

Intoximeters

Experience • Service • Integrity



Alco-Sensor FST®

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

Made in the U.S.A.

Intoximeters' instruments have been proven time and time again to be the most accurate on the market. We have led the breath alcohol testing industry for over 60 years.

The Alco-Sensor FST is a pocket-sized, evidential-grade, handheld breath alcohol tester that automatically samples direct or passive samples, and can perform a headspace analysis of a sample over an open container. It is designed for both left- and right-hand use.

The accuracy, rear-facing design, recovery time, and NHTSA-documented results of the Alco-Sensor FST make it the leading handheld EBT currently in the market, and the perfect solution for law enforcement and sobriety programs.

Since 1945, Intoximeters has been manufacturing products to assist in DUI enforcement. The Alco-Sensor® line of alcohol breath testing instruments is the standard by which other handheld breath alcohol analyzers are compared.

Officer Safety Features:

- 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
- Unique lever-and-snap mouthpiece diverts the subject's breath away from the operator during the sample collection process

Superior Performance in Low-Light Conditions:

- Backlit LCD display
- Illuminated mouthpiece guide
- Optional multi-color backlit messaging to warn of important test conditions

Features of the 2015 Model:

- Sure-grip™ sleeve held firmly in place over entire instrument.
- Easy-change battery access
- Enhanced sliding resistance on multiple surfaces
- Magnets on both sides of the instrument reduce instrument loss or damage during the heat of an arrest
- A scratch/impact resistant display lens
- Soft touch contact surface for a reliable, comfortable grip
- Enhanced impact resistance
- Enhanced resistance to extreme temperature changes

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Certifications • Approvals

- NHTSA (US DOT) approved for evidential use
- CSFS/ATC (Canada) approved
- Inquire for full list of approved international use

Sensor

The genuine Intoximeters electrochemical fuel cell sensor generates an electronic response that is proportional to the Breath Alcohol Concentration in the provided breath sample. The fuel cell sensor is specific for alcohol in the human breath and does not respond to acetone or other substances that can be found in human breath.

Accuracy and Precision

- Leading handheld breath alcohol tester in accuracy
- Meets or exceeds the federal model specifications for traffic enforcement
- Meets or exceeds the requirements of European Standard EN 15964

Range of Sensor

Standard range of detection is .000 - .440 BrAC with other ranges available

Response Time

Produces results quickly on both positive and negative samples

Sampling System

- Offers both automatic and manual sampling
- Features an automatic blank sample

Sample Type Capability

- Direct breath
- Passive
- Headspace of an open container

Display

- Backlit LCD display
- Illuminated mouthpiece guide
- Multi-color backlighting that provides visual indicators of test conditions

Environmental

Operates over a wide ambient temperature range

CE Mark

CE Mark compliant for EMC compatibility for emissions and immunity

Mouthpieces • Passive Cups • Drink Sniffer

- Lever-and-snap designed mouthpieces for direct sampling
- Automatic passive sampling
- Improved headspace analysis

Power Supply • Capacity

- Two (2) AA batteries
- 1,500+ tests per set of batteries

Physical Characteristics

- Handheld
- 170 g
- 120 mm x 70 mm x 45 mm

Case Construction

ABS/Polycarbonate blend, impact-resistant rubber sleeve and display bezel included

Memory

Equipped with last test recall

Instruction Material

- E-manual provided
- Individual or group web-based interactive training provided
- Instrument training classes available

Alco-Sensor FST[®]

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Magnets on both sides of the instrument strongly adhere to ferrous metal surfaces such as a car, to prevent instrument loss during the heat of an arrest.

