



## Breath Alcohol Tester

The DRIVESAFE breath alcohol tester provides accurate results in seconds using our newest electrochemical sensor and LCD display. DRIVESAFE has been trusted by transportation safety professionals for more than 20 years.

# DRIVESAFE

## Breath Alcohol Testers



### New Electrochemical Sensor

DRIVESAFE is one of the only breath alcohol testers engineered for the personal market that uses an electrochemical sensor. These sensors, also known as fuel cells, are known for their stability over longer periods of time resulting in higher accuracy levels and reduced calibration intervals compared to less sophisticated semi-conductor sensors. Other benefits include less susceptibility to false positives from substances such as acetones and hydrocarbons which typically register on semi-conductor sensors.

### Three way Display

Breath Alcohol Concentration (BrAC) results are displayed in three ways to ensure accurate interpretation by the user.

- A three digit display shows the numerical result similar to professional alcohol testers.
- The LED bar graph shows how the result compares with the total measurement range of the sensor (0 to 0.15 %BAC).
- A tri-colour LED backlight simulates a pass/warn/fail range in cases where the exact value is less significant than the range it falls within. Green is "pass", yellow is "warn" and red is "fail".

### Variable BAC Formats

Since different countries use different BAC units of measurement, DRIVESAFE is capable of displaying six different BAC formats including:

- g/dL
- mg/dL
- µg/dL
- g/L
- mg/L
- µg/L

### Warranty

ACS breath alcohol testers are warranted to be free from defects in workmanship and material for one year from the date of purchase. It is recommended that only qualified Technicians perform maintenance of any breath alcohol tester.

### Specifications

Size:	137mm x 59mm x 26mm
Weight:	155 grams
Sensor:	Electrochemical (fuel cell)
Specificity:	Alcohol only, no response to ketones or hydrocarbon
Ambient Temperature:	0°C to 50°C
Purge Cycle (Initial Test):	< 30 sec
Breath Sample:	5 second moderate and continuous breath sample
Analysis Time:	< 10 sec
Recycle (Recovery) Time:	25 sec
BAC Readout Format:	g/dL, g/L, mg/dL, mg/L, µg/dL, µg/L
Range of Measurement:	0 to 150 mg% (0.000 to 0.150 %BAC)
Accuracy:	± 5% @ 100 mg% (±0.005 @ 0.10 %BAC)
Display:	Tri-colour, 3 digit LCD with graph.
Last test recall:	No
Battery Type:	AA x2
Battery Life:	1000 tests
Mouthpiece:	Disposable
Calibration:	AlcoSim™ or equivalent