

## AT-178 Breath Alcohol Tester

The Breath Alcohol Tester should be used only to give an indication of the possible presence of alcohol in the breath/blood. You should not rely upon it as the sole basis to determine intoxication or whether it is safe to drive a vehicle, operate equipment, or engage in dangerous activities.

Everyone has different body responds to alcohol consumption and his testing result only a reference, not a subject standard for consequent decision.

The manufacture, importer or distributor takes no responsibility whatsoever for the use of this product for any reason. This product must not be used as a tool for determining whether a person is able to operate a motor vehicle or device legally or safely. The intake of any alcohol will impair reflexes and judgment to operate motor vehicle.

### Main Features:

- ◇ Advanced MEMS alcohol sensor
- ◇ Quick response
- ◇ SMD assembling, stable performance
- ◇ Smart MCU control
- ◇ Direct Testing process LCD Indication
- ◇ Portable design
- ◇ No touch health design
- ◇ Audio warning beyond pre-set limit
- ◇ Battery saved design; Low voltage indication
- ◇ Mouthpiece optional



### Technical Information:

Hot-wire alcohol sensor

Detecting Range: 0.00-2.00g/L

(0.00-0.20%BAC, 0.00-2.00‰BAC; 0.00-1.00mg/L)

Accuracy: ±5% F.S

Pre-set limit: 0.50g/L (0.05%BAC, 0.5‰BAC, 0.24mg/L)

Warm-up Time: < 10 sec (SAT178B: I warm-up 18 sec)

Testing Time: < 8sec

Display: 3 digitals LCD indication with red backup light

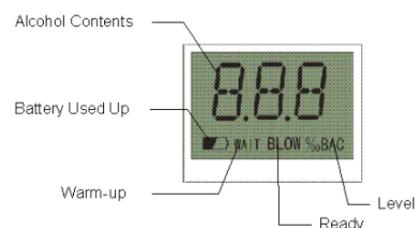
Power Supply: 3VDC (2×AAA batteries)

Working Environment: -10℃~50℃ ≤95%RH no dews

Dimension: 105mm X 55mm X 17mm @50g

### Indication:

0.00 g/L	breathed alcohol content
WAIT	warming, please wait
BLOW	ready to test
■ □	battery used up, please replace it.



The Alc Nose breath alcohol tester can be for quick detection of alcohol in the breath. If you are in excessive drink, the tester would give you audio warning beyond pre-set limit.

**Operation Instruction:**

1. Slide down to open the battery compartment, insert the batteries and close it carefully, please note the correct polarity direction in the battery compartment, otherwise, you may damage the unit.
2. Press the switch button, the backup lamp would on, with a buzzer brief ringing the "WAIT" flashes and warm-up of 10 sec begin (long time not use its initial warm-up is 18 sec), the fig on the LCD countdown from 10-0, until "WAIT" disappears, and the "C" and "BLOW" guide you to have a testing.
3. Blow into the "Gas Entry" immediately, when the "C" and "BLOW" appears, please have a deep breath and breath out directly to gas entry with 3- 4cm Interval, stop blowing immediately when the "C" and "BLOW" disappear, also a buzzer ringing would remind you to stop.
4. Read the result, after breath out, the LCD would give the readout of your alcohol contents, the result would be keep on the screen for 8 sec, with a buzzer ring, it will cut off the power supply automatically.
5. If a new testing needed, press the switch button again and repeat the above step.

**Notification:**

1. Avoid any strong shock and drop to keep the tester in careful package or deposit.
2. Do not wipe it with any cleaning agent, if noise gas exist, the normal testing would be disturbed.
3. To ensure the testing result, please wait 10 min to take the testing after your drinking or smoking.
3. Generally, the tester is more accurate around pre-set level, If you need to specify an accurate point, please give your order information to your local distributor.
4. After long time storage, if the initial alcohol level of the LCD is on high Level, please open and close it times to stabilize until the level is 0.00 in unit.
5. To ensure an accurate testing result. Do not blow smoke or noise gas to gas entry.

In the interest of continued product improvement, we reserve the right to change design features without prior notice