

User Manual

Mini Breath Alcohol Smart Sensor

Model: Mini602-Alco-LB

1. About the product

This product is an alcohol meter.

This product cannot be used alone.

This product connects to a USB terminal on smart phones and allows you to check alcohol using a specified APP.

Before using it, please download and use the dedicated APP from the manufacturer's website.

This product is powered by the battery of the smart phone.



2. Caution

- The test results of this product are provided for reference only and cannot be used as the basis for determining whether one can drive after consuming alcohol.
- Even with the same blood alcohol concentration, the degree of intoxication may vary based on individual differences and physical conditions.
- For driving under the influence of alcohol and any illegal activities according to the law, the manufacturer and seller assume no responsibility.
- Alcohol takes approximately 20 minutes to be absorbed from the digestive system into the bloodstream. Therefore, it is recommended to take the measurement 20 minutes after drinking.
- In order to obtain more accurate measurement results, it is recommended that the interval between two measurements be greater than 3 minutes.
- Do not conduct measurements in windy conditions, as environmental airflow may affect the measurement results.

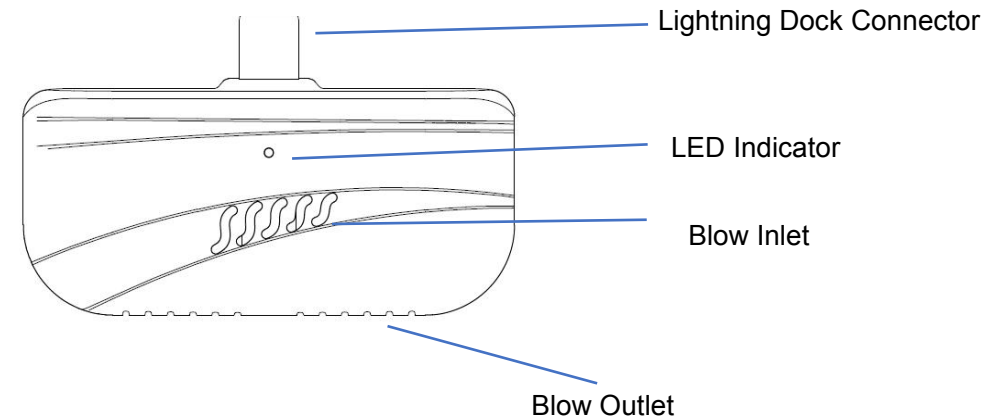
3. How to Storage

- Do not put perfume, cosmetics, etc. in a bag or cases or store it in a place with a strong scent.
- Avoid moisture, direct sunlight, etc. and avoid exposure to high temperatures in the vehicle.
- Please keep it out of reach of children.
- If you don't use it for a long time, keep it in a case where there is no air.

4. Specification

Measuring Range	0 ~ 200 BAC(mg/100ml)
Working Current	≤24mA (5V)
Working Voltage	5V (Type-C)
Operating Temperature	0℃~40℃
Storage Temperature	0℃~30℃
Product Size	55mm x 34mm x 9 mm
Product weight	7.5g
Lifetime	> 1 year

5. Product Description



User Manual

Mini Breath Alcohol Smart Sensor

Model: Mini602-Alco-LB

6. APP Download

Scan the QR-code below to start the download and install the APP. For the APP to be fully functional, please grant the permission according to the prompt.



7. How to Use

1. Plug the device into the Type-C port of your smartphone, and the app will automatically recognize the device. Once the connection is successful, the LED indicator will turn white. During preheating, the LED will blink red. When the device is ready for blowing, the LED will blink white.

2. After a successful connection, the app will guide you through the following steps:

- Press the start button, and the app will wait for 10 seconds to ensure the sensor is well-preheated.
- When prompted to "blow," exhale into the inlet from a distance of less than 2cm and maintain for 4 seconds.
- Upon completion, the app will present the measurement result. Tap the unit to switch between BAC mg/100ml, BAC%, and BAcr%.

Measurement Table

Results	Warning	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

8. Other

If this product is either used for the first time or placed for a long time, large amount of gases and impurities may adhere to the sensor. Under such cases, please click the start button repeatedly to initiate preheating, clean, and recover of this product.

9. 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.

FCC ID:2BFDL-MINI602

Shenzhen Hanwei IoT Co., Ltd.
Addr: Unit 801, No.10 Lishan Rd., Nanshan,
Shenzhen, China
Tel:18620389878
E-mail:szhwmarket@hanwei.cn
Web: [Http://www.hwiotc.cn](http://www.hwiotc.cn)

