Intoximeters

Experience · Service · Integrity

Alco‑Sensor® VXL

Evidential-grade, handheld unit with a patented rear-facing display designed for operator safety

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 VXL, we've made operator safety a top priority. Unlike other instruments in the industry, it features our patented rear-facing display allowing the operator to view the instrument's display while remaining in control of the subject and monitoring the surrounding environment. This design also allows for ambidextrous use. Additionally, the unique lever-and-snap mouthpiece diverts the subject's breath away from the operator during the sample collection process.

The Alco-Sensor VXL is an evidential-grade, handheld breath alcohol tester that automatically samples direct or passive samples and can perform a headspace analysis of a sample over an open container.

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

The Alco-Sensor VXL is an extremely flexible instrument. It can be used in stand-alone mode or interfaced with a variety of peripheral devices through a docking station or optional wireless connection. Additionally, it is capable of running multiple test protocols on one instrument.

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

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

Sensor
The genuine Intoximeters 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 in the human breath and 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

Range of Sensor
Standard range of detection is .000 - .440 BrAC with optional other ranges

Response Time
Produces results quickly on both positive and negative samples

Sampling System
- Offers both automatic and manual sampling for direct or passive testing
- Features an automatic blank sample capture

Sample Type Capability
- Direct breath
- Passive
- 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 and side-facing LED indicator lights

Environmental
Operates over a wide ambient temperature range

CE Mark
CE Mark compliant for EMC compatibility for emissions and immunity

Mouthpieces · Passive Cups · Drink Sniffers
- Lever-and-snap designed mouthpieces for direct sampling
- Automatic passive sampling
- Improved headspace analysis

Power Supply · Capacity
- Four (4) AA batteries
- 1,500+ tests per set of batteries
- Optional rechargeable NiMH battery pack

Physical Characteristics
- Handheld
- 343 g
- 190 mm x 102 mm x 57 mm
- Magnetic head

Case Construction
Constructed of impact-resistant ABS plastic with rubber overmolding

Memory
Depending on software used, can store more than 7,000 test records

Instruction Material
- Operator's manual provided
- Optional instructional DVD available
- Instrument training classes available

Optional Accessories and Software
- Barometer, Bluetooth, GPS
- Rechargeable battery pack
- Alco-Sensor® VXLerator software program

Customization
Custom parameters are available upon request.