

The industry standard for **Preliminary Breath Testing** instruments



Alco-Sensor FST®

Made in the U.S.A.

Since 1945, Intoximeters, Inc. has been manufacturing law enforcement evidential grade breath analyzers to assist in DUI enforcement. As industry pioneers our instruments are designed for accuracy, durability, and officer safety with the highest quality and longest lasting fuel cell in the market today. We offer a range of devices for law enforcement and workplace, including handheld, portable, and desktop evidential grade instruments.

Safety Features:

- **Patented** rear-facing display
- **Line of site** display for operator safety
- **Diverts breathflow sample** away from operator

Design Features:

- **Easy to read** backlit display
- **Quick and easy** mouthpiece installation
- **Lighted mouthpiece guide** for low light conditions

User Features:

- **Intuitive operator** step-by-step protocol
- **Small light weight** fits in pocket
- Audio and visual **test indicator prompts**



Sure-grip™ Sleeve
Comfortable soft touch grip

Performance Features

- **Evidential** accuracy and precision
- **Minimal wait** time between tests
- **Battery saver** auto shut off
- **Enhanced** impact resistance
- **Display lens protection**
- **Side magnets** for vehicle attachment to prevent loss



Standard Package Includes

- Manual
- 25 Mouthpieces
- Passive cup
- Drink Sniffer

A Variety of Testing Methods:

- Direct Subject Testing with Automatic and/or Manual Sampling
- Passive Testing Mode with Automatic and/or Manual Sampling
- Manual Sampling the headspace of an open container for alcohol content

Additional Features:

- Warranty
- Free web-base training
- Carrying case included

Alco-Sensor FST®

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

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
- 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 in a wide range of environments.

Mouthpiece

- Direct Sample - The Intoximeters-designed mouthpiece provides both a “lever and snap” alignment for simple installation, delivering a tested and reliable mouthpiece that ensures precise and consistent results.
- Passive Sample - Passive cup adapter
- Headspace Sample - drink sniffer adapter

Visual Output

Easy to read backlit LED display and lighted mouthpiece guide

Audio Output

Audible tone to support visual messaging

Data Storage

All versions of software support last test data retrieval. Custom software versions support data storage and data transfer to an external database

Power Options

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

Print Capable

Custom software versions support printing capabilities

Certification & Approvals

- NHTSA (US DOT) EBT Evidential Breath Tester, for certifications in countries outside of the USA (contact your local distributor or Intoximeters directly)
- UK Home Office Type Approved
- EN 15964 approved
- NMI (Netherlands) approved
- CE Mark

Training

Contact your local distributor or utilize our free on-line training modules



Bilateral magnets on outer sides of the instrument securely attach to ferrous metal surfaces.



Physical -

Colors - Yellow, Blue, Black

Instrument Dimensions - 4.75" x 2.75" x 1.75" (121 mm x 70 mm x 44 mm)

Instrument Weight (with batteries) - 0.47 lbs (0.21kg)

Standard Carrying Case Dimensions - 7" x 3.5" x 9" - (178 mm x 89 mm x 229 mm)

Standard Carrying Case Weight (loaded) - 1.3 lbs (0.59 kg)

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