



EN ■ User Manual

BREATHALYSER

CZ ■ Uživatelská příručka

ALKOHOL TESTER

SK ■ Používateľská príručka

TESTER ALKOHOLU

HU ■ Felhasználói kézikönyv

ALKOHOLSZONDA

PL ■ Podręcznik użytkownika

ALKOMAT

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1. Important safety instructions

Carefully read the entire user's manual before using the device and understand the safety measures and detailed operating instructions for the device. Store the user's manual in a safe place for future reference. If you sell the device do not forget to provide the user's manual to the new owner together with the device and its accessories.

IMPORTANT SAFETY NOTICE!!!

Using the breathalyser immediately after or within 15 minutes of consuming alcohol may damage the detection sensor and there is a danger of future measurements being inaccurate. Unprofessional operation of this device is not covered by the warranty.

We recommend to store and use the device at room temperature. Using and storing at other temperatures may affect the measurement accuracy.

Do not perform tests in strong winds or in a closed room, which is filled with cigarette smoke or contains alcohol vapours.

- If the flat batteries symbol appears on the display, recharge the device.
- Do not blow smoke, food or liquids into the mouthpiece.
- Using in environment outside the specified limits may lead to damage to the device and inaccurate test results.
- The level of alcohol in the breath depends on many factors and changes with time. The level can change already several minutes after the initial test.
- The measurement results of this device cannot be used as evidence in legal proceedings.
- The information obtained using this device is only informative in nature. We recommend that it is not used for making decisions about the ability to perform any activity requiring responsibility. Several factors (e.g. natural gas remains, smoke and undesirable breath) may influence the level of the measured values.
- Do not allow yourself or anybody else to drive a vehicle after consuming alcohol. Do not transport a person under the influence of alcohol who may be actively involved in driving the vehicle (in particular by pedalling, braking, adversely affecting the balance of the vehicle or similar).
- Neither the vendor nor the manufacturer are responsible for damages caused by the use of this device.

NEVER DRINK ALCOHOL IF YOU ARE PLANNING TO DRIVE A MOTOR VEHICLE!!!

2. Measurement

- The SCA BA10 Personal Breathalyser is a hand-held non-certified measuring device, the measured value may differ from that of a certified device.
- Refrain from drinking alcohol and smoking at least 15 minutes before measurement.
- Wash your mouth with water before use.

Recommendation:

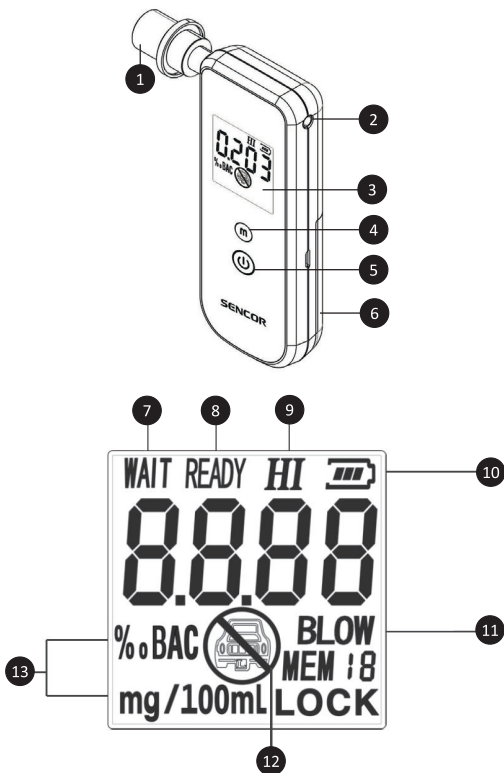
For the most accurate measurements, we recommend replacing the internal measuring module with a new pre-calibrated one after prolonged use of the instrument. This horizon is not precise, we recommend e.g. after 1–2 years of use or after 1–2 thousand measurements.

Please contact your dealer or directly the authorized service centre of SERVIS FAST, ČR, a.s. Technická 1701, Říčany u Prahy, phone: +420 323 204 120, email: servis@fastcr.cz. This new module will be charged with the current rate.

3. Battery Installation

- Please insert three AAA (LR03) 1.5 V alkaline batteries into the new device. Insert the batteries according to the marked diagram in the battery compartment under the cover.
- When the batteries do not have enough power for alcohol testing, the battery indicator will be flashing. Please replace the batteries with new ones immediately.

4. Device description



1. Mouthpiece
2. Output
3. Display
4. "M" button
5. ON/OFF button
6. Battery compartment cover
7. Wait
8. Ready
9. Alcohol level in blood over the alert level
10. Battery indicator
11. Blow
12. Do not drive
13. Units

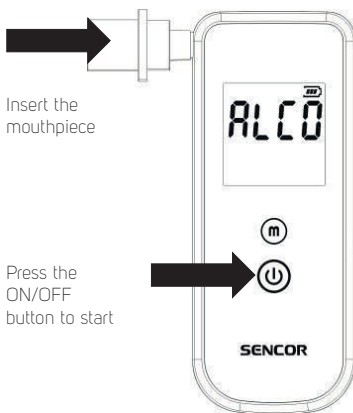
5. Controls

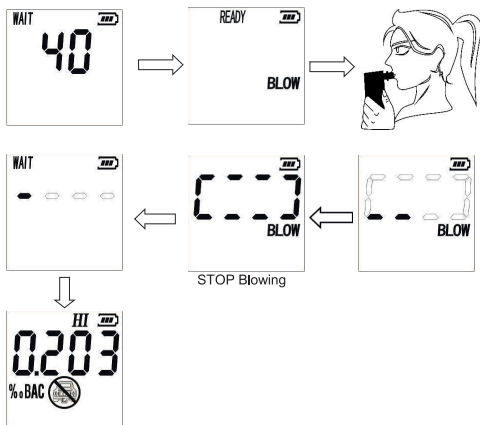
Turning the unit on and off

- Press the **ON/OFF** button once to turn the device on.
- When the LCD display shows "ALCO", press and hold the **ON/OFF** button for about 2 seconds to turn the device off.

Starting breath alcohol test

- Insert the mouthpiece
- Turn the unit on with the **ON/OFF** button and wait 40 seconds for the calibration to take place. The display will flash "WAIT" and a 40-second countdown will start. When the calibration is complete, the flashing "BLOW" will appear and the unit will begin to beep.
- When you are ready to blow, blow continuously using the mouthpiece for about 5-7 seconds. The sensor will detect a sample of your breath; stop blowing when you hear "beep! beep! ". If the sample taking was successful, an evaluation will be performed, you will hear an audible tone and then the corresponding measured value will be displayed. If the blowing time was too short or if the air flow is too fine or intermittent, the LCD display will show "FLO".
- You can press the **ON/OFF** once for a new test.
- The test result will be shown on LCD for about 60 seconds.





Memory function

- Up to 20 results can be stored in the memory of this device.



- Memory retrieval: press the memory retrieve button "m" to activate memory mode, then press the "m" button again to retrieve and display the last 20 results.
- In memory display mode, you can hold down the "m" button and the **ON/OFF** button for 2 seconds to erase the memory. When the memory is cleared, the display will show "- - - -".

Alcohol units and alert level settings

- Remove the back cover and remove one of the batteries. Press and hold the "m" button.

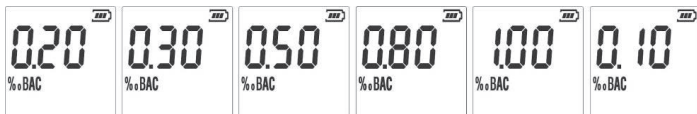
With the button pressed, insert the battery and hold the button until the display stops alternating.



2. Press the "ON/OFF" button to switch units: ‰BAC, %BAC, mg/L.



3. Press the "m" button to change the alert level, e.g. 0.10, 0.20, 0.30, 0.50, 0.80, 1.00‰ BAC.



4. Hold the "ON/OFF" button for 2 seconds to save the settings ("SAVE"). The device will return to test mode and count to 40 for the test.



Important notes

- After 5 successive tests, leave the device at rest for 5 minutes.
- Store the product in dry environment at room temperature.
- Avoid extreme warmth or long-term exposure to sun.

If the indicator is blinking, change the battery.

- Do not use rechargeable batteries.
- If the difference between two successive measured values is $> 0.1\text{‰}$ (0.01%), users **should** perform a new test.
- **DO NOT BLOCK** the output while taking the breath sample.
- If "FLO" is flashing on display, this is because of too low breath pressure or intermittent blowing. You can press the **ON/OFF** button to restart the test.

6. Technical Data

SCA BA10

Breathalyser with semiconductor sensor
Displays alcohol concentration in blood
Interchangeable pre-calibrated sensor in the instrument
Automatic self-cleaning
Digital LCD display with a three colour backlight
Acoustic and visual signalisation

Measurement:

Measuring range: 0.000–3.000‰ BAC (blood alcohol concentration)
Units of measurement: ‰BAC or mg/L
Resolution: 0.001‰ BAC
Alarm at alcohol content $\geq 0.2\%$ BAC (changeable, see instructions)
Accuracy: better than $\pm 0.1\%$ BAC at 0.2‰ BAC

Other:

Test counter
Memory: up to 20 measurements
Measurement length: 5–7 s
Automatic shut off when idle
Power supply: 3pcs AAA 1.5V batteries (not included) or USB cable
Device dimensions (H × W × D): 115×47×20mm
Weight of the device: 62g
Accessories: 2 mouthpieces, USB cable, user's manual

The package includes:

Breathalyser
2 x mouthpiece
User's Manual

INSTRUCTIONS AND INFORMATION ON DISPOSING OF USED PACKAGING MATERIALS

Dispose of used packaging material at a site designated for waste in your municipality.

DISPOSING OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT



This symbol on products or original documents means that used electric or electronic products must not be added to ordinary municipal waste. For proper disposal and recycling, take these products to designated collection points. Or in some European Union states or other European countries the products can be returned to the local retailer when buying an equivalent new product. Disposing of this product correctly helps save valuable natural resources and prevents damage to the environment by improper waste disposal. Ask your local authorities or collection facility for more details. In accordance with national regulations penalties may be imposed for the incorrect disposal of this type of waste.

For business entities in European Union states

If you want to dispose of electric or electronic devices, ask your retailer or supplier for the necessary information.

Disposal in other countries outside the European Union

This symbol is valid in the European Union. If you wish to dispose of this product, request the necessary information about the correct disposal method from the local council or from your retailer.



This product meets all the basic requirements of the applicable EU directives.

The text, design and technical specifications may be changed without prior notice and we reserve the right to make these changes.

The original version is in the Czech language.

Manufacturer's address:

FAST ČR, a.s., U Sanitasu 1621, Říčany CZ-251 01

SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit www.sencor.com for detailed information about authorized service centers.

