

Alcovisor® Satellite

Fuel Cell Breath Alcohol Tester
With USB Portable Power Bank

Instruction Manual

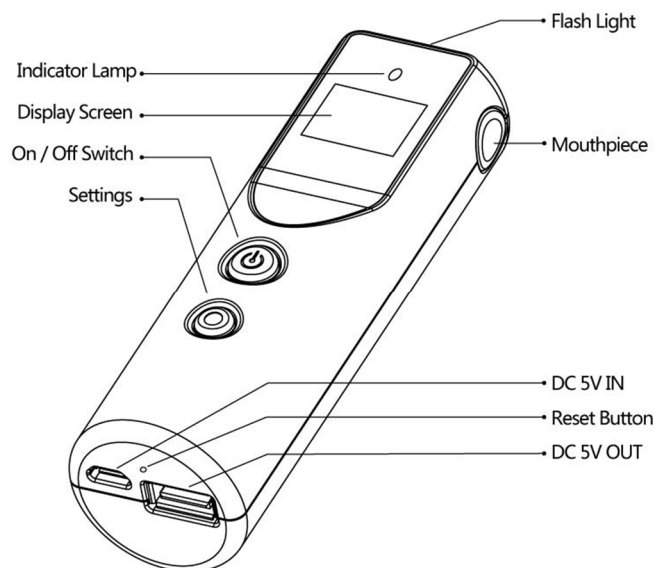


Website: <http://www.alcovisor.com>



Points to Remember

1. There must be an interval of at least 20 minutes after alcohol has been taken into the mouth. Residues of alcohol in the mouth may give false measurements. Such residues may be left by aromatic drinks, mouthwash, medicines and drops, as well as by belching and vomiting. Rinsing out mouth with water or non-alcoholic drinks do not substitute for an interval.
2. Some foods and even “non-alcoholic” drinks may contain traces of alcohol, which will affect the test result through a “mouth alcohol” effect. To prevent this, wherever possible, insure that a delay of about 20 minutes has elapsed since taking anything by mouth – even medicines which may contain alcohol. Even a glass of water prior to the test will cool the mouth and dilute the saliva, temporarily reducing the amount of alcohol in the breath, and, consequently, the instrument reading. A delay of at least two minutes should take place between the time of last smoked and the test.



Alcohol Testing

1. Switch on device: Press and hold the On/Off button until hear “beep” sound and “ON” displayed on the screen, release the On/Off button.
2. Total number of tests performed after last calibration: Switch on the device, the total number of tests will be displayed before performing the test. Number of tests will start from 0 again automatically after calibration. (It is normal that there will be around 5 tests done in the new device because the manufacturer has to test the device after calibration).
3. Previous test results checking: Press On/Off button within 1 second after switching on the device, the last test result will be shown on the display.
4. Turn on flash light: After switched on the device, the screen displays

- “BLOW...”, press Setting Button to turn on the light, press the setting button again to turn off flash light.
5. Perform breath alcohol test:
 - i. The first line on the screen displays the current temperature and battery power, e.g. “25`C {||||}”.
 - ii. Insert a mouthpiece into the mouthpiece inlet.
 - iii. Switch on the device, after displaying the total number of tests, the display shows “BLOW...”.
 - iv. Take a deep breath and blow into the device continually as long as you can. The buzzer will beep when the blowing is detected.
 - v. After the blow, the display shows “WAIT”, the data is processing. After a few seconds, the test result will be shown on the display.
 - vi. When the test result is greater than 0, the device will make rapid beeping sound to alert the user.
 - vii. To make another test immediately, press On/Off button once.
 - viii. Do not perform another test immediately after a positive test, wait for 1 second and preferably change a mouthpiece to prevent alcohol residual from the last test.
 6. Switch off the device: Press and hold the On/Off Button for 1 second to switch off the device. The device will be switched off automatically after 2 minutes.

Charge & Discharge

1. Charge the device:

- A. Charge the device with 5V 2A adapter:
 - i. Connect adapter to the power source.
 - ii. Connect the Mini USB of adapter to USB interface of device.
 - iii. The charging indicator turns red when the device is being charged.
 - iv. The charging indicator turns green when the device is fully charged.
- B. Charge by connecting USB cable to PC:
 - i. Connect USB cable to PC.
 - ii. The charging indicator turns red when the device is being charged.
 - iii. The charging indicator turns green when the device is fully charged.

2. Outward charge

- A. The device can provide DC5V/1A for charging mobile products, such as mobile phone, MP3, MP4, handheld game consoles, etc.
- B. Connect the mobile products to DC 5V OUT and start charging.

Turn On Flash Light

Switch on the device, press the Setting button. Press the Setting button again to turn off the flash light.

Reset

If the device has no response by pressing the buttons, press reset the device by pressing the Reset button by a pin.