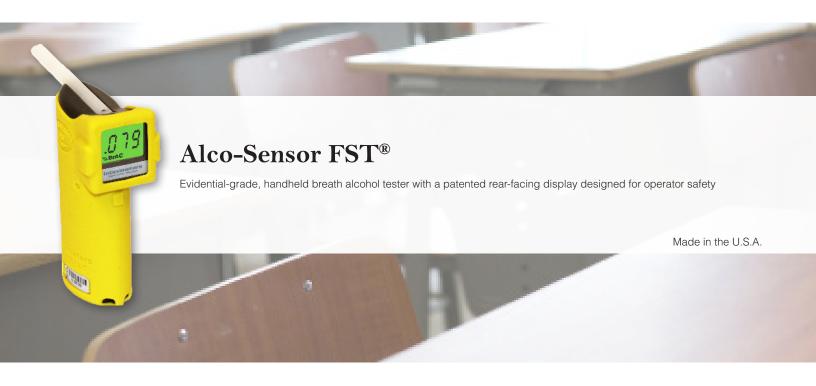


**Experience** · Service · Integrity



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 lead 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 customer feedback from our 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. The 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.

With the Alco-Sensor FST, we've made safety a top priority. Unlike other instruments in the industry, the Alco-Sensor FST features our patented rear-facing display allowing the operator to view the instrument's display while remaining in control of the subject and monitoring the surrounding environment. Additionally, the unique lever-and-snap mouthpiece diverts the subject's breath away from the operator during the sample collection process.

and can perform a headspace analysis of a sample over an open container. It is designed for both left- and right-hand use.

What's more, this instrument is law enforcement-grade accurate, and is very likely to be the same brand your local police are using. Its compact design features a backlit LCD display, an illuminated mouthpiece guide, and optional multicolor backlit messaging to warn of important test conditions.

The SureGripTM sleeve protects the entire unit, while allowing easy access to the battery compartment. The sleeve contains two magnets, one on each side of the instrument, for protection against instrument loss. A soft-touch contact surface offers a reliable grip, reduces sliding on flat surfaces, and improves the unit's resistance to extreme temperature changes.

The accuracy, rear-facing design, recovery time, and NHTSAdocumented results of the Alco-Sensor FST make it the leading handheld EBT currently in the market, making it the perfect solution for educational institutions. Applications include dances, sporting events, field trips, education and

health classes, and other use by school administration and campus security to detect and prevent alcohol abuse.

# Intoximeters

#### **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 oth er substances found in the human breath after a fifteen minute deprivation period.

#### **Measurement Types**

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

# Measurement Range

.000 to .440 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 most all environments that law enforcement exposes breath alcohol testing instruments to. Instrument operates in a wide range of temperatures, ambient humidity, and ambient pressures.

#### Mouthpiece

Direct Sample - The Intoximeters-designed mouthpiece provides both a "lever and snap" alignment for simple installation and provides a tested and proven mouthpiece that produces accurate and repeatable results.

Passive Sample - Passive cup adapter

Headspace Sample - drink sniffer adapter

## Visual Output

Easy to read backlit, multi-colored graphic display and lighted mouthpiece guide

#### **Audio Output**

Audible tone to support visual messaging

#### **Data Storage**

Last test

## **Power Options**

Disposable Batteries - 2 1.5V AA alkaline batteries Optional Rechargeable Batteries - 2 NiMH batteries (battery charger sold separately) (International option only)

#### **Case Construction**

Instrument - ABS/Polycarbonate with a yellow rubber Sure-grip™ sleeve. The Sure-grip™ sleeve is also available, upon request, in black or blue. Carrying Case - Blow molded plastic case is provided in standard package

### **Physical**

Instrument Dimensions - 4.75" x 2.75" x 1.75" Instrument Weight (with batteries) - 0.47 lbs
Standard Carrying Case Dimensions - 7" x 3.5" x 9"
Standard Carrying Case Weight (loaded) - 1.3 lbs

#### **Approvals**

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

# Alco-Sensor FST®

Evidential-grade, handheld breath alcohol tester with a patented rear-facing display designed for operator safety





## Standard Package Includes

eManual
25 Mouthpieces
Magnets on both sides of instrument sleeve
Access to online web-based training

#### Training

Access to online web-based training with instrument serial number.

