

ALCOLAB™

Breath Alcohol Tester



20180301



ALCOHOL COUNTERMEASURE SYSTEMS

Designed to enhance safety in any setting

The ALCOLAB is a breath alcohol tester designed for public use and safety sensitive industries. It provides professional-grade accuracy and user friendly operation to ensure users can conveniently self administer their own breath alcohol tests with confidence. Fully automated and easy to use, it is engineered for accuracy, reliability and security.

Electrochemical sensor

The ALCOLAB uses electrochemical sensor technology, the standard for law enforcement breathalyzers. The professional-grade sensor delivers results within 10 seconds and is highly specific to alcohol; ensuring other substances, such as cigarette smoke, dust and humidity will not skew results.

Ease of use

The ALCOLAB is fast, reliable and fully automated. Simply insert a straw into the ALCOLAB port and blow moderately and continuously for five seconds. The user friendly, LED display indicates the user's BrAC level and the reference limit.

Public and industry safety

The ALCOLAB enhances existing safety programs and policies. The ALCOLAB is designed and manufactured to operate effectively and reliably in a variety of settings, from public locations such as restaurants and casinos to industrial settings including mining, construction, gas and oil industries and more. Examples include:

- Airports
- Bars
- Casinos
- Colleges and universities
- Nightclubs
- Restaurants
- Sports arenas
- Tool shops

Your safety, our promise

ISO TS 16949, ISO 9001, ISO 14001, ISO/IEC 17025 and ISO 17034 certified, ACS ensures high quality design and manufacturing of all products and services while balancing our respect for the environment. Our commitment to safety, quality and customer service defines our industry leadership.



Sensor
Electrochemical



Specificity
Alcohol only; no response to ketones or hydrocarbons



Range of measurement
0 to 500 mg/dL



Time to ready
< 30 seconds



Analysis time
< 10 seconds



Recycle time
25 seconds



Accuracy
 $\pm 5 @ 50 \text{ mg/dL}$



Display
LED illuminated display,
3 digit BAC



Operating temperature
0 °C to +50 °C



Operating voltage
110 - 220 volt AC



Calibration
ALCOSIM™ breath alcohol simulator or equivalent



Dimensions
32 cm x 23 cm x 7 cm



Weight
3 kilograms