

Intoximeters, Inc.

ALCO-SENSOR® III



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

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ALCO-SENSOR® III

THE INSTRUMENT

The Alco-Sensor III 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.

UNIQUE FEATURES

The Alco-Sensor III offers last test recall, mouthpiece ejector, internal temperature sensor with software controlled temperature compensation and automated calibration. The unit has a large, bright, three-digit display that captures and holds the results without the need to press and hold the READ button. The Alco-Sensor III accepts breath samples manually and is also capable of sampling an unconscious person or detecting alcohol in a solution.

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 III accurately detects breath alcohol levels up to .400 BrAC.

RESPONSE TIME

The Alco-Sensor III "capture and hold" displayed results are generated within 5 seconds on negative samples and within 30 - 45 seconds on positive samples.

SAMPLING SYSTEM

The Alco-Sensor III has a manually operated sampling system.

SAMPLE TYPE CAPABILITY

Direct Breath
Passive
Headspace of an Open Container

DISPLAY

Large, high visibility, red LED display

ENVIRONMENTAL

Operates over a wide ambient temperature range

CE MARK

CE Mark compliant for EMC compatibility for emissions and immunity

MOUTHPIECES

Either straight or one-way individually wrapped mouthpieces may be used for sampling and can be automatically ejected from the Alco-Sensor III which eliminates operator contact and reduces the possibility of disease transmission.

POWER SUPPLY/CAPACITY

9 volt heavy duty alkaline battery
500+ tests per battery

PHYSICAL CHARACTERISTICS

Handheld/6 oz (171g)

CASE CONSTRUCTION

ABS plastic - impact resistant

MEMORY

Last test recall

INSTRUCTIONAL MATERIAL

Introductory Video on CD
Manual

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