

**Intoximeters, Inc.**

# **ALCO-SENSOR FST®**



**World Leader in Breath Alcohol Testing  
for Over Sixty Years**

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# **ALCO-SENSOR FST®**

## **THE INSTRUMENT**

The Alco-Sensor FST is a pocket-sized, handheld breath alcohol tester. It provides a simple, accurate and economical method of determining a subject's breath alcohol concentration with evidential grade accuracy. The Alco-Sensor FST automatically samples direct or passive samples.

## **UNIQUE FEATURES**

The Alco-Sensor FST was designed with operator safety in mind. Unlike other instruments available in the market, the Alco-Sensor FST's symmetric design allows the operator to remain in control of the subject, view the instrument display, monitor the surrounding environment and divert the subject's breath away from the operator during the sample collection process.

The Alco-Sensor FST also offers advantages in low light operations such as a backlit LCD display, an illuminated mouthpiece guide, a "lever and snap" mouthpiece insertion and optional multi-color backlit display messaging to warn of important test conditions.

## **ANALYTICAL**

### **SENSOR**

The 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. It does not respond to acetone or other substances which can be found in human breath.

### **ACCURACY & PRECISION**

US DOT approved for evidential use. Meets or exceeds the federal model specifications for traffic enforcement and DOT breath alcohol testing.

### **RANGE OF SENSOR**

The Alco-Sensor FST accurately detects breath alcohol levels up to .440 BrAC, or equivalent.

### **RESPONSE TIME**

The Alco-Sensor FST unit produces results quickly on both positive and negative samples.

### **SAMPLING SYSTEM**

The Alco-Sensor FST offers both automatic and manual sampling.

### **SAMPLE TYPE CAPABILITY**

Direct Breath  
Passive  
Headspace of an Open Container

### **DISPLAY**

Backlit LCD display  
Multi-color backlighting which can provide visual indicators of test condition

### **ENVIRONMENTAL**

Operates over a wide ambient temperature range

### **CE MARK**

CE Mark compliant for EMC compatibility for emissions and immunity

### **MOUTHPIECES**

Specifically designed mouthpieces for direct sampling, automatic passive sampling and improved headspace analysis.

### **POWER SUPPLY/CAPACITY**

Two AA batteries  
1,500+ tests per set of batteries

### **PHYSICAL CHARACTERISTICS**

Handheld/6 oz (170g)

### **CASE CONSTRUCTION**

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

### **MEMORY**

Last test recall

### **INSTRUCTIONAL MATERIAL**

Individual or group web-based interactive training

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