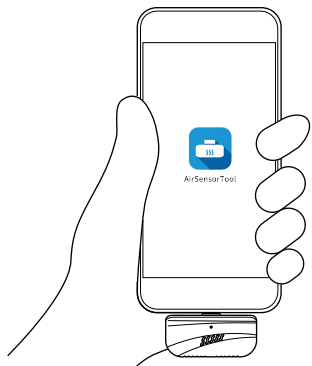


Mini Breath Alcohol Smart Sensor User Manual



About the Product

The mini breath Alcohol smart sensor is designed for use with a mobile phone or other mobile devices. It can detect the concentration of alcohol in exhaled breath, with data viewable in the app. Please read this manual carefully and use it correctly.

Precautions

- The measurement results of this product are for reference only. For legally prohibited actions such as drunk driving, the manufacturer, sellers, and related personnel do not assume any responsibility.
- Due to individual differences in physical condition, the same amount of alcohol may result in different measurement outcomes.
- Alcohol takes about 20 minutes to be absorbed from the digestive system into the bloodstream. Therefore, it is recommended to measure alcohol levels 20 minutes after drinking. Immediate measurement after drinking will reflect the alcohol concentration in the drink, not the blood alcohol concentration.
- To obtain more accurate measurement results, it is recommended to wait at least 3 minutes between measurements.
- Do not measure in windy conditions, as environmental airflow may affect the measurement results.

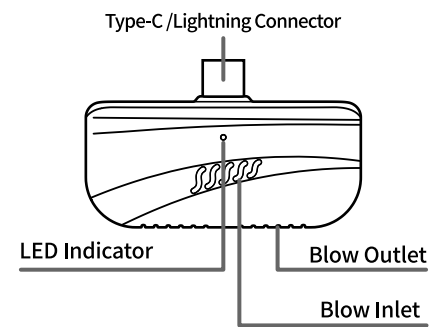
How to Storage

- Do not place the product in areas with strong odors.
- Keep the product out of direct sunlight and avoid storing it in extreme temperatures.
- Store the product out of the reach of children.
- If not used for over a month, store the product in its packaging box.

Specification

Target	Breath Alcohol Concentration
Measurement Range	0 ~ 200 BAC(mg/100ml)
Operating Current	≤24mA @5V
Operating Voltage	3.3V (Lightning)/5V (Type-C)
Operating Temperature	0°C~40°C
Storage Temperature	0~30°C
Product Size	55mm x 34mm x 9 mm
Product Weight	7.5g

Product Diagram



APP Download



For iPhone (iOS):

1. Open the App Store.
2. Search for Airsensortool in the search bar.
3. Tap Download to install the app on your device.

For Android (Google Play) Method 1:

1. Open the Google Play Store.
2. Search for Airsensortool in the search bar.
3. Tap Install to download the app to your device.

For Android (QR Code Scan) Method 2:

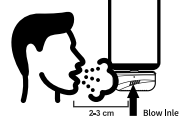
1. Use your phone's camera to scan the QR code, which will direct you to the download page.
2. Tap Download and install the app.
3. To ensure the app functions properly, you will need to grant the necessary permissions. Please tap Agree or Allow to continue the installation process.



How to Use

- 1.Plug the product into the smart device (e.g. smartphone) and open the app. Follow the instructions provided. After the app completes the search, click to connect to the product.
- 2.Once the app enters the corresponding interface, it will operate in the following sequence:

- After clicking "Start" Button, wait for 10 seconds for initialization andpreheating.
- When the screen switches to "Please Blow," position yourself 2-3 cm from the front of the blow inlet and blow forcefully for 4 seconds.
- The measurement result will be displayed after blowing is completed.



Indicator light status description	
Preheating status	Flashing red light
Blowing status	White light flashing
Standby mode	White light is on
Shutdown status	White light off

3.Measurement Result Table

Results	Status	Color Indicator
0~20 BAC (mg/100mL)	Low Risk	Green
20~80 BAC (mg/100mL)	Medium Risk	Yellow
80~200 BAC (mg/100mL)	High Risk	Red

Notes: Different countries may follow different measurement units. To make your experience seamless, our app allows you to switch between units by pressing the unit text. Changing the units will not affect the accuracy of the measurements; it only changes how the results are displayed.

Troubleshooting and Solution

Issue	Solution
USB Authorization Failed	This may be due to a loose connection. Reinsert the device securely. Note: After the device disconnects, the sensor needs to be preheated for 2 minutes before reconnecting.
App Fails to Work Properly After Exiting Mid-Test	Due to phone system differences, reinsert the device and restart the test if the app malfunctions after re-entering. Note: After the device disconnects, the sensor needs to be preheated for 2 minutes before reconnecting.
After the tester is connected to an Android phone, the indicator light does not light up	Due to phone system differences, reinsert the device and restart the test if the app malfunctions after re-entering. Note: After reconnecting, a 2minute warm-up period is required.
The APP cannot find the sensor's Bluetooth	Please ensure the sensor's Bluetooth is not connected to other mobile devices. Open the APP to search for the device's Bluetooth and click to connect.

Others

When the product is first taken out of the packaging or after long periods of inactivity, a large amount of gas and other impurities may adhere to the sensor. In this case, it is suggested to repeatedly click "Start" to preheat and clean the product to maximize its performance.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to

Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment
* RF warning for Portable device:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

