

AT800 Fuel Cell Breathalyzer



Cautions

- To have accurate indication of blood alcohol concentration, please test at least 15 minutes later after drinking. Make sure to attach a mouthpiece during testing, otherwise, the result is not accurate.
- Not recommend to use it beyond -10°C-50°C. The reading may not be accurate.
- To keep accuracy of alcohol tester, it's highly recommended to be recalibrated in every 6 months. Please calibrate the sensor once the tester is due for recalibration.
- Do not block breath sample inlet, otherwise, the sample could be stay inside of tester, which will impact following tests.
- Do not clean surface by Ethanol. Recommend to use soft wet cloth and neutral detergent.
- Do not let smoke go into the mouthpiece and tester, which may damage the sensor.
- Avoid any fall or strong shock which may damage the tester.

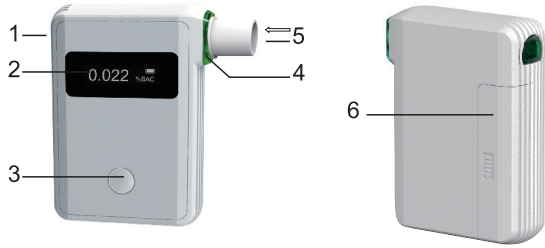
General Information

AT800 is a key chain breathalyzer which is convenient to carry and use at all times. It adopts fuel cell sensor which provides superb accuracy and repeatability; OLED shows results with 3 decimals; Preset alarm threshold; Low voltage indication, etc.

Specification

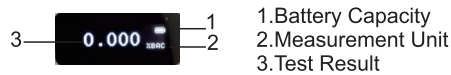
Model	AT800	Warm Up Time	Less than 5s
Sensor	Fuel Cell	Operation Condition	Temperature: -10°C~50°C Humidity: ≤95%
Test Range	0~2.00mg/L 0~0.400%BAC 0~4.00g/L 0~440mg/100mL	Resolution	0.001%BAC
		Battery	1×1.5V AAA
		Dimension	66mm*47mm*19mm
Display	OLED	Weight	35g
Accuracy	±0.010%BAC at 0.050%BAC		

Appearance



1	Breath Sample Outlet	4	Indicative Light
2	Display	5	Breath Sample inlet
3	Button	6	Battery Cover

Display



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

Meaning of Display Contents

0.0 5 5	Breath Test	BLOW	Please Blow
	Result	CALC	Calculation
4 digits after starting on, e.g. 1988	Residual Testing Times Before Next Recalibration	LOW POWER	Battery Low
		LOW POWER Auto Power Off	Battery Low and Power off
WARM	Warming Up	APP MODE	APP Working Mode
CALIB	Calibration	K	Constant Conversion Vaule between BrAC and BAC.

Menu

Press and hold power button until there's "CALIB", then click the button once at each time, there will be displaying "UNIT", "ALM", "MODE", and "EXIT".

"CALIB" is for calibration.

"UNIT" is for measurement unit change. Long press button under interface "UNIT", it will enable to select unit from %BAC, ‰BAC, g/L, mg/L, mg/100mL by clicking

once at each time, then long press to store.

"ALM" is for alarm threshold change. Long press button under interface "ALM", it will enable to change alarm point by stopping at "+" and "-", click once at each time to modify the value, and long press to store.

"K" is constant value between BrAC and BAC.

"CLEAN" is for deleting records.

"MODE" is for switchable among three working mode, "STANDARD" for normal working mode, "ECO" for battery save mode, and "DEMO" for demonstration only. Long press to store one of three working mode.

"EXIT" is for back to original interface.

Operation Without App

1) Take off battery cover, install 1 piece AAA 1.5V battery. Please be aware of the polarity.

2) Insert Mouthpiece.

3) Press and hold power button until starting on, the following signs will turn up in sequence, an immediate beeping, display lights up, indicator lights take turns with red, green and blue, display shows residual blow times before next recalibration, and warming up counting down.

Please note it will stay at APP MODE if it's connected with App.

4) When warm up ends, there will be displaying BLOW. Please blow smoothly until you hear "di", results will be coming up in seconds. If there's failure, it will indicate by red light.

When the result is below pre-set alarming threshold, the light will indicate by green, if above, it will be red light with beeping alarm.

Press and hold power button more than 3 seconds, it will turn off. If there's no any operation within a period of time, it will turn off automatically.

Operation With App

First, please search "AlcoTest" in Google Play, or "Alc Test" in Apple Store to download App.

Enable smart phone bluetooth, and open the App for AT800. Then, turn on the breathalyzer, the App and device will be automatically matched. Click BLOW in App, and please start blowing on device.