

# Intoximeters

Experience • Service • Integrity



## Alco-Sensor® III

Evidential-grade, handheld breath alcohol tester

Made in the U.S.A.

**Intoximeters' instruments have been proven time and time again to be the most accurate on the market. Having the distinction of being the oldest breath alcohol instrument manufacturing company in business today, we have led the breath alcohol testing industry since 1945.**

Since the 1970's, the Alco-Sensor® line of handheld breath alcohol detectors has defined and has been at the forefront of innovation in the handheld breath alcohol analyzer market. With over 500,000 instruments placed into service, Intoximeters has an advantage over its competitors. We have market knowledge and experience acquired through the customer feedback from more than 70 years in business.

Intoximeters, Inc. developed the first evidential grade fuel cell based breath alcohol analytical system. We have been the pioneer in improving the fuel cell sensor's stability and longevity. Data shows that our instruments are the highest quality analytical sensors available in the law enforcement market today, and our records indicate that we offer the longest lasting fuel cell sensors available.

The Alco-Sensor III is a pocket-sized, evidential-grade, handheld breath alcohol tester that provides a simple, accurate, and economical method for determining a subject's breath alcohol concentration.

The instrument offers last test recall, a mouthpiece ejector for hygiene, an internal temperature sensor for software-controlled temperature compensation, and automated calibration. It features a large, bright, three-digit display that captures and holds the results, and can be read in low light and nighttime operations with ease.

Simplified operation allows for a single button activation to initiate the automated sample analysis.

The Alco-Sensor III assists education administrators and campus security in monitoring and preventing alcohol abuse during school hours, sporting events, dances, and social events.

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## Analytical System

Utilizes an Intoximeters electrochemical fuel cell sensor which generates an electrical response that is proportional to the Breath Alcohol Concentration in the provided, fixed volume sample. The fuel cell sensor is highly selective for alcohol. It does not respond to acetone or other substances found in the human breath after a fifteen minute deprivation period.

## Measurement Types

Direct Test / Manual Sample  
Passive Test / Manual Sample  
Headspace Test / Manual Sample

## Measurement Range

.000 to .500 g/210L (custom ranges and units of measure are available)

## Accuracy and Precision

Meets the NHTSA model specifications for Evidential Breath Test Devices

## Environmental Limitations

Instrument is designed to be used and has a proven track record in almost any environment that an operator could expose breath alcohol testing instruments to. Instrument operates in a wide range of temperatures, ambient humidity, and ambient pressures.

## Mouthpiece

Direct Sample - Available in two models: standard straight through, or optional one-way/check valve configuration  
Headspace Sample - not required to perform test

## Visual Output

A large, high visibility, red LED display

## Data Storage

Last test

## Power Options

Disposable Batteries - 1 x 9V alkaline battery  
Optional Rechargeable Batteries - 1 x 9V rechargeable (battery charger sold separately)

## Case Construction

Instrument - Impact resistant ABS plastic  
Carrying Case - Blow molded plastic case is provided in standard package

## Physical

Instrument Dimensions - 5.0" x 3.5" x 1.25"  
Instrument Weight (with batteries) - 0.38 lbs  
Standard Carrying Case Dimensions - 7" x 3.5" x 9"  
Standard Carrying Case Weight (loaded) - 1.35 lbs

## Approvals

NHTSA (US DOT) EBT, Inquire for list of approved US States or certifications in countries outside of the USA. CE Mark

## Standard Package Includes

Printed Manual  
25 Mouthpieces

## Instrument Options

Mouthpiece Ejector Kit

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## Training

Intoximeters offers in person training and has a variety of training tools available to help a user cascade training to their own operators. Contact our training department (for more information see Training section of our website at [www.intox.com/training](http://www.intox.com/training))