AT8070 Breath Alcohol Tester
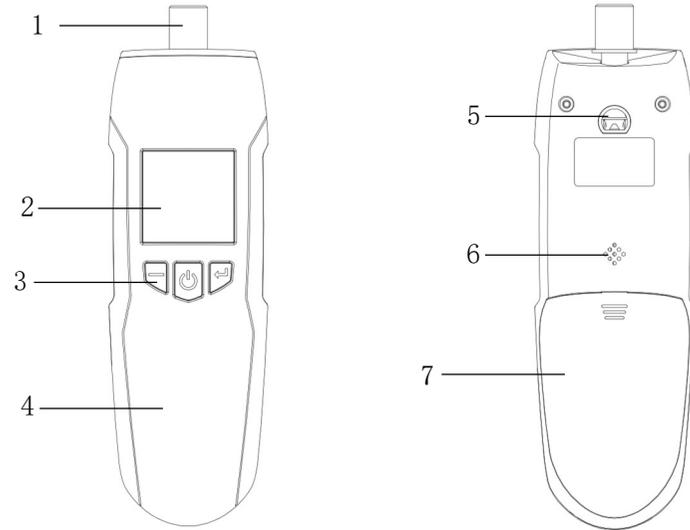
User Manual

Read Carefully Before Use

Brief Introduction

AT8070 is a breath alcohol tester implemented in fuel cell technology, featuring superb sensitivity and repeatability, low voltage remind, colorful LCD display, simply to operate, compact design and medium size which is conveniently to carry, audible and visible alarm indication when test result is beyond the preset threshold.

Parameters

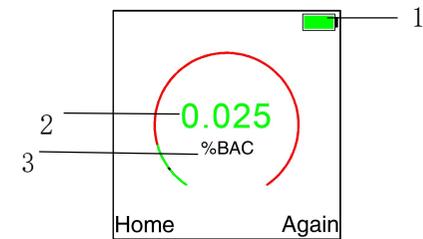| Sensor	Fuel Cell
Test Range	0-0.20%BAC, 0-2g/l, 0-200mg/100ml,with K=2000
Resolution	0.01%BAC,with 3 Decimals
Warm Up	About 5s
Operation Condition	Temperature：-10℃～50℃ Humidity：≤93%
Display	1.54 Inch Colorful LCD
Battery	Alkaline AAA Battery, 3 pieces
Blow Time	500 Counts with Full Battery Capacity
Dimension	150mm×50mm×34mm
Weight	73g Without Battery
Accuracy	±0.01%BAC at 0.05%BAC

Appearance

1.Mouthpiece
2.Display
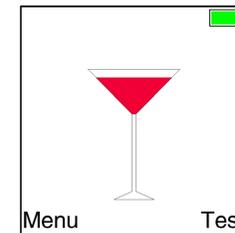3.Button
4.Housing
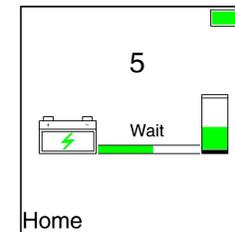
5.Air Outlet
6.Buzzer

7.Battery

Display Symbols

1. Battery Capacity
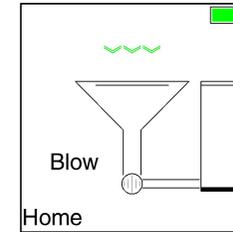2. Result Display
3. Measurement Unit

Operation

1. Open the battery cover, put 3 pcs of AA A alkaline battery in correct direction.

2. Attach mouthpiece.

3. Press the middle button [power icon] for 1 second to power on the device, along with one beep sound, the screen starts up.
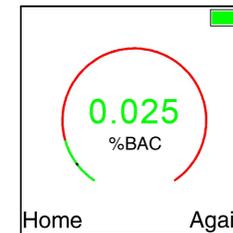

4. Press right button [enter icon] to proceed a test, whereas it will have 5 seconds warming up before blowing. Do not blow during this period.

5. After counting down ends, the device shows the following that means 'be ready to blow'. Keep blowing about 3-5 seconds until the device gives out the sound 'Ka'. It will indicate red light if the blowing is failure or there's not sufficient sample air collected.
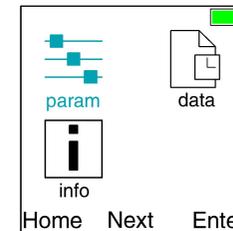
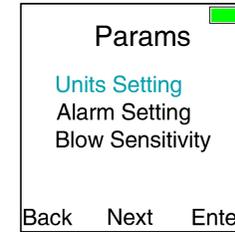6. Test result will be displayed after a completed and successful blow.

Menu

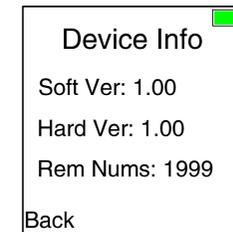After stating up, press left button ■ to enter the menu options.

"param" is parameters including selection of unit, alarm threshold, sensitivity.

Params

Units Setting
Alarm Setting
Blow Sensitivity

Back   Next   Enter

Uints Setting

☐ g/L
☐ mg/L
☑ %BAC
☐ ‰BAC
☐ mg/100mL

Back   Next   Prev

Alarm Setting

Alarm:0.050
%BAC

Back   Down   Up

Blow Sentivity

Level: 3

Tip:The higher the value, the higher the sensitivity

Back   Down   Up

In the "params", you can select different units, alarm threshold, blow sensitivity adjustment, with the number starting from 1 to 5, which corresponds to low to high sensitivity.

In the "info", you can check both software and hardware version, remaining blow times before next recalibration.

Device Info

Soft Ver: 1.00

Hard Ver: 1.00

Rem Nums: 1999

Back

In the "data", you can refer to historical records. The maximum storage is 10 records.

```
History Data

NO.: 1

Res: 0.025

Uint: %BAC

Back    Next    Prev
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Cautions

1. To have accurate indication of blood alcohol concentration, please test at least 15 minutes later after drinking.

2. To keep accuracy of alcohol tester, it's highly recommended to recalibrate the device in every 6 months.

3. Do not take smoke into the tube, which can damage the sensor.

4. Do not clean surface by Ethanol. Please use soft wet cloth and neutral detergent.

1. Do not use it beyond -10°C-50°C.

2. Avoid any fall or strong shock.