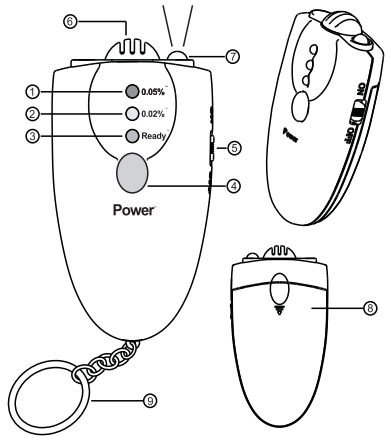


# BREATH ALCOHOL TESTER

## Instruction manual



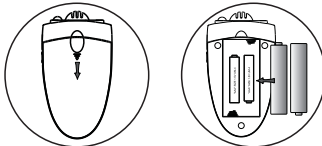
- (1) Red Light
- (2) Yellow Light
- (3) Green Light
- (4) POWER Button
- (5) Torch Switch
- (6) Breath Inhaler
- (7) Torch Light
- (8) Battery Compartment
- (9) Key Chain

## Features

1. 3-step alcohol test.
2. Quick response and resume.
3. Torch function.
4. Key chain.
5. Use two "AAA" alkaline batteries.

## Battery Installation

1. Slide open the battery compartment lid from the back of the unit.

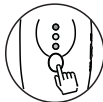


2. Insert two "AAA" (or UM-4) size alkaline batteries with correct polarity as indicated.
3. Replace the battery compartment lid.

## How to use the alcohol tester

### Warm up

1. Press and hold the power button to turn on the alcohol tester. The unit enters into warm-up.



2. Both of the following two mode indicate the unit enters into testing status.

- A. The yellow & red light will be turn on then turn off, only the green light keeps lighting.

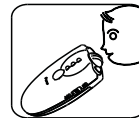
- B. The yellow & red light do not turn on, only the green light keeps lighting.
3. Please hold the power button until finished the whole test.

### Note:

- \* the warm-up time is about 0-15 seconds, and it is optional depended the sensor status or environment.
- \* It always has a large number of gas & impurity adsorbed on the surface of alcohol sensor, when first time taking out the tester from the packaging, or after long time no using for the tester, it need more time for cleaning and warm up the sensor, you should repress the power button and retry several times if possible.

### Test alcohol concentration

1. When warm-up is succeed, wait for 3-5 seconds, then near and blow into the breath inhaler for 3-5 seconds.



2. Look into the test result.



- A. Only green LED keeps lighting – safety, the alcohol concentration is the level:  
Under 0.02% BAC (0.1mg/L BrAC)
- B. Only yellow LED light – caution, the alcohol

concentration is the level:

0.02% to 0.05% BAC (0.10mg/L to 0.25mg/L BrAC)

C. Yellow LED & red LED both light – danger, the

alcohol concentration is the level:

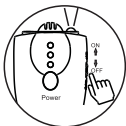
Over 0.05% BAC (0.25mg/L BrAC)

3. Release the power button when finished the test.

4. To obtain more accurate result, you can check repeatedly 2 or 3 times.

### Hou to use the torch

Set the torch switch to <on> position for turn on the torch.



\* Avoid inaccurate result, do not test the alcohol concentration when the torch is light.

### Replace battery

Replace two “AAA” batteries when the alcohol tester is not enough turn on or the torch become dim.

### Specifications

\* Sensor: semiconductor oxide alcohol sensor

\* Range: 0.00%-0.19% BAC (0.00-0.95mg/L BrAC)

\* Test accuracy: 0.01% BAC (0.05mg/L BrAC)

\* Power input: 2×1.5V “AAA” alkaline battery

\* Operating time: warm up: 10-15s, response: <5s

\* Dimension: 73×39×30mm

### Precaution

- When after drinking, it is recommended to last after 20 minutes, it is because 20 minutes is approximately for alcohol to be absorbed into blood from the digestive organs, and residual alcohol remaining in the mouth takes this long to dissipate.
- For accurate result, do not repeat next testing within 3 minutes after last time.
- Do not smoke and eat for 20 minutes prior testing.
- Do not use chemicals such as benzene, thinner or petrol to clean the tester directly.
- Do not blowing liquid into the breath pipe.
- Do not use any excitant substances near the tester, such as paint, insecticides, alcohol.
- Do not place the tester in the closed environment with contaminated air.
- Modifying or tampering with the unit's internal components may cause a malfunction.
- The unit is designed to be used as an aid to promote reasonable driving. It should not be used in anticipation of the use or operation of vehicles, machinery, or equipment.
- The unit makes no references whatsoever to blood alcohol content or other such measures of intoxication promulgated by government, medical or other agencies or bodies.
- The result of this alcohol gives BAC for reference only, manufacturer does not to take any legal responsibility.
- Each individual's body responds differently to alcohol. A person may become legally impaired to drive at a point below the legal blood alcohol limit.

### Note:

BAC: Blood Alcohol Concentration  
BrAC: Breath Alcohol Concentration



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