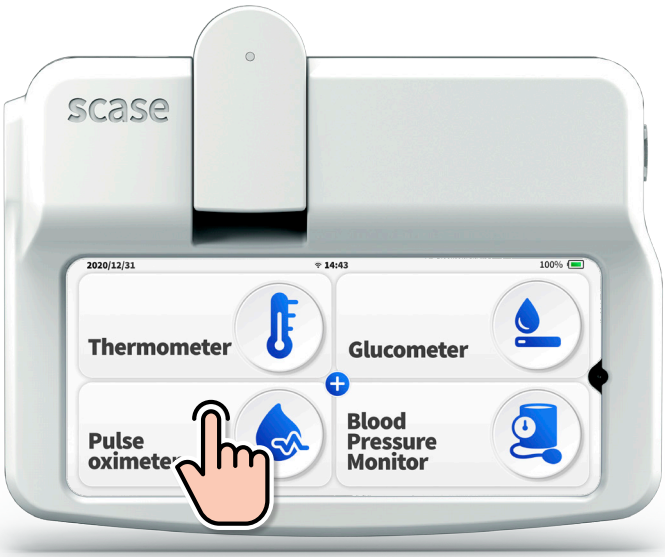
The Pulse oximeter should not be used:

1. By people **allergic to rubber products** and people **experiencing trembling hands**.
2. For measurement on **small children** or **babies**.
3. During **MRI, CT scan**, and **blood pressure measurements**.
4. To **avoid incorrect readings**, the patient should keep the Pulse oximeter **out of the direct sunlight** or from **strong light sources**.
5. It is advised to **not take measurements on the thumb**, but a middle, **ring, or index finger** should be used.

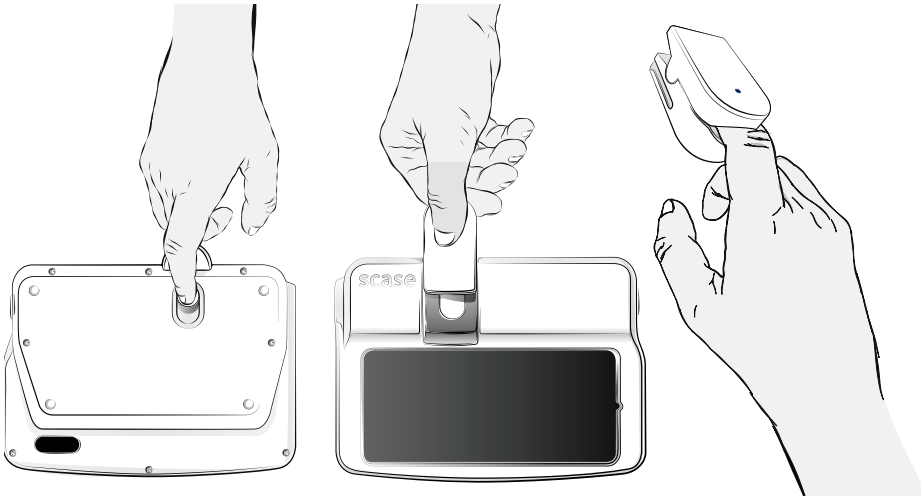
Taking Oxygen Saturation Measurement

To start the Pulse oximeter measurement

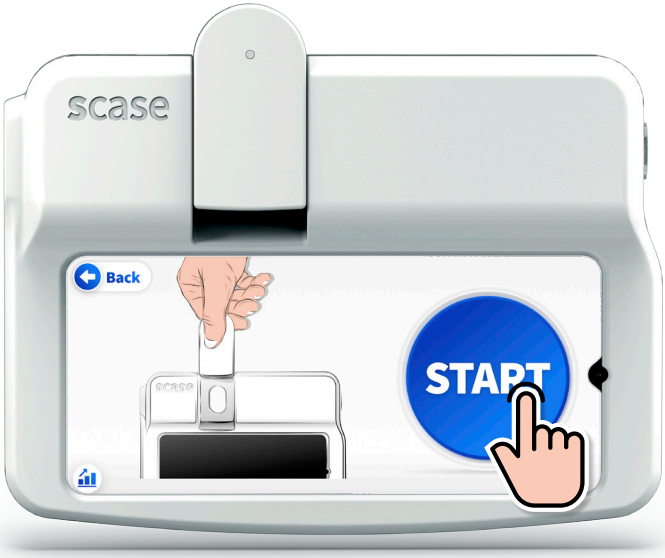
1. In the **Dashboard** (1.4), click the **Pulse oximeter** button.



2. Open the Pulse oximeter clamp (1.3) and place the middle, **ring, or index finger** into the rubber opening of the **Pulse oximeter**. Nail of the finger must point **upwards as in the picture**.



3. Click Start, **oxygen saturation** measurement starts **after a short beep**.

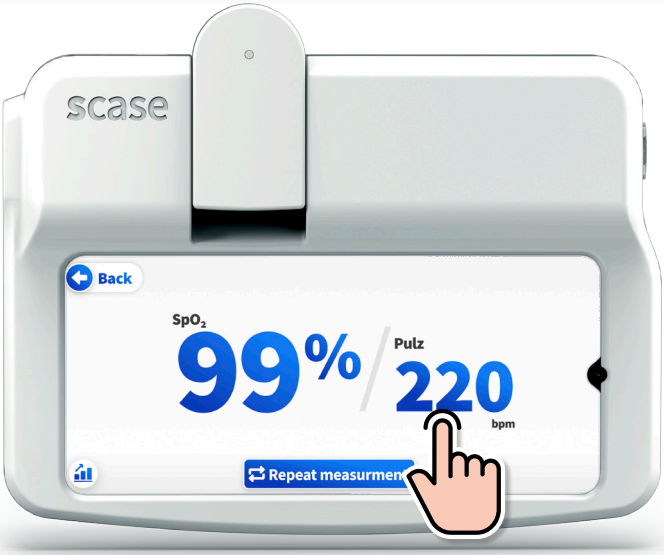


Back **Back** – return to the **Dashboard** (1.4).

History – all previous measurements are displayed.

Anonymous Measurement – measurement will start right away and will not be assigned to your patient profile or recorded to the history. The result cannot be discarded.

⚠ Note - **1. Keep your hand still during the measurement.**
2. Woman with small hands should use thumb



4. **The screen shows the measurement results.** Please note, you can discard your measurement by pressing Cancel measurment . Measurement **can be discarded within 10 seconds** until you hear a short beep.

Back **Back** – return to the **Dashboard** (1.4).
History – all previous measurements are displayed.
Repeat measurment **Repeat Measurement** – pressing the button, you can repeat the measurement.

Troubleshooting

Problem	What it means	Solution
LED on the Pulse oximeter (1.3) **turns to yellow**	The Pulse oximeter is running out the power	**Insert the Pulse oximeter clamp to Scase Device and wait until it´s fully charged**
Measurement failed	Measurement was not successfully completed	**Retry the measurement: Keeping your hands still, Changing fingers, Making sure that inserted finger is all the way inside of the Pulse oximeter**
⚠ Please contact us via Customer **support** (5) in case of persisting problems.		

3.4. Blood pressure monitor

About Blood pressure monitor

Blood pressure monitor measures the diastolic, systolic blood pressures and pulse rate for adult population at home and hospital facilities.

⚠ Warnings and Cautionary Advice:

The patient should **always be seated** and **calm** before and during **measurement.**

Comparable blood pressure measurements always require the same conditions:

- Conditions should **always be quiet**
- All efforts by the user to support the arm can increase blood pressure. The patient has to be in a **comfortable, relaxed position** and is advised to **not flex any of the muscles** in the measurement arm **during the measurement**.
- If the **arm artery lies** considerably **lower or higher** than the heart, erroneously **high or low blood pressure will be measured!** Each **25-30cm difference in height between a heart and the cuff** results in a measurement **error of 10 mmHg**
- **Cuffs that are too narrow or too short** result in false measurement values. **Selecting the correct cuff is extremely important**. Cuff size is dependent upon the circumference of the arm (measured in the center). **The permissible range is printed on the cuff**
- **Cuff works** under the pressure **range: 0-300 mmHg**
- **The wide range** rigid cuff is: **22 – 40 cm**

The patient should use approved cuffs:

- A **loose cuff** or a **sideways protruding air pocket** causes **false measurement values**
- With **repeated measurements, blood accumulates** in the arm, which can lead to **false results**
- **Consecutive** blood pressure **measurements** should be **repeated** after **1-minute pause** or after the **patient´s arm has been held up** in order to allow the **accumulated blood to flow away**. If patients decide to take the Averaging Mode measurement again, they have to be sure to wait at least one minute beforehand.

Before Measurement:

- Avoid **eating** and **smoking** as well as **all forms of exertion directly before measurement**. These factors influence the measurement result. **Find time to relax by sitting in an armchair** in a quiet atmosphere for about **ten minutes before taking a measurement**.
- **Remove any garment** that fits closely to your **upper arm**.
- Always measure **on the same arm** (normally left)
- Always **compare measurements** taken at the **same time of day**, since **blood pressure changes during the course of the day**, as much as 20-40 mmHg.

How to sit correctly:

- To take **measurement**, you **need to be relaxed and comfortably seated**. Sit in a chair with **your legs uncrossed and your feet flat on the floor**. Sit your **back and arm being supported**. Place your arm on a **table so the cuff is level with your heart**.

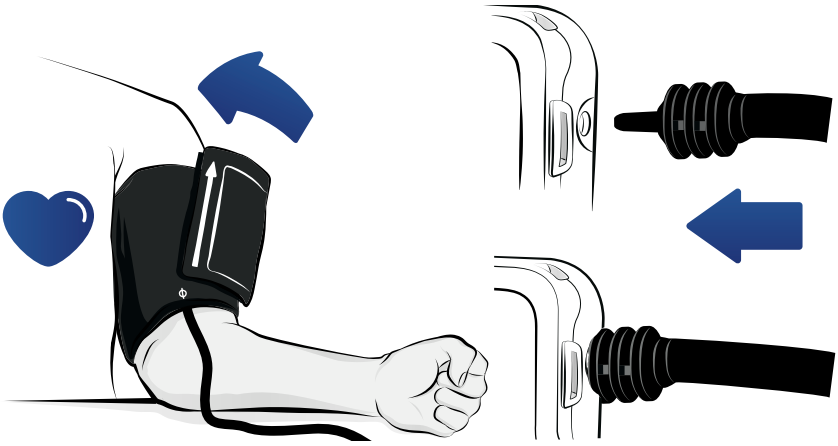
Applying the Arm Cuff:

- The cuff is performed for easier use. **Remove tight or bulky clothing** from your **upper arm**.
- **Wrap** the **cuff around your upper left arm**. The rubber tube should be on the **inside of your arm extending downward to your hand**. Make certain the **cuff lies approximately 1 to 2 cm above the elbow**. The on the **edge of the cuff (Artery Mark) must lie over the artery** which runs down the **inner side of the arm**.
- To **secure the cuff**, wrap it around your arm and **press the hook and loop closure together**.
- There should be **little free space between your arm and the cuff**. You should be able to **fit 2 fingers between your arm and the cuff**. Cuffs that do **not fit properly result in false measurement values**. **Measure** your arm **circumference** if you are **not sure of proper fit**.
- Lay your **arm on a table** (palm upward) so the **cuff is at the same height as your heart**. Make sure the **tube is not kinked**.
- **Remain seated quietly** for at least **two minutes before you begin the measurement**.

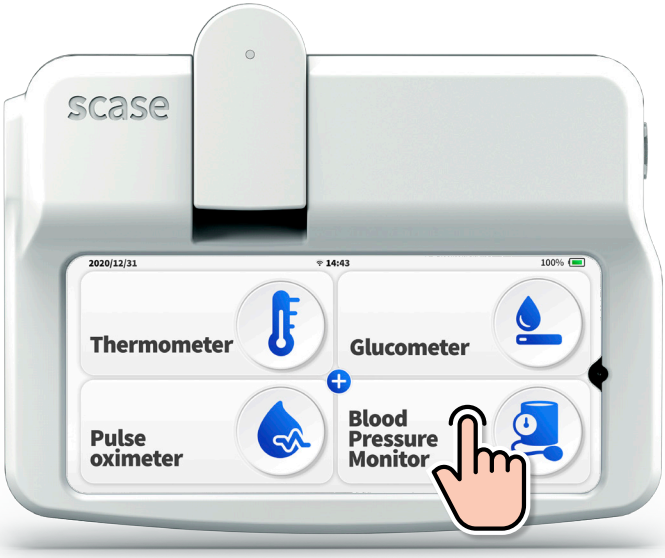
Taking Blood preassure measurement

To start the Pulse oximeter measurement

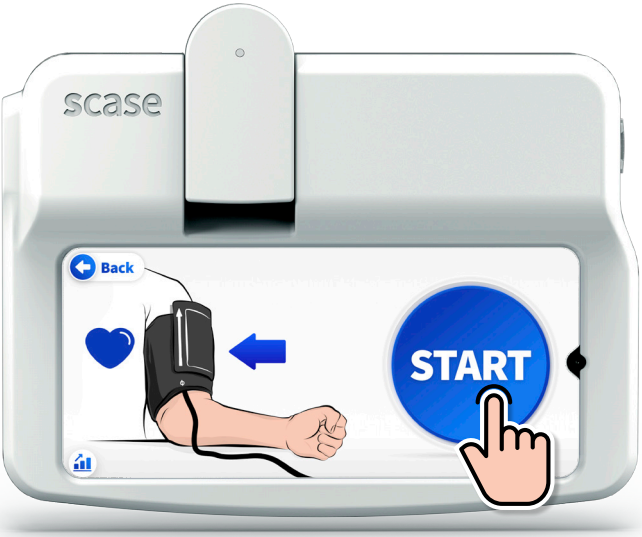
1. Wrap the cuff around the upper arm and **plug the cuff cable** to the Air Jack (1.3).



2. In the **Dashboard** (1.4), click the **Blood pressure monitor button**.



3. For **starting** the measurement, **tap the Start icon**.

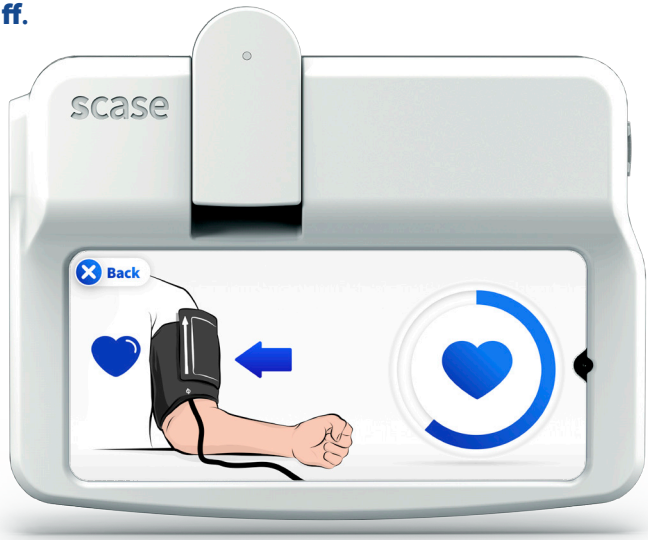


Back **Back** – return to the **Dashboard** (1.4).

History – all previous measurements are displayed.

Anonymous Measurement – measurement will start right away and will not be assigned to your patient profile or recorded to the history. The result cannot be discarded.

4. Measurement starts after a short beep and the pump **begins to inflate the cuff**.



5. During the measurement, on the display, a **circle is slowly filled up**. Once the **measurement is concluded**, you will hear a **short beep**.

6. The screen shows the measurement results. Please note, you can discard your measurement by pressing Cancel measurment . Measurement can be discarded within 10 seconds until you hear a short beep.

Back **Back** – return to the **Dashboard** (1.4).

History – all previous measurements are displayed.

Repeat measurment **Repeat Measurement** – pressing the button, you can repeat the measurement.

Troubleshooting

Problem	What it means	Solution
No Inflation	**Cuff cannot inflate in time**	**Insert plug into the air socket tightly**
Error and stop working	**Measurement was not successfully completed**	**Keep the body and arm still during metasurement**
Cuff leak	Cuff cannot inflate in time	**Wrap the cuff tightly**
⚠ Please contact us via Customer **support** (5) in case of persisting problems.		

3.5. Glucometer

About Glucometer

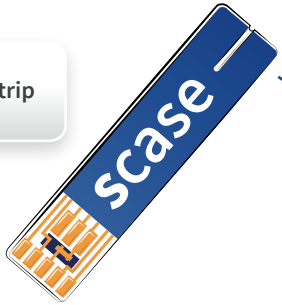
Glucometer determines an approximate concentration of glucose in fresh capillary whole blood. Glucose test is based on measurement of electrical current caused by the reaction of the glucose with the reagents on the electrode of the test stripand pulse rate for adult population at home and hospital facilities.

⚠ Warnings and Cautionary Advice:

- Glucometer is pre-set to display blood glucose concentration in either **millimoles per liter** (mmol/L) or **milligrams per deciliter** (mg/dL) depending on which unit of measure is **standard in the patient´s country**
- The **strip port** area should **remain clean**.
- The meter and all associated parts should be **kept out of reach of children**.
- The **Glycemic Test Strips** should be kept in the **original vial**. Tightly close the vial immediately after the test strip has been removed
- **Patient** hands should be **washed** and **dried** well before and after testing.
- **Test strips** and **lancets** are for **single use only**.
- Patient should **not drop blood directly** on the flat surface of the **test strip**
- Only **Scase 2in1**. **MaX** test strips should be used with the Scase System.
- Only **Scase 2in1**. **MaX** control solution should be used with your Scase System.
- Healthcare professionals or people using this system on **multiple patients** should follow the **infection control procedure** approved by their facility. **All products** or **objects**, which come in **contact with human blood**, even after cleaning, should be handled as if capable of transmitting viral disease.

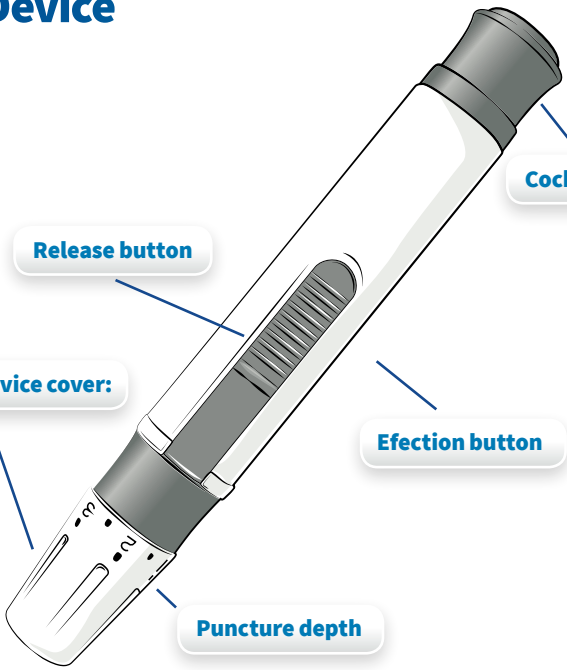
Test Strip

Electrode end:
This end inserted into the test strip port on the device facing up



Sample tip:
Where the blood is drawn in

Lancing Device



Cocking barrel

Release button

Lancing device cover:

Efection button

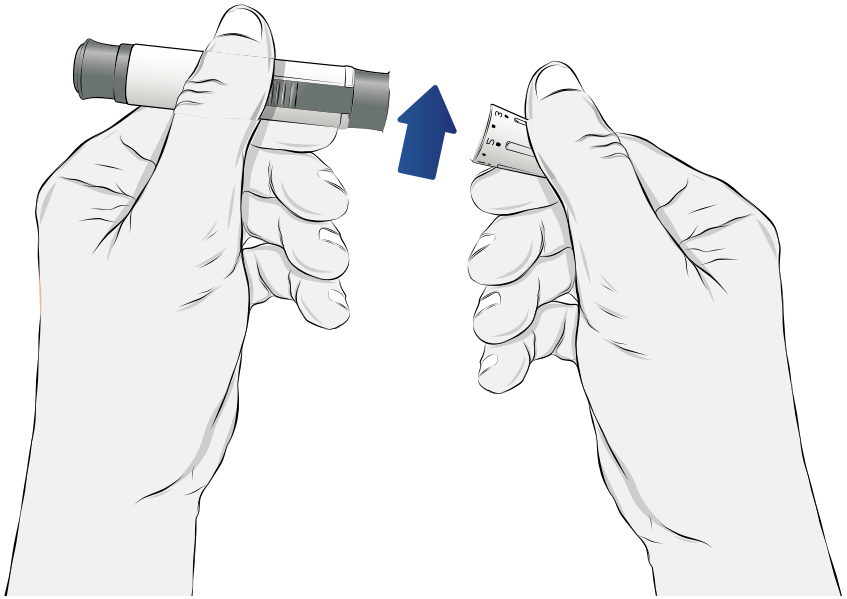
Puncture depth

Lancet

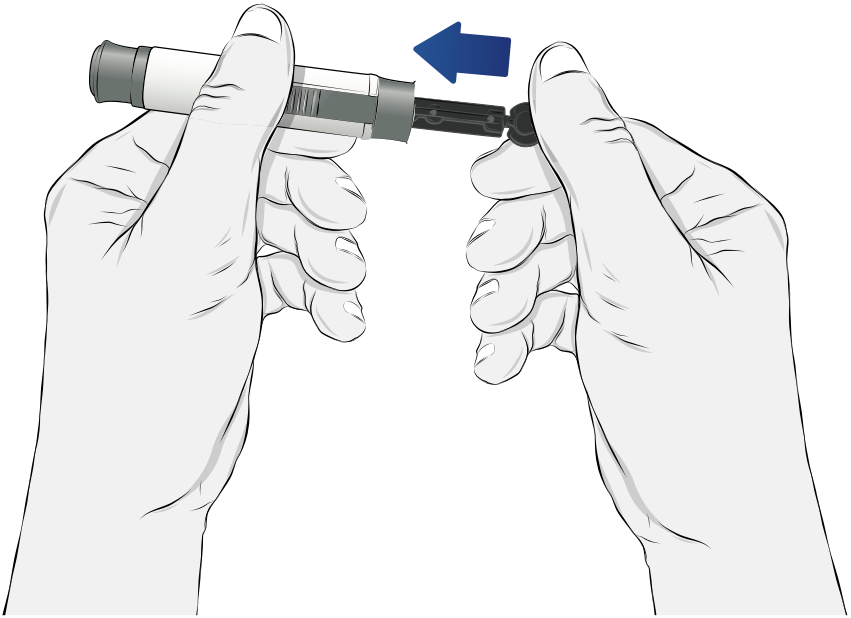
Safety tab

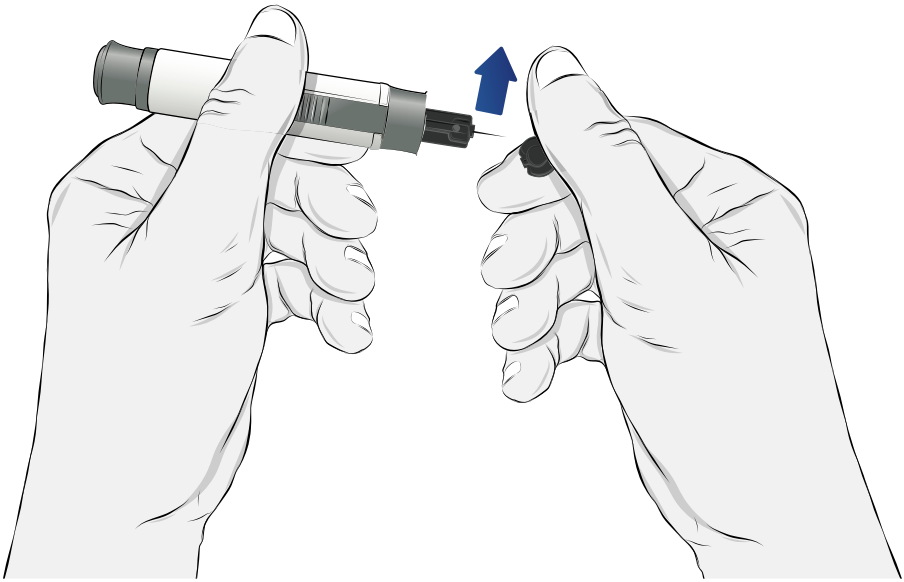
Sterille lancet

Preparing the Lancing device

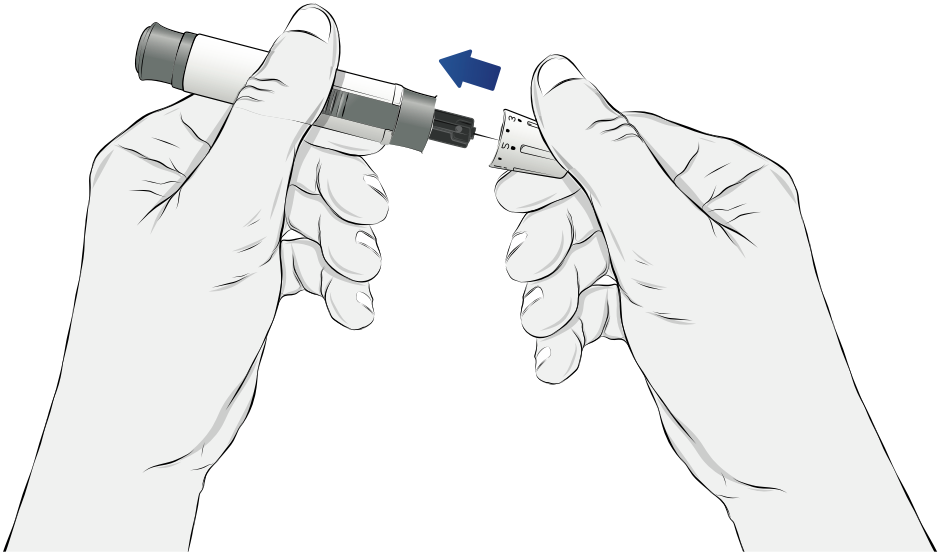


1. Unscrew the **Lancing device cover** from the body of the Lancing device. Insert a **sterile lancet** into the Lancing device and **push it** until the lancet comes to a **complete stop** in the Lancing device.

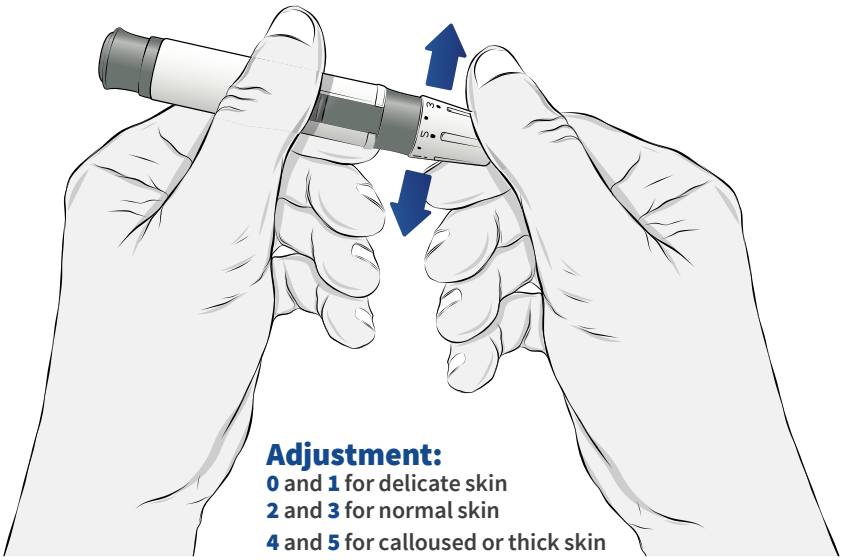




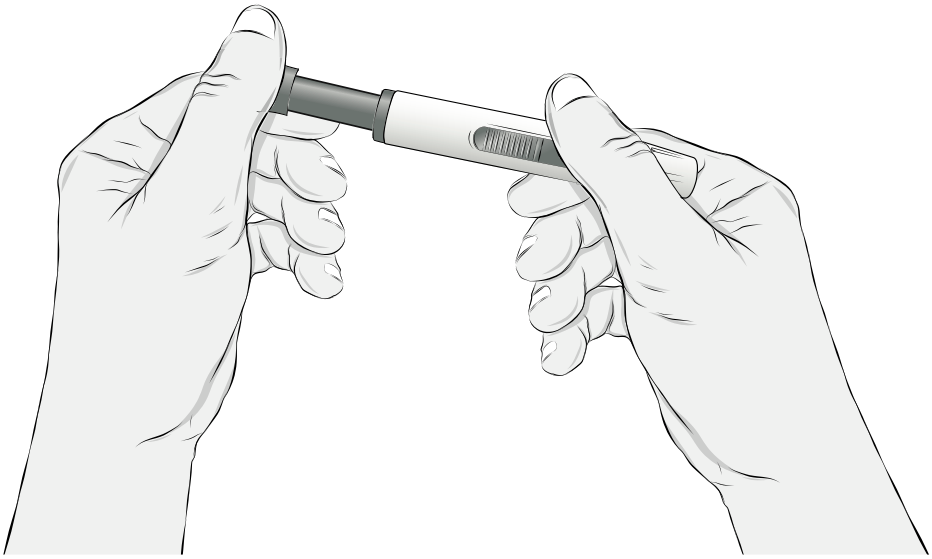
2. Hold the **lancet** firmly in the Lancing device and **twist the safety tab** of the lancet until it loosens, then **pull the safety tab off** the lancet. Save the **safety tab** for **disposing** of used lancet.



3. Carefully **screw the cover back** onto the Lancing device. **Avoid contact** with the **exposed needle**. Make sure the **cover is fully sealed** on the Lancing device.



4. **Adjust the puncture depth** by rotating the Lancing device cover. There are a total of **11** puncture depth settings. To reduce the discomfort, use the **lowest setting** that still produces **an adequate drop of blood**.



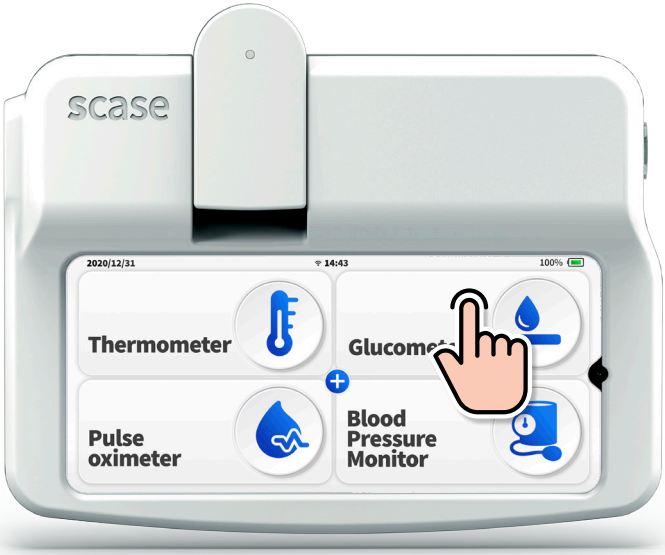
5. **Pull the cocking barrel** back to set the Lancing device. You may hear a **click**, while the **release button changes to orange** color to indicate the Lancing device is now **loaded** and ready for obtaining a **drop of blood**.

Taking Blood glucose measurement

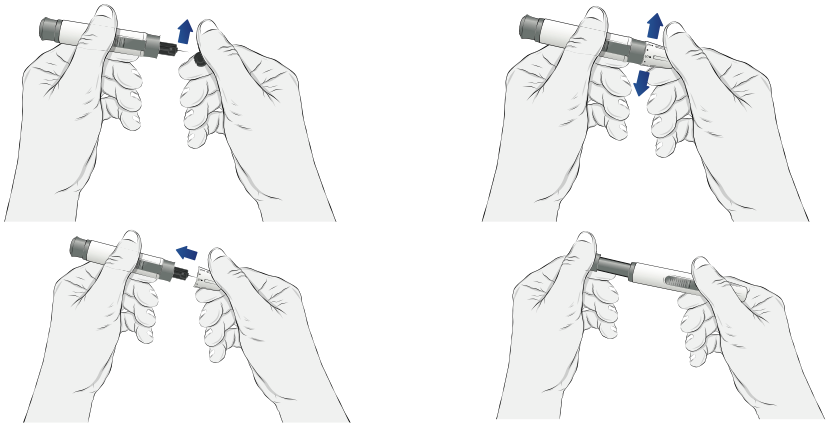
⚠ Important: **Prior to testing, wipe the test site with an alcohol swab or soapy water. Use warm water to increase blood flow if necessary. Then dry your hands and the site thoroughly.**

To start a Blood glucose measurement

1. In the **Dashboard** (1.4), click the **Glucometer button**.



2. Follow the steps regarding **preparing the Lancing device above**.

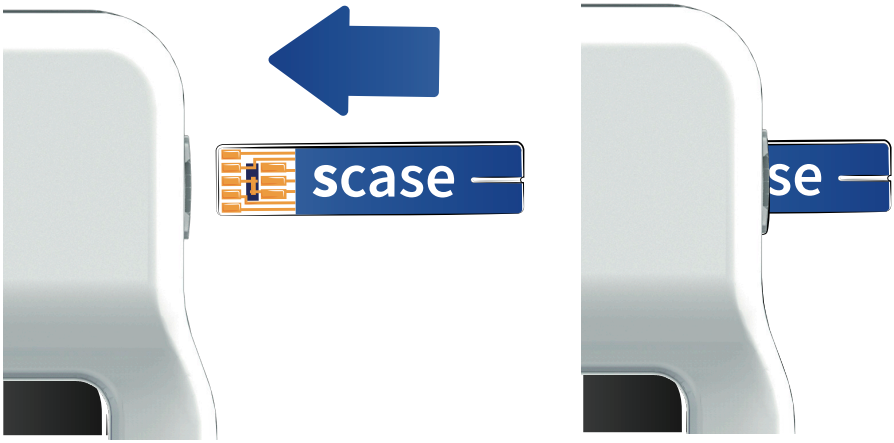


3. For **starting** the measurement, tap the **Start icon**, measurement starts after a **short beep**.

Back **Back** – return to the **Dashboard** (1.4).

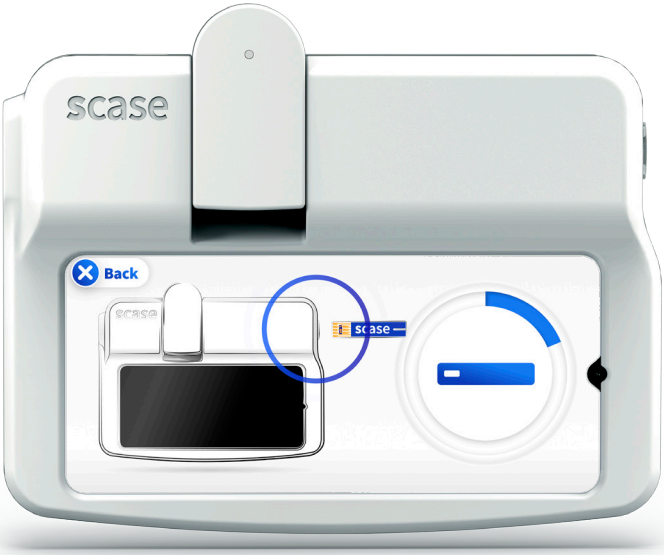
History – all previous measurements are displayed.

Anonymous Measurement – measurement will start right away and will not be assigned to your patient profile or recorded to the history. The result cannot be discarded.

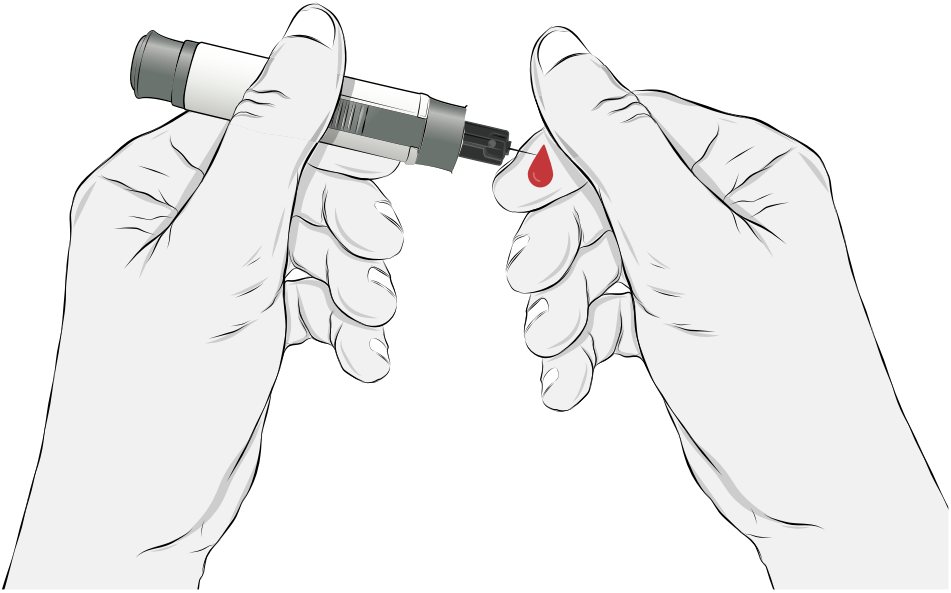


4. Remove a **test strip** from the strip vial. **Tightly close the vial** cap immediately after you have **removed the test strip**. Insert the test strip into Glycemic **Test Strips port** (1.3) in the **direction of the arrows.**

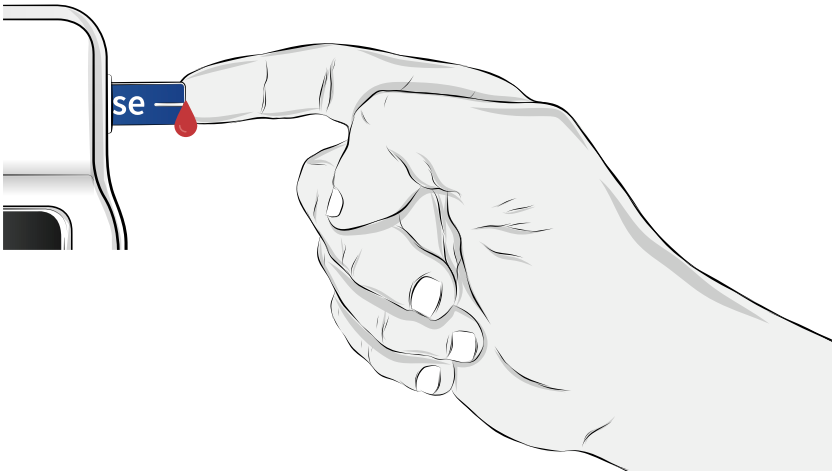
5. Simultaneously, on the screen a **blue circle is loading** until the test strip is not inserted into the **Glycemic Test Strips port** (1.3).



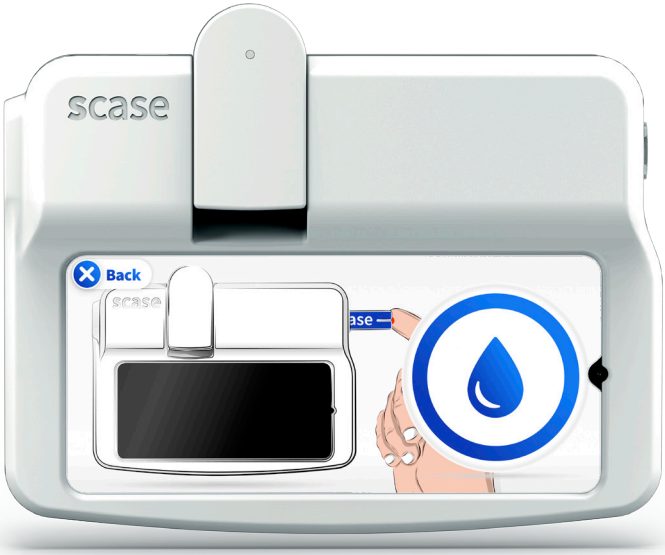
6. Press the Lancing device **against the side of the finger** to be lanced with the cover resting on the finger. **Push the release button** to prick your fingertip. You should hear a **click** as the Lancing device activates.



7. **Gently massage** from the **base of the finger to the tip of the finger** to obtain the **required blood volume**. Avoid smearing the drop of blood. For the greatest reduction in pain, lance on the sides of the fingertips. **Test immediately** after a good **blood drop has formed**.

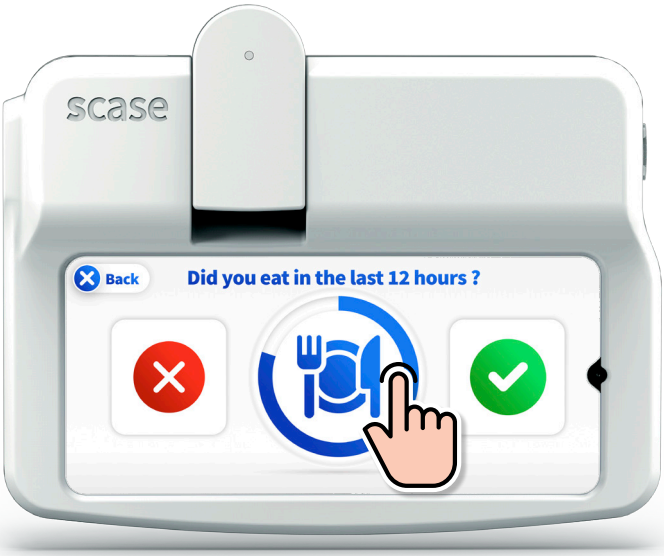


8. Immediately **touch the tip** of the test strip to the **drop of blood**. The blood pulled **into the test strip through the tip**. Make sure that the blood sample has been **fully filled** the check window on the strip tip.



⚠ Note: **If the blood sample does not fill the check window, do not add a second drop. Discard the test strip and start over with a new test strip.**

9. Simultaneously, on the screen a **blue circle is loading until the blood** sample has **fully filled the strip tip**.



10. Wait, the measurement is processing. Once done, please **answer whether you have eaten in last couple of hours**.

11. The screen shows the measurement results. Please note, you can discard your measurement by pressing Cancel measurment . Measurement can be discarded within 10 second until you hear a short beep.

Back **Back** – return to the **Dashboard** (1.4).

History – all previous measurements are displayed.

Repeat measurment **Repeat Measurement** – pressing the button, you can repeat the measurement.

12. Discard the used test strip by hand.

⚠ **Potential Biohazard: Dispose of the used test strips as medical waste.**

Expected Diabetes control goal: Blood glucose values will vary depending on food intake, medication dosages, health, stress, or exercise. Ideally, to control the glucose level as close to a normal (non-diabetic) blood glucose level as you safely can.

The American Diabetes Association suggests the following targets for most non-pregnant adults with diabetes. More or less stringent glycemic goals may be appropriate for each individual. In real life, consult your health care professional for the target value that is appropriate for you.

Expected blood glucose levels for most non-pregnant adults with diabetes:

Time	Range, mg/dL	Range, mmol/L
Before a meal	**70-130**	**3.9 - 7.2**
1-2 hours after beginning of the meal	Less than **180**	Less than **10**

⚠ Warning:

- If your blood glucose reading **is under 2.8 mmol/L**, contact your healthcare professional as soon as possible
- If your test result **is above 13.9 mmol/L**, contact your healthcare professional as soon as possible.
- **Do not change** your medication therapy **based on Scase System test result** before **consulting your healthcare provider**.

Questionable or Inconsistent Results:

If your blood glucose result does not match how you feel, please

- Check the expiration date and the discard date of the test strip. Make sure that the test strip vial has not been opened for more than **6 months**.
- Confirm the temperature in which you are testing is between **5** and **45°C** (41-113°F).
- Make sure that the test **strip vial** has been **tightly capped**.
- Make sure the test strip has been **stored in cool, dry place**.
- Make sure the test strip was used immediately after removing from the test **strip vial** or **foil pouch**.
- Make sure that you followed the **test procedure correctly**.

After checking all of the conditions listed above, repeat the test with a new test strip.

Removing the Used Lancet

1. **Unscrew** the **Lancing device cover**. Place the safety tab of the lancet on a hard surface and carefully insert the lancet needle into the safety tab.
2. **Press** the **release button** to make sure that the lancet is in the extended position. **Slide the ejection button forward** to discard the used lancet. Place the **Lancing device cover back** on the Lancing device.

⚠ **Potential Biohazard:** Always dispose of the used lancet properly to prevent injury or contamination to others.

⚠ Caution

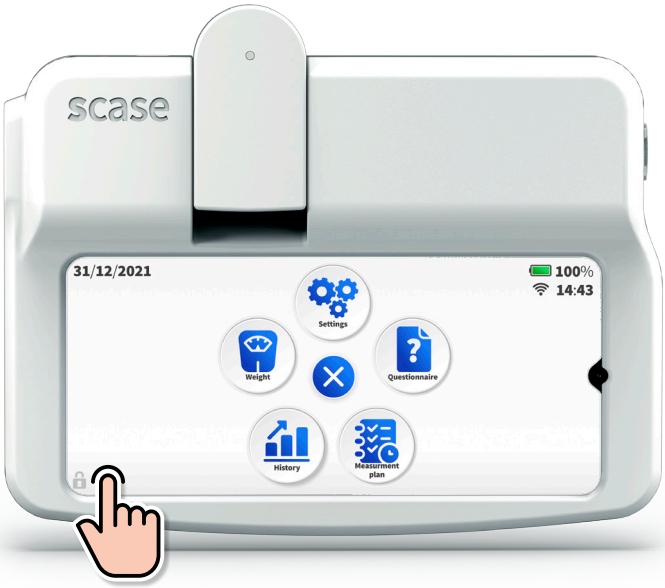
- Do not use the lancet if the safety tab is missing or loose when you take the lancet out of the bag.
- Do not use the lancet if the needle is bent.
- Be cautious whenever the lancet needle is exposed.
- Never share lancets or the Lancing device with other people to prevent possible infections.
- In order to reduce the risk of infection from prior use of the instrument, always use a new, sterile lancet. Do not reuse lancets.
- Avoid getting the Lancing device or lancets dirty with hand lotion, oils, dirt or debris.

Troubleshooting

Problem	What it means	Solution
Measurement incompleted	- **Incorrect** test strip - The meter is sensing **a used or contaminated** test strip - Incorrect **blood sample**	**Discard the test strip** and repeat the test with a **new test strip.** Make sure that **only human capillary blood and Scase 2in1. Max control solution can be used for the test.**
Ambient temperature is higher or lower **than 5°C - 45°C**	**Temperature out of range**	**Move to an area** that is within the **operating range for the meter.** Let the meter adjust to this temperature for **20 minutes before performing a test.**
⚠ Please contact us via Customer **support** (5) in case of persisting problems.		

4. Emergency settings

In case of any issues with Scase Device, you should reach Customer **support** (5). To provide you the most efficient help, you´re required to submit a unique Scase ID which can be found in Emergency settings when clicking on 🔒 at **Menu Screen** (1.5)

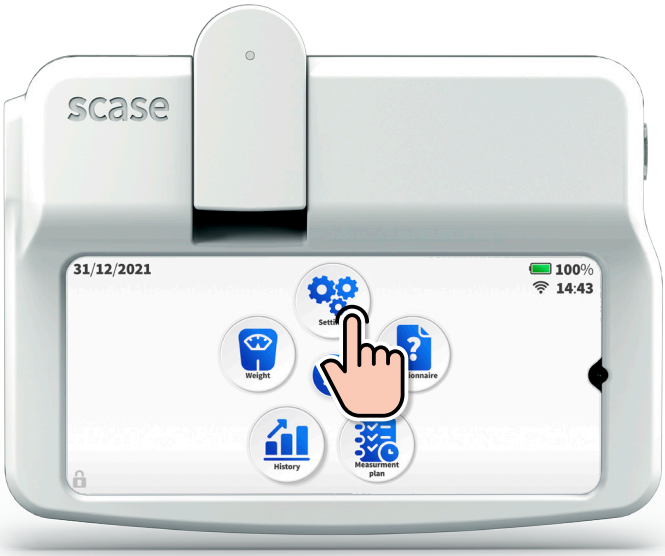


By clicking ⊗ button, you´ll be transferred to the **Menu Screen** (1.5)

5. Settings

About Settings

The settings section offers details about Additional Information, Device vibrations, Device sound or the option for turning off Scase Device.



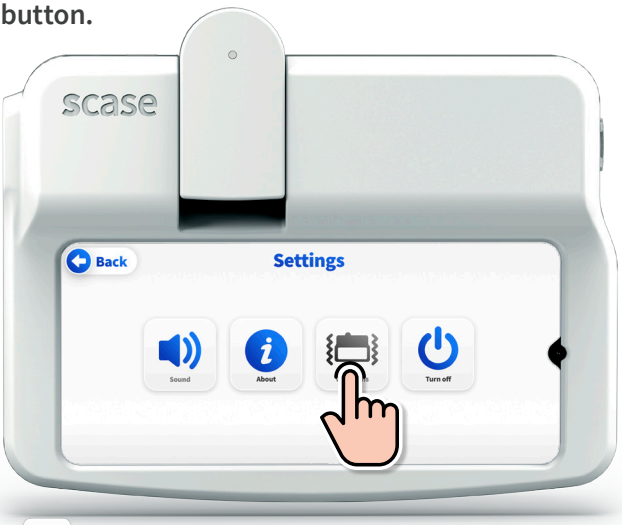
By clicking Back button, you will be transferred to the **Menu Screen** (1.5)

5.1. Information / online manual

Intended use of Scase Device.

5.2. Device vibrations

Turn on or turn off vibrations of Scase Device by simply clicking on the vibration button.



By clicking button, the patient activates vibrations.

By clicking button, the patient deactivates vibrations.

5.3. Device sound

Turn on or turn off the sound of Scase Device by simply clicking on the sound button.

By clicking button, the patient unmutes Scase Device.

By clicking button, the patient mutes Scase Device.

5.4. Turn off Scase Device

Turn off Scase Device by simply clicking on the button.

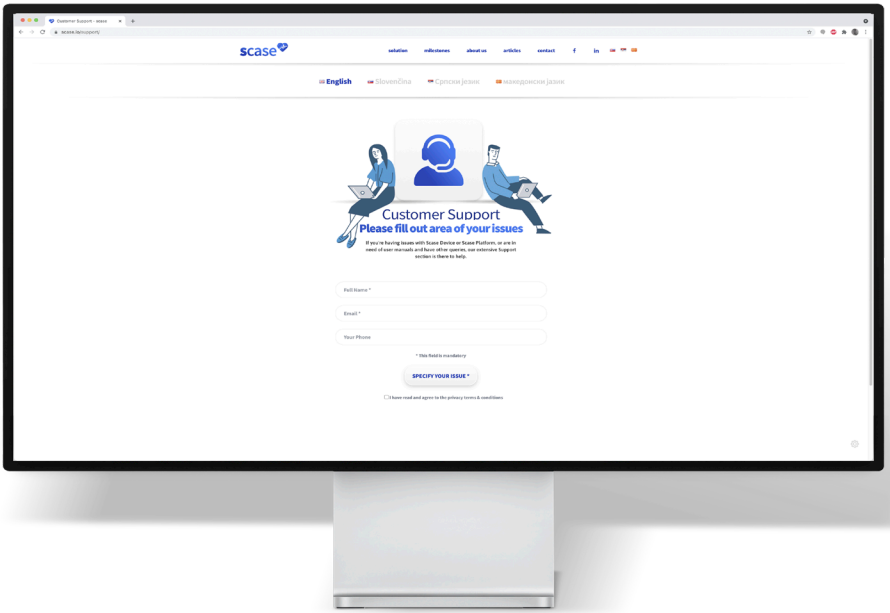
By clicking  button, the patient turns off Scase device.

6. Customer Support

In case of any issues with Scase Device, please contact us via customer support. There are two ways of contacting:

1. Website link

Through chosen web browser click on: www.scase.io/support , choose your language, and fill out the necessary information. Your requirement will be solved as soon as possible.



2. QR code

Scan QR code below on your mobile phone, choose your language, and fill out the necessary information. Your requirement will be solved as soon as possible.


scase

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Business ID: **52573699** Tax ID: **2121083074** VAT reg: **SK2121083074**

www.scase.io **info@scase.io**