AT808

Alcohol Tester

User's manual

Read Carefully Before Use

Ver：HW231008157

User Service Guidelines

1. Within 12 months from the date of sale of this product, if the user complies with the storage, transportation and use requirements, but the product quality is lower than the technical indicators, the product warranty card can be used for free maintenance.

2. If you have any questions or dissatisfaction with the products and services we provide, including product technology, quality, installation and maintenance, service attitude, charging standards, etc., please contact us in time, and we will promptly and properly handle your comments.

CONTENTS

1 Introduction

AT808 is a new brand alcohol tester we developed (here under referred to as the device). The device is equipped with an advanced fuel cell sensor that has good sensitivity, accuracy, and repeatability. Its large LCD screen and anti-backflow mouthpiece provide the user with an experience of comfortable feeling and simple operation. With local record storage function, combined with the App application, AT808 could meet the need of most users. Those features of traceable test records, good accuracy and portability brings its user a more convenient and safer life.

2 Specification

Model	AT808
Sensor	Fuel cell
Range	0～0.40%BAC（0～2.0mg/L；0～4.00‰BAC；0～4.00g/L）
Resolution	0.001%BAC
Warm up time	Around 5s
Working environment	Temperature：0℃～50℃， Humidity：≤90%
Storage environment	Temperature：-10℃～60℃， Humidity：≤90%
Display	LCD Display
Battery	2*1.5V AAA Battery
Dimension	105* 46*17 mm(L*W*H)
Weight	About 53g（Without battery）
Accuracy	±0.005%BAC at 0.05%BAC
Unit	mg/l, g/l, %Bac, ‰Bac. mg/100ml (optional)
App	AlcoCHECK
Records	99-Device; unlimited-APP
Calibration period	2000 times/ 6 months

3　Structure

3.1　Components diagram
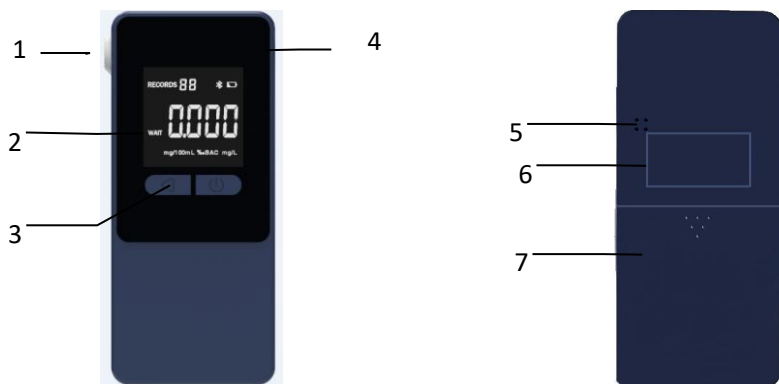
1	Air inlet	5	Sound hole
2	LCD Display	6	Label
3	Button	7	Battery cover
4	Air outlet		

3.2 LCD Display

1	Battery Icon	5	Records
2	Bluetooth Icon	6	Error
3	Value	7	Blow
4	Unit	8	Wait

## 3.3   Display notifications

|	
8.8 8 8	Reading
"2000" at start up	Number of remaining tests
Wait + "5 4 3 2 1"	Warming up time, please wait
Wait + ---	Analyzing
CAL	Calibration
Blow	Please blow
Blow + Error + rp	Blowing action is wrong
Lob	Low battery
RECORDS XX	The XX testing records
APP	Device works with APP

4 Operation

4.1 Device operation

1)   Open the battery cover, install two alkaline AAA 1.5V batteries.
2)   Insert the mouthpiece into the air inlet hole of device.
3)   Press the Power button to start up. Then the device will show Red, Green and Blue light indication, then screen displays 2 000 remaining numbers of tests. (If number is 0, calibration

reminder will be showed). After remaining number showed, w arming up time "5,4,3,2,1" displayed. After it ends, the device is ready.
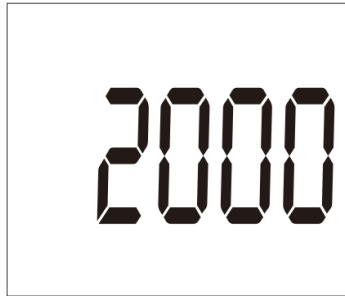
i.
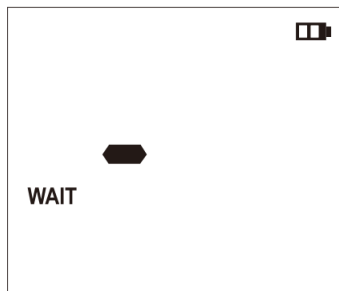
4) When screen display shows "Blow" and emit a beep sound, that's indicate the user to blow it. Please inhale a deep breath, and blow into the mouthpiece smoothly until there is a beep sound. The reading will be displayed after the device analyzes the sample gas.
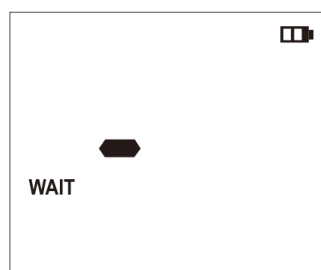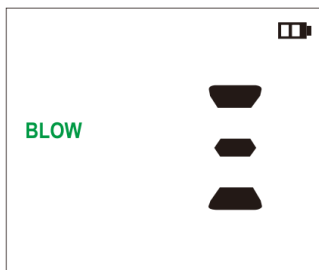
a)

5) When testing results is lower than pre-set alarm, light indicator is green; when testing results is equal or higher than pre-set alarm, light indicator turns red, and urgent alarm sound will be emitted together.

6) Press and hold the right power button for more than 3 seconds, the tester will turn off.

7) Testing records could be saved in the device for tracing. Long pressing left button to enter records review. Under the testing records interface, left button for last record, and right button for next record. Long pressing left button again to back test interface.
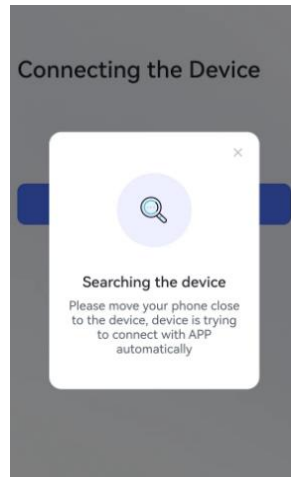
Note: The device will power off automatically if there is no operation for a certain continuous seconds.
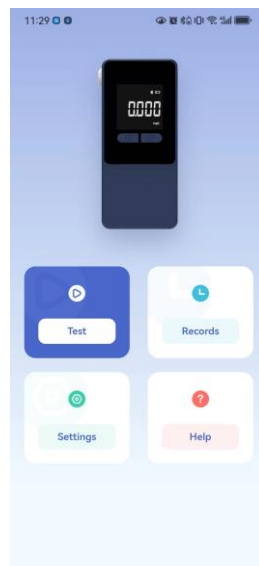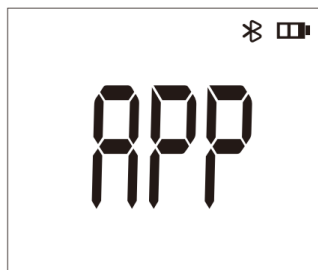
4.2 App operation

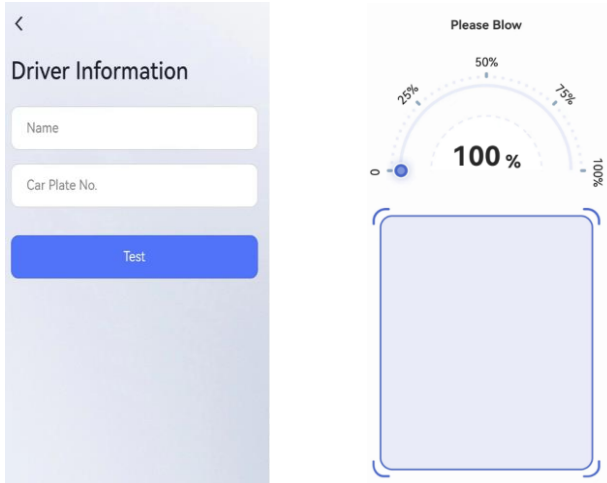1） Please search "AlcoCHECK" in Google Play and Apple Store to download APP.

2） Enable smart phone Bluetooth, and open APP. Then, Turn on the device. Click to connect with device.
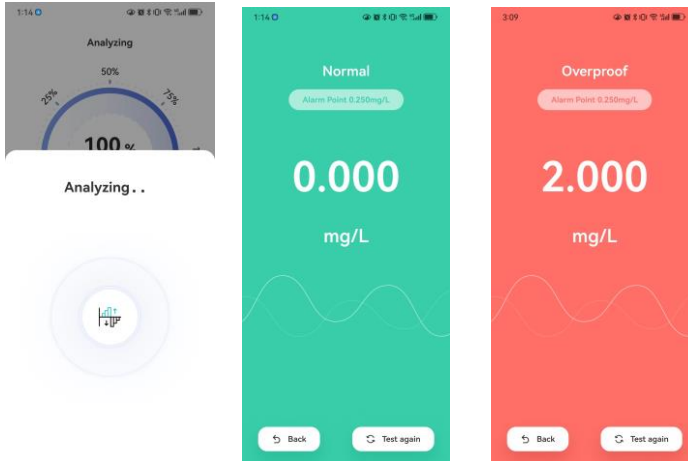
3） After matched, Device will enter APP mode, and APP works.

4） Click <Test>, after inputting user's name and Car information. App and device will be ready for blowing.

5）After blowing, testing results will be showed as below pictures. Green means under the pre-set alarm, red means higher than pre-set alarm.

6）The results will be saved in APP records automatically. Click <Records> to review the records.

<Obtain records> Updating the device records to APP.

<Export records> APP's testing records could be transmitted

via email.
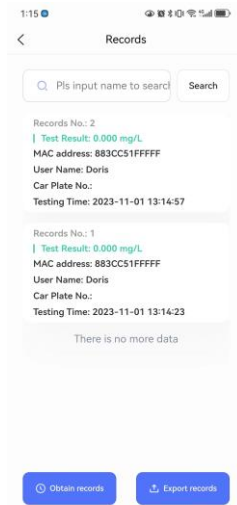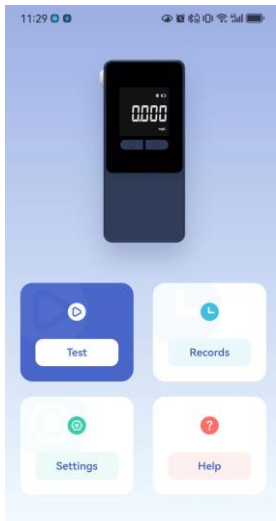
7） Click <Settings> to enter unit setting, alarm point setting and photograph setting.

8） <Unit setting>, units could be chose mg/l, g/l, %Bac,‰Bac and mg/100ml.

<Alarm point setting>, set the required alarm point.

<Photograph during blow>, people could choose to use or not use the camera during the blowing.

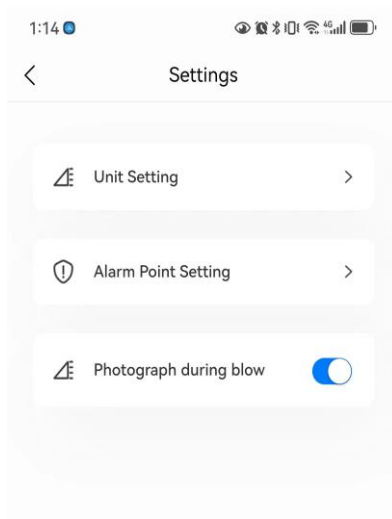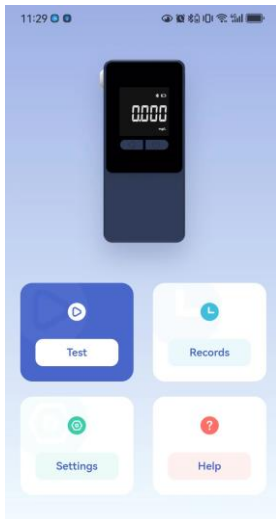9） <Help> for operation manual and notes.

4.3 Device function

1) Checking testing records of device—Long press left button to enter and exit to review records.

When device works without APP, the testing records could be saves locally. The maximum records could be latest 99 times. And the local records of device could be updated to APP. The steps in APP are <Records> and <obtain records>

2) Unit changing---Password "1111"

Power on device, press left and right button together for more than 1 second to enter "0000" interface. Input password "1111", choosing the required unit. Long press right button for save and exit, long press left button for exit without save.

3) Alarm point changing—Password "1112"

Power on device, press left and right button together for more than 1 second to enter "0000" interface. Input password "1112", choosing the required alarm point. Long press right button for save and exit, long press left button for exit without save.

4) Blowing sensitivity---Password "1113"

Power on device, press left and right button together for more than 1 second to enter "0000" interface. Input password "1113", 1-5 are five level blowing sensitivity, 1 is less, and 5 is the most. Choosing the required level. Long press right button

for save and exit, long press left button for exit without save.

5) K factor---password "2111"

Power on device, press left and right button together for more than 1 second to enter "0000" interface. Input password "2111", K factor is 1900 to 2300. Choosing the required level. Long press right button for save and exit, long press left button for exit without save.

5   Note

● Prevent the machine falling from high or shaking violently.

● Remove the battery if the tester is not going to be used for a long time. Change battery when the low battery icon is displayed.

● Please test fifteen minutes after consuming alcohol to make sure the test is accurate

● For accuracy, we recommend that calibrate the alcohol tester when "CAL" is displayed, 2000 times or 6 months after last calibration. (Whichever comes first.)

● After long-term storage, the accuracy of the first test may be not good, please use it several times.

● During the continuous test, if the user blows immediately after drinking, the sampled gas will be the gas of high alcohol concentration in the mouth. The residual of the high concentration of alcohol gas may remain in the mouthpiece, and may affect the accuracy of the next test, it is recommended to wait 1 minute before the next test, or use clean gas to blow into the mouthpiece for 3 seconds for cleaning.

● Please do not blow smoke directly into the tester, it will damage the sensor.

● After long time use, if the device is dirty, please use clean soft

cloth to wipe out it, do not use corrosive solvent or hard substance to clean the surface of the device, otherwise it may cause the surface of the device to be scratched or damaged.

● Do not block the air outlet when blowing.

● When install APP "AlcoCHECK", please allow the software to access the phone's location, allow AlcoCHECK to find and connect to nearby devices. When first using photo taking, please allow AlcoCHECK to access the camera, the microphone, and device information.

6   Troubleshooting

Fault	Possible reason	Solution
Device will not switch on	Wrong battery installation	Install the battery in the right way.
	Low battery	Change battery
	Circuit problem	Contact the agent or the manufacture
APP cannot be connected	Bluetooth has not open	Open phone's Bluetooth and GPS, make sure Android system is above Android 6.0
	ISO system problem	ISO system is above ISO 9.0
Due to the general Bluetooth compatibility issue, it is not guaranteed that all modes of phone connected successfully		

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.
FCC Radiation Exposure statement
The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.