

## Components



## Contents

Breathalyzer, Hard Case, Mouthpieces(x5), AAA Batteries(x2), Pouch, Hand strap, and User's manual

# Fuel Cell Technology ALCOSCAN AL9000



## User's Manual

The Fuel Cell Sensor Technology, AL9000 is intended to measure alcohol in human breath. The accuracy of this device has been established at a Blood Alcohol Concentration of 0.000 to 0.400%BAC or 0.000 to 4.000‰ or 0.000 to 2.000mg/l BrAC. Accuracy testing was completed according to DOT regulations.

## How to use



1. Press the power button.
2. Unit will warm up until display "blow" sign.
3. Blowing through the mouthpiece into the unit for 4 seconds until beep twice.
4. The result is displayed for 15 seconds.  
If you want to test again, press the power button after the back light turns off.
5. Unit automatically turns off after 2 minutes.

\* If you keep press and hold the power switch, you can check the accumulated total test counts.

## Warnings

- a. Wait at least 20 minutes after eating or drinking before testing. Alcohol remaining in the mouth, or even excess saliva, may interfere with testing. This includes alcohol-based mouthwash or similar products.
- b. Avoid testing in high wind or enclosed spaces. Poor ventilation may also lengthen the time required for warm up between tests.
- c. Do not blow smoke, saliva or other contaminants into the mouthpiece, as the sensor may become damaged.
- d. Do NOT use the AL9000 as a tool to drink and drive.
- e. Keep out of extreme temperatures and out of the reach of children.

## Specifications

Indication of B.A.C (Full 3 decimals)	0.000 to 4.000‰ or 0.000 to 2.000 mg/l or 0.000 to 0.400%BAC by LCD Display
Warm up time	5 seconds ~ 2 minutes
Response time	within 10 seconds at 0.100%BAC
Use mouthpiece	Provided
Sensor	Fuel Cell Sensor
Power supply	Low 1.5V "AAA"size alkaline batteries
Battery charge	500 measurements
Weight	100g (including Batteries)
Dimensions(mm)	106(height) X 50(width) X 20(thickness)
Ambient conditions	Operation : 0 to 40°C Storage : 0 to 50°C
Accuracy	±0.005%BAC at 0.100%BAC

## Sold Separately

**Program Install CD, USB bus cable**  
Connectable to a PC to manage data measured.



When the AL9000 is connected to a PC, "USB" is displayed. If you can not see this sign when you connect AL9000 to a PC, please reconnect it.

## Warnings



If you see "Flow" in the display, the breath sample was not strong enough for measurement. Please power on the unit again and make sure the breath is strong and steady during sampling.



If you see "bat" in the display, the battery power is low. Please replace the batteries.

## Warranty

The manufacturer warrants the product to be free from defects in workmanship or material (excluding calibration) under normal use for six (6) months from the date of purchase. The manufacturer's obligation under this warranty is limited to replacing, adjusting or repairing the unit if returned along with proof of purchase. This warranty is void if the unit has been tampered with or maliciously damaged.

## Recalibration & Service

For recalibration and technical support, please contact us at: