

Intoximeters

Experience • Service • Integrity



Intox DMT™

Evidential-grade, desktop unit that utilizes infrared technology and adapts to both transportable and fixed-site testing

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.

The Intox DMT was the first to integrate a breath alcohol instrument with a computer that featured a graphics touch screen running a Windows CE operating system. The Intox DMT employs multi-filter infrared spectroscopy to determine breath alcohol concentrations. This extremely accurate and precise instrument features:

- A highly-regulated infrared source lamp, which is chopped in real time at speeds 200+ times faster than other commercially available systems.
- A thermo-electrically cooled PbSe detector.
- A folded optical path that minimizes sample volume and increases the signal-to-noise ratio allowing for accurate results down to 0.001 BrAC.
- Narrow bandwidth optical filters permitting the DMT to be highly specific for not only ethanol, but also to the virtual exclusion of other alcohols and potentially interfering compounds.
- A Grey Body infrared energy source that maximizes the power efficiency, enabling the DMT to operate cooler, with greater stability and efficiency.
- A powerful embedded computer, customizable user interface, customizable reporting, and a wide range of input/output connectivity for peripheral devices.

- On-screen graphical representation of test events.
- On-screen access to important instrument data for quality audits.
- Integration with DMT Host data management system.

Suitable for random on-duty personnel testing, treatment programs, or for use by Military Police, the Intox EC/IR II can be used on base, on the airfield, or on a vessel to support your military testing program.

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Analytical System

Utilizes an infrared detection system to both monitor the sample for alcohol during the sample submission process and quantitate the end breath alcohol concentration.

Measurement Types

Direct Test / Manual Sample
Direct Test / Automatic Sample

Measurement Range

.000 to 600 g/210L (custom ranges and units of measure are available)

Accuracy and Precision

Meets the NHTSA model specifications for Evidential Breath Test Devices

Supported Calibration Systems

Automatic delivery of Dry Gas or Wet Bath Standards

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

Visual Output

Easy to read large color touch screen, which can be utilized as a signature pad

Supported COM I/O

USB, Modem, Ethernet, RS232 Serial

Print Capable

Yes, with external printer

Power Options

Wall current - 100 - 240 VAC

Case Construction

Instrument - Aluminum case construction

Physical

Instrument Size - 15" x 15" x 5.25" (without dry gas compartment)

Instrument Weight - 14.25 lbs (without dry gas compartment)

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

Printed Manual
100 Mouthpieces
External Keyboard

Options

DMT host data management software, media player, speaker output, heated simulator tube, magnetic card reader, barcode reader (2D), digital simulator with electronic control monitoring, external printer

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Intox DMT



Intox DMT with optional dry gas compartment

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).