

Intoximeters

Experience • Service • Integrity



Alco-Sensor® V_{XL} @Point of Arrest®

Evidential-grade, portable instrument tailored specifically for roadside applications

Made in the U.S.A.

Since 1945, Intoximeters, Inc., the oldest operating breath alcohol instrument manufacturer in the world, has been manufacturing the highest quality instrumentation to assist in DUI enforcement.

The Alco-Sensor V_{XL} @Point of Arrest is a fully portable evidential breath test system designed specifically for the roadside and its rigorous environment. Particular consideration in design was given to operator safety, ease of testing, accuracy, and precision.

Unlike other instruments in this class, the Alco-Sensor V_{XL} offers best-in-class electrochemical fuel cell sensing technology. The instrument also offers a rear facing, heads-up display that allows the operator to effectively control and monitor the instrument, subject, and surrounding environment. It is designed for both left- and right-hand use.

For ease and safety during low light conditions, the Alco-Sensor V_{XL} features a lighted mouthpiece guide, an easy to install lever-and-snap mouthpiece, a multi-color backlit display, and sidelight LEDs for indicating sample condition status.

The Alco-Sensor V_{XL} is designed to be immune to radio frequency interference (RFI) in normal testing environments, but in uncontrolled environments such as the roadside, the instrument utilizes a patented RFI detection system that ensures that the test result has not been compromised.

This instrument boasts an easy-to-navigate user interface, substantial test memory, and interconnectivity through cradled or wireless interface. Its flexibility makes it the perfect solution for roadside breath alcohol testing. Applications include municipal, federal, county, and state police, as well as highway patrol, military police and boating enforcement.

Intoximeters

Analytical System

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 Devices

Environmental Limitations

Instrument is designed to be used and has a proven track record in most all environments that law enforcement exposes 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

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 - Water tight, hard plastic carrying case 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 - 19.5" x 5.5" x 15"
Standard Carrying Case Weight (loaded) - 12 lbs.

Approvals

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

Alco-Sensor® V_{XL} @ Point of Arrest®

Evidential-grade, portable instrument tailored specifically for roadside applications



Standard Package Includes

Compatible printer
Keyboard
Docking Station
Printed Manual
100 Mouthpieces

Instrument Options

Card Reader
AS VXLerator data management system
IntoxNet
Barometer Kit
BT Kit
LEBT Kit
GPS Kit
Instrument Recharging Station
Instrument Docking Station

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).