

Intoximeters

Experience • Service • Integrity



Alco-Sensor® V_{XL} with Printer

Evidential-grade, handheld unit with an industry-exclusive rear-facing display

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_{XL}, we've made operator safety a top priority. Unlike other instruments in the industry, the Alco-Sensor V_{XL} 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_{XL} is an evidential-grade, handheld breath alcohol tester that performs both rapid screening and passive testing of subjects as well as headspace analysis of a sample over liquid.

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_{XL} 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.

Applications include emergency response, drug and alcohol treatment programs, and medical research and studies.

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
-

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

Alco-Sensor® V_{XL} with Printer

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



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_{XL}erator and IntoxNet data management software programs

