Intoximeters
Experience · Service · Integrity

Alco-Sensor® VXL 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. Having the distinction of being the oldest breath alcohol instrument manufacturing company in business today, we have led the breath alcohol testing industry since 1945.

Since the 1970's, the Alco-Sensor® line of handheld breath alcohol detectors has defined and has been at the forefront of innovation in the handheld breath alcohol analyzer market. With over 500,000 instruments placed into service, Intoximeters has an advantage over its competitors. We have market knowledge and experience acquired through customer feedback from more than 70 years in business.

Intoximeters, Inc. developed the first evidential grade fuel cell based breath alcohol analytical system. We have been the pioneer in improving the fuel cell sensor's stability and longevity. Data shows that our instruments are the highest quality analytical sensors available in the law enforcement market today, and our records indicate that we offer the longest lasting fuel cell sensors available.

With the Alco-Sensor VXL, we've made operator safety a top priority. Unlike other instruments in the industry, the Alco-Sensor VXL 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 VXL 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 VXL 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.

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Analytical Systems
Utilizes an Intoximeters electrochemical fuel cell sensor which generates an electrical response that is proportional to the Breath Alcohol Concentration in the provided, fixed volume sample. The fuel sensor is highly selective for alcohol. It does not respond to acetone or other substances found in the human breath after a fifteen minute deprivation period.

Measurement Types
Direct Test / Manual Sample
Direct Test / Automatic Sample
Passive Test / Manual Sample
Passive Test / Automatic Sample
Headspace Test / Manual Sample

Measurement Range
.000 to .440 g/210L (custom ranges and units of measure are available)

Accuracy and Precision
Meets the NHTSA model specifications for Evidential Breath Test Device

Environmental Limitations
Instrument is designed to be used and has a proven track record in almost any environment that an operator could expose breath alcohol testing instruments to. Instrument operates in a wide range of temperatures, ambient humidity, and ambient pressures.

Mouthpiece
Direct Sample - The Intoximeters-designed mouthpiece provides both a "lever and click" alignment for simple installation and provides a tested and proven mouthpiece that produces accurate and repeatable results.
Passive Sample - Passive cup adapter
Headspace Sample - Drink sniffer adapter

Visual Output
Backlit multi-color graphics LCD, side facing LEDs and a lighted mouthpiece guide provide easy to see visual information to help the operator complete the testing process.

Audio Output
Audible tone to support visual messaging

Data Storage
Can store up to 7,000 tests (depending upon number of data fields collected)

Print Capable
Yes

Power Options
Disposable Batteries - 4 x 1.5V AA alkaline batteries
Optional Rechargeable Batteries - 4 x 1.5V NiMH rechargeable cells
Power for Printer - Rechargeable battery (charger included)

Case Construction
Instrument - Rugged ABS casing with rubber overmolded grips
Carrying Case - Nylon, water resistant softcase is provided in standard package

Physical
Instrument Dimensions - 7.5" x 4.0" x 2.25"
Instrument Weight (with batteries) - .75 lbs.
Standard Carrying Case Dimensions - 16.5" x 6" x 14"
Standard Carrying Case Weight - 6.4 lbs.

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Approvals
NHTSA (US DOT) EBT, Inquire for list of approved US States or certifications in countries outside of the USA. CE Mark

Standard Package Includes
Compatible Printer
Docking Station (not necessary if BT kit loaded on instrument)
Printed Manual
100 Mouthpieces

Instrument Options
AS VXLerator Data Management System
IntoxNet
Barometer Kit
BlueTooth Kit
Low Energy BlueTooth Kit
GPS Kit
Instrument Recharging Station
Instrument Docking Station
Keyboard Kit
Mouthpiece Ejector Kit

Training
Intoximeters offers in person training and has a variety of training tools available to help a user cascade training to their own operators. Contact our training department for more information (see Training section of our website at www.intox.com/training).