

# Intoximeters

Experience • Service • Integrity



## Alco-Sensor® V<sub>XL</sub> with Printer

Evidential-grade, handheld unit with an industry-exclusive rear-facing display designed for operator 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.**

With the Alco-Sensor V<sub>XL</sub>, we've made operator safety a top priority. Unlike other instruments in the industry, the Alco-Sensor V<sub>XL</sub> features a patented rear display, allowing the operator to remain in control of the subject, view the instrument's display, and monitor the surrounding environment. This design also allows for ambidextrous use. The lever and snap mouthpiece diverts the subject's breath away from the operator during the sample collection process.

The Alco-Sensor V<sub>XL</sub> is an evidential-grade, handheld breath alcohol tester that performs both screening and confirmation testing of subjects.

What's more, this instrument has superior performance in low light conditions. It features a backlit LCD display, an illuminated mouthpiece guide, and optional multi-color backlit messaging to warn of important test conditions.

Our Alco-Sensor V<sub>XL</sub> instrument is offered paired with a docking station and standard printer. An optional Bluetooth upgrade to the instrument allows wireless communication to a Class 1 Bluetooth v1.1 enabled thermal printer, in addition to wireless communication to a computer for printing and transferring test records.

The Alco-Sensor® line of alcohol breath testing instruments is the standard by which other handheld breath alcohol analyzers are compared. They are the most widely used instruments for workplace testing. Applications include DOT, NRC, DOE, and USCG regulated testing as well as non-regulated workplace testing.

Intoximeters is recognized as the industry expert, and our products are accepted in state, federal and international courts. We set the standard in products, training, and expert testimony.

# Intoximeters

## Certifications • Approvals

- NHTSA (US DOT) approved for evidential use
- Inquire for list of international certifications

## 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 that can be found in human breath.

## Accuracy and Precision

- Designed to meet the federal model specifications for traffic enforcement and DOT breath alcohol testing.
- Designed to meet the requirements of European Standard EN 15964
- Designed to meet the international standards of OIML R-126

## 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

## Sample Type Capability

- Direct breath
- Headspace of an open container

## Calibration • Accuracy Checks

Allows for both dry gas and wet bath accuracy checks and calibrations

## Display

Features a multi-color, backlit, graphics LCD display

## Environmental

Operates over a wide ambient temperature range

## CE Mark

CE Mark compliant for EMC compatibility for emissions and immunity

## Mouthpieces

Lever and snap designed mouthpieces for direct sampling

## Power Supply • Capacity

- Instrument - Four (4) 1.5V AA batteries or four (4) AA NiMH rechargeable cells (1,500+ tests per set of batteries)
- Printer - Four (4) AA NiMH rechargeable batteries

## Physical Characteristics

- 34.29 cm x 30.48 cm x 15.24 cm - Standard printer
- 33.96 cm x 29.5 x 15.24 - Bluetooth printer
- 2.95 kg - Standard printer
- 2.90 kg - Bluetooth printer
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## Carrying Case Construction

- With Standard printer - Soft carrying case made of heavy-duty, water-resistant nylon material surrounding a protective foam liner
- With Bluetooth printer - Watertight, crush-proof, dust-proof, hard plastic Pelican carrying case with a protective foam liner
- Instrument encased in impact-resistant ABS plastic with rubber over molding

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## Memory

In a basic software setup, device stores over 7,000 test records. Actual test memory is dependent on the amount of information collected with each test. Optional memory expansion is available.

## Instruction Material

- Hard copy manual included
- Optional instructional DVD available
- Instrument training classes available

## Accessories • Software

- Barometer board, Bluetooth board (standard printer option only), rechargeable dock, rechargeable battery pack
- Alco-Sensor® V<sub>XL</sub>erator and IntoxNet data management software programs

