

Thank you for purchasing our device. Please read this manual carefully and heed the safety warnings and instructions before installing, using or repairing the equipment. This will ensure not only the protection of persons, but also the long-term viability of the equipment.

## TECHNICAL PARAMETERS

Power supply	USB 5.0 V (charging via included cable, adapter not included)
Display	OLED
Sensor type	Electrochemical (Fuel Cell Sensor)
Units	‰ BAC, % BAC, mg/L
Measurement accuracy	±0.08 ‰ BAC at concentrations of 0.20 - 0.50 ‰ BAC ±20 % at concentrations above 0,50 ‰ BAC
Measurement range	0 - 5 ‰ BAC
Operating temperature	0°C to 60°C
Calibration	Every 12 months / after 500 measurements

## DESCRIPTION OF FACILITIES

1. Mouthpiece
2. USB input
3. Display
4. On/Off (Power)
5. Charging indicator

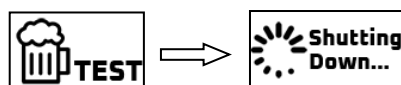


## WARNINGS AND USE OF THE EQUIPMENT

- Do not drink before driving!
- The test results are only indicative, they may be affected by various influences (mouth odours, smoke, residual gases in the environment).
- The measured alcohol values are for guidance only. Neither the dealer nor the manufacturer accepts any liability arising from the use of this device.
- Make sure that the air is free of alcohol and solvent (disinfectant) vapours.
- Use a new mouthpiece for each test or for each person tested.
- Do not use the device immediately after consuming alcohol/smoking cigarettes, after eating food containing alcohol, or after rinsing your mouth with mouthwash containing alcohol.
- Keep away from cell phone antennas or transmitters.
- Before testing: Do not eat, drink, or smoke for 15 minutes prior to the test. Breathe calmly and regularly. Rinse your mouth with water before the test.
- If the display shows a low battery indicator, replace the battery.
- After three tests, wait 5 minutes for the next one.
- Store at room temperature without high humidity.
- If the difference between two consecutive measurements is >0.1‰ (0.01%), the user should take a new measurement.
- For calibration, please contact the manufacturer.

## DEVICE START-UP AND CONTROL

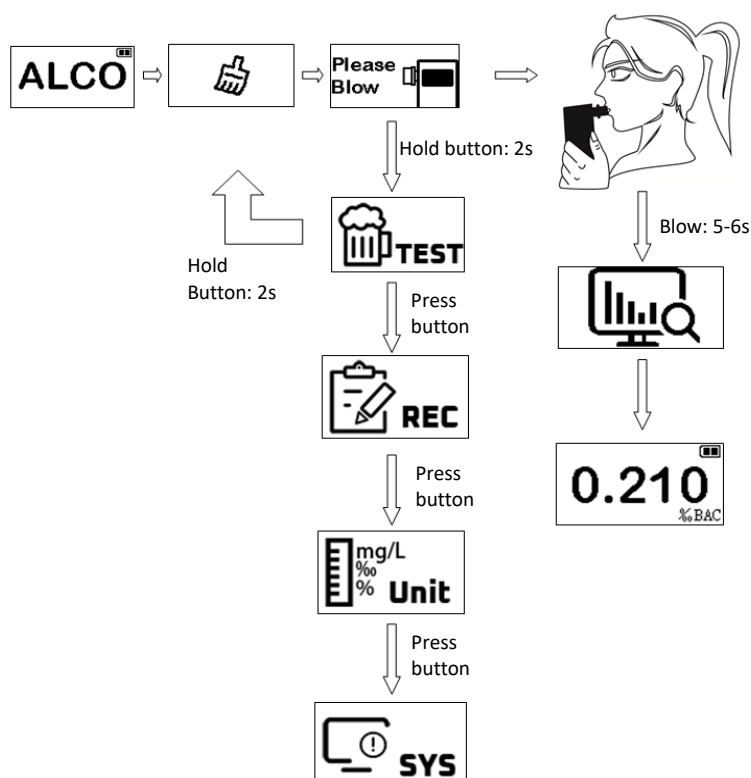
**NOTE:** If the screen displays "TEST" or other interface, press the POWER button for approximately 3 seconds to turn off the device. Turn the device back on.



1. Connect the USB cable to charge the device.
  - The red indicator light indicates charging.
  - A green indicator indicates that the device is charged.
  - A flashing indicator indicates that the device needs to be charged.
2. Hold the POWER button for approximately 2 seconds to turn on the device.



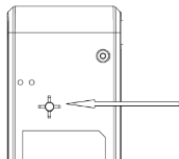
3. Press the POWER button for approximately 3 seconds to turn the device off.



## BREATH ALCOHOL MEASUREMENT

1. When the device is switched on, the display shows "ALCO" and the sensor is activated. During the cleaning process, the "cleaning" icon will flash, then "Please Blow" will be displayed, indicating that the device is ready to take a sample. You can perform the test. If the test is not performed, the instrument will automatically switch to the Menu after 60 seconds.
2. Blow continuously into the mouthpiece for approximately 5-6 seconds. The instrument automatically detects your breath and emits a rapid "beeping" sound as you blow. As soon as you hear the "Beep! Beep!", stop blowing.
3. If the breath sampling was successful, the "analyzing" icon will flash and then the measurement result will be displayed.
4. If the blowing time is too short, the airflow is too weak or the blowing is interrupted, the display will show the message "Flow error!" (Error).
5. After displaying "Flow error!" for a few seconds, the instrument automatically returns to the measurement mode with the prompt "Please Blow".
6. The test result remains on the display for approximately 60 seconds. To perform a new test, press the power button once.
7. If no action is performed for 60 seconds, the instrument will automatically shut down.

**NOTE: Do not cover this opening when testing.**



## RECORD MEMORY FUNCTION

- The instrument stores 2000 results in memory.
1. Enter the "REC" record menu (see figure above - OPERATION).
  2. Press the button to view the stored values.

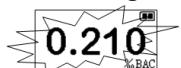
**NOTE: The device may contain some records as it is being tested during manufacture.**

## UNITS OF MEASUREMENT AND WARNING LEVEL SETTINGS

1. Enter the "UNIT" unit settings menu (see figure above - OPERATION)
2. The unit icon will start flashing. Press the button to switch between the units: ‰ BAC / ‰BAC / mg/L
3. To save the selected unit, hold the button for 2s. The display will show "Save Unit".



4. The warning level value starts flashing



5. Press the button to change the setting  
e.g. 0.10, 0.20, 0.30, 0.40, 0.50 ‰ BAC (Warning will appear on the LED)
6. Holding the button for 2 seconds will save the setting - "Save Warning" will be displayed.  
The instrument then returns to Menu mode.

The product has been issued with a CE Declaration of Conformity in accordance with the applicable regulations.  
On request from the manufacturer: [info@solight.cz](mailto:info@solight.cz), or downloadable from [www.solight.cz](http://www.solight.cz).



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