

Alcovisor[®]

Pluto

Fuel Cell Breath Alcohol Tester

Instruction Manual



Thank you for purchasing Alcovisor[®] products. Please read this instruction carefully before using the products and follow the instructions when you are using the product.

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, ensure 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.

Operating Instruction (Without connecting to Smartphone App)

1. Insert 2 pcs of AAA alkaline batteries.
2. Press and hold the On/Off button for 2 seconds to switch on the device.
3. Main screen:



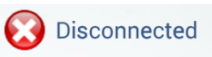

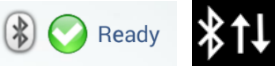




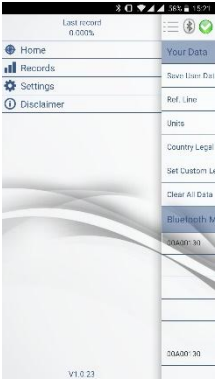

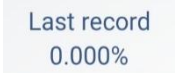




4. The word “BLOW” is displayed. Insert a mouthpiece, take a deep breath and blow to the device CONTINUOUSLY until a click sound is heard. A beeping tone will be heard and the word “WAIT” will be displayed. Test result will display on the LCD after a long beep sound. If there is no blowing within 2 minutes, the device will switch off automatically.
5. To make a passive test, press the On/Off button during the blow.
6. Press the On/Off button once to perform another test.
Reminder: To perform a test immediately after a POSITIVE test, change the mouthpiece and make a passive test with clear air before the test to prevent residues.
7. Press and hold the On/Off button for 5 seconds to switch off the device. The device will also be automatically switched off after 2 minutes.
8. It is recommended to calibrate the device in every 1000 tests. When the device is used for 900 tests since the previous calibration, the number of tests will be displayed after switching on the device. When the number reaches 1000, the word “CAL” will be displayed, please send the device for recalibration.





Operating Instruction (With APP)





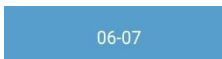

The Android and IOS mobile APP “Alcovisor Elite” can be used with Pluto, compatible with Android version 4.3+ and IOS 9.0+, and the internal bluetooth module of the mobile is 4.0+






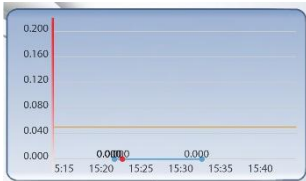
Switch on the device, and open the App “Alcovisor Elite”. Bluetooth signal is shown when it is successfully connected with the App.





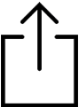
 Android	Icon	Function
		Android: Listing Menu iPhone: The menu is at the bottom
		Disconnected
		Connecting
		Connected
	 iPhone	Tap the middle of the icon to start a test. Reminder: Manual test is not available when test with the App.
		There must be an interval of at least 15 minutes after alcohol has been taken into the mouth. Residues of alcohol in the mouth may give false measurements.



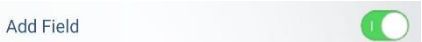
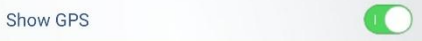


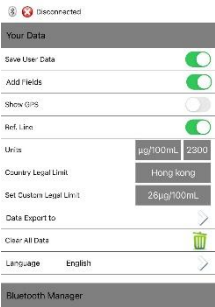



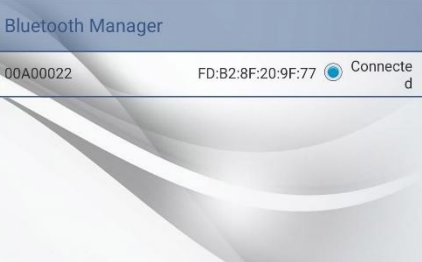
<div>  <p>Android</p>  <p>iPhone</p> </div>	Icon	Function
		Show last test record
		Back to home menu
		Test record history
		Settings
		Disclaimer

<div>  <p>Android</p>  <p>iPhone</p> </div>	Icon	Function
		<p>When the device screen display “Please Blow” and the mobile start the camera, face the camera, take a deep breath and blow CONTINUOUSLY until a click sound is heard. Test result with time of test will be shown. A photo will be taken during the test with test results printed on it.</p> <p>Android: Photo is saved in /Alcovisor.</p> <p>iPhone: Photo is saved inside the app and can be exported to Photos.</p>
		Tap this button to switch from front and back camera

<div>Records</div>  <div>Android</div>	Icon	Function
		Delete the specific test record.
		Add remarks of the specific test records.
		Tap this button to review the test photos.
		Date of the test, maximum days can be search is 1000 days.
		Time and test result.

<div>  <div>Android</div> </div>	Icon	Function
		Tap this button to review the test photos.
		Tap this button to add remarks.
		Test Result
<div>  <div>iPhone</div> </div>		Show the curve of the test results within 1 hour. The yellow line is the line for the alcohol alert limit, it can be set on the Settings page.

	Icon	Function
<div>Test Photo</div> <div><div><div>SN: 00A00022</div><div>Last Calibration Date: 18 Oct, 2024</div><div>Test result: 0.000%</div><div>Date: 20 Apr, 2024</div><div>Time: 17:21:28</div></div></div> <div>Android</div>	<div><div>SN: 00A00022</div><div>Last Calibration Date: 18 Apr, 2019</div><div>Test result: 0.000%</div><div>Date: 20 Apr, 2018</div><div>Time: 17:21:28</div></div>	Test Result Details
<div><div><div>SN: 00A00022</div><div>Last Calibration Date: 18 Oct, 2024</div><div>Test result: 0.000%</div><div>Date: 20 Apr, 2024</div><div>Time: 17:21:28</div></div><div></div></div> <div>iPhone</div>	<div><div>or</div></div>	Tap this button to share your test photo.

	Icon	Features
<div data-bbox="209 141 316 174">Settings</div> 		Auto save test records (On/Off)
		Five different fields can be set. Fields will be shown in the exported Excel / PDF file.
	 <div data-bbox="469 383 892 510"> <input checked="" type="radio"/> Full Address <input type="radio"/> City, Country <input type="radio"/> LAT/LONG </div>	Show GPS location on the test photo.
		Display the yellow line for the alcohol alert limit (On/Off).
		Set measurement unit and the BAC : BrAC ratio (only apply to mg/L and µg/100mL) according to the local regulation.
<div data-bbox="209 763 316 797">Android</div> 	<div data-bbox="469 846 892 943"> Country Legal limit Albania Set Custom Legal Limit 0.03 % </div>	Set the corresponding country and custom legal limit (For reference only).
		Export the test records to: Excel & PDF (iPhone) Excel (Android)
<div data-bbox="209 1261 309 1294">iPhone</div> 		Delete all test records.
		Display the serial numbers of all the devices which have been connected with the App before.