

The industry standard for **Breath Alcohol Testing** Instruments



## Alco-Sensor FST®

Made in the U.S.A.

Since 1945, Intoximeters, Inc. has been manufacturing law enforcement grade, evidential breath alcohol analyzers to assist in DUI enforcement. As industry pioneers, our instruments are designed for accuracy, durability and operator 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 testing, including handheld, portable, and desktop evidential instruments.

### Operator Safety:

- **Patented** rear-facing, line of sight display
- **Mouthpiece diverts breathflow** away from operator
- **Breakaway** wrist strap
- **Left / Right** hand use

### Design:

- **Easy to read** backlit display
- **Quick and easy**, secure lever and lock mouthpiece installation
- **Illuminated mouthpiece guide** for low light conditions

### Operation Features:

- **Intuitive** step by step protocol
- **Pocket-sized** light-weight
- **Audible and visual** test prompts

### Performance:

- **Evidential** accuracy and precision
- **Minimal wait time** between tests
- **Durable**



**Sure-grip™ Sleeve Protection**



### Standard Package Includes:

- Alco-Sensor FST®
- 25 Mouthpieces
- 2 Passive cups
- 1 Drink Sniffer
- Wrist strap
- Carrying case
- Quick reference guide
- 2 AA Batteries
- Yellow Grip
- Warranty

## 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 - Automatic / Manual Sample
- Passive Test - Automatic / Manual 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

- Instrument is designed to be used in a wide range of environments.

### Mouthpieces

- Direct Sample - The Intoximeters engineered mouthpiece provides both a "lever and lock" alignment for simple installation ensuring precise and consistent results.
- Passive Sample - Passive cup adapter enhances dependability of the sample
- Headspace Sample - Drink sniffer adapter increases sensitivity

### Visual Output

- Easy to read backlit LED display and lighted mouthpiece guide

### Audible Output

- Audible tone to support visual messaging

### Data Storage

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

### Power Options

- Disposable Batteries - Two 1.5V AA alkaline batteries

### Print Capable

- Custom software versions support printing capabilities

### Certification & Approvals

- NHTSA (US DOT) Evidential Breath Test Device
- UK Home Office Type Approved
- EN 15964 approved
- NMI (Netherlands) approved
- CE Mark
- Complete approval list available upon request

### Training

Utilize our free on-line training modules



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



### Physical

- Available Sure-grip™ Colors - Yellow, Blue, Black
- Instrument Dimensions - 4.75" x 2.75" x 1.75" (0.121 cm x 0.07 cm x 0.044 cm)
- Instrument Weight (with batteries) - 0.47 lbs.(0.21kg)
- Standard Carrying Case Dimensions - 7" x 3.5" x 9" (0.178 cm x 0.089 cm x 0.229 cm)
- Standard Carrying Case Weight (loaded) - 1.3 lbs. (0.59 kg)

### Case Construction

- Instrument - ABS/Polycarbonate
- Carrying Case - Blow molded plastic case is provided in standard package