

Thank you for purchasing our device. Before installing, using or repairing the device, please read this manual carefully and pay attention to the safety warnings and instructions. This will ensure not only the protection of persons, but also the long service life of the device.

**TECHNICAL PARAMETERS**

<b>Power</b>	3 x 1.5V AA batteries
<b>Measurement range</b>	0 - 5‰BAC
<b>Measurement accuracy</b>	Accuracy: ±0.08 ‰ at values between 0.20–0.5 ‰ BAC, 20 % at values above 0.5 ‰ BAC

**DESCRIPTION OF THE DEVICE**

1. Mouthpiece
2. Display
3. On/Off (POWER)
4. UP button ↑
5. DOWN button ↓



**WARNINGS AND USE OF THE DEVICE**

- Do not drink before driving!
- The test results are only indicative and may be influenced by various factors (odours in the mouth, smoke, residual gases in the environment).
- The alcohol values measured are for guidance only. Neither the seller nor the manufacturer accepts any liability arising from the use of this device.
- Make sure there are no alcohol or solvent vapours (disinfectants) in the air.
- Use a new mouthpiece for each test or for each person being tested.
- Do not use the device immediately after consuming alcohol, eating food containing alcohol, or rinsing your mouth with alcohol-based mouthwash.
- Keep away from mobile phone antennas or transmitters.
- Before testing: Do not eat, drink or smoke for 15 minutes before the test. Breathe calmly and regularly. Rinse your mouth with water before the test.
- If the low battery indicator appears on the display, replace

**STARTING THE DEVICE**

1. Insert the batteries into the battery compartment.
2. Press the POWER button to turn on the device.
3. After switching on, a self-test will run – the values on the display will light up for approx. 2 seconds.



After the self-test is complete, the device will switch to the main screen.



4. The device will automatically turn off within 5 minutes if no button is pressed, or hold the POWER button for approx. 3 seconds.

**ACTIVE TEST**

- Before testing: Rinse your mouth with water, do not eat, drink or smoke for 15 minutes before the test. Breathe calmly and regularly.

1. Turn on the device
2. When the main screen appears, press the POWER button and the device will enter test mode. The "PH" indicator will flash for 4 seconds and then "Ready" will appear.



3. Place the device approximately 1-2 cm from your mouth and blow evenly into the mouthpiece for approximately 2 seconds.
4. The display will show "BLO" and a beep will sound.



5. The device will perform an analysis.



6. The result will appear after a few seconds.



## PASSIVE TEST

1. Turn on the device
2. Once the main screen is displayed, press the POWER button and the device will enter test mode. The "PH" indicator will flash for 4 seconds and then "Ready" will be displayed.



3. Place the device approximately 1-2 cm from your mouth. Speak/breathe into the mouthpiece.
4. The device will automatically draw in a breath sample and perform an analysis.



5. The result will be displayed after a few seconds. After one minute of inactivity or when the POWER button is pressed, the main screen will be displayed.



## REPEATED TEST

1. After the result is displayed, press "POWER" to return to the main screen.
2. Press "POWER" again to start a new test.

## TEST RESULTS

- Result  $< 0.20\text{‰}$ : result e.g. "0.000‰" is displayed in green



- Result  $\geq$  alarm level 1 (set permanently to 0.200 ‰): result e.g. "0.39‰" is displayed in yellow



- $\geq$ , alarm level 2 (set to 0.500 ‰, for example): result, e.g. "1.000‰", is displayed in red



## TEST HISTORY DISPLAY

- On the main screen, hold down the **DOWN** button (↓) for approx. 2 seconds



- Use the **UP** (↑) and **DOWN** (↓) buttons to scroll through the records.



- Press the POWER button to exit the display.

## SETUP MODE

- On the main screen, hold down the POWER + UP + DOWN buttons for approx. 2 seconds



- "0000" will be displayed



- Use the buttons to select individual digits (described below) and wait to enter the settings.

### Alarm and unit settings

- In setup mode, with "0000" displayed on the screen, use the UP/DOWN buttons to set "1000" (use the POWER button to change the position of the digits being set) and wait a few seconds before entering the settings.



- Use the DOWN button to set the desired unit: ‰ BAC, % BAC or mg/L. Press the POWER button for two seconds to save.



- After approx. 5 seconds without pressing any keys, the device will return to the main screen.



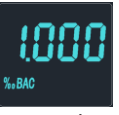
- The device has two notification levels. **The level 1 alarm** is set to 0.2‰. This means that when the alcohol level is measured at 0–0.19‰, the display will light up green. When the value reaches 0.2‰ or higher, the display will light up yellow. The display will remain yellow until the level 2 alarm setting is reached. In the settings mode, you can set the second-level alarm according to your needs. For example, to a value of 1.0‰. When this value is reached, the display colour will change from yellow to red. If you set the second-level alarm to 0.2‰ (first-level alarm value), the display will not light up yellow when this value is reached, but red.

### Setting the second-level alarm

- In setup mode, with the screen displaying "0000", use the UP/DOWN buttons and the POWER button to change the setting position. Set "2001" and wait a few seconds before entering the settings.



- Set the desired alarm value using the UP/↑ s (e.g. 1.0).



- Press the POWER button for 2 seconds to save.



### Deleting test records

- In setup mode, with the screen displaying "0000", use the UP/DOWN buttons to set "6000" (use the POWER button to change the position of the numbers being set), and the total number of tests performed will be displayed. Press the POWER button for 2 seconds to save and the records will be deleted.



- Hold down the **DOWN** button to verify that the records have been deleted.



## TROUBLESHOOTING

Error	Cause	Solution
The device cannot be turned on	Dead battery or incorrect polarity	Check the batteries and replace them if necessary
The button does not work	Faulty contact or button	Contact service
Measured values without alcohol consumption	Residual value or alcohol in the mouth	Wait 15 seconds and repeat the test
No values measured after alcohol consumption	Distance between mouth and mouthpiece, or faulty sensor	Blow closer or replace the mouthpiece
The indicator does not light up after the test	Defective or disconnected indicator	Contact customer service

## RECALIBRATION OF THE DEVICE

The device is accurate for approximately 1 year. With frequent use, more frequent calibration is necessary. It is recommended to perform calibration every 12 months (or sooner). Contact an authorised service centre or dealer.

The product has a CE declaration of conformity in accordance with applicable regulations. Available on request from the manufacturer: [info@solight.cz](mailto:info@solight.cz), or downloadable at [www.solight.cz](http://www.solight.cz).



Solight Holding, s.r.o., Na Brně 1972, Hradec Králové 500 06, Czech Republic.