

# Intoximeters

Experience • Service • Integrity



## Intox DMT Dual Sensor

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

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 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 and fuel cell technology 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 DM Host data management system.

Applications include Municipal Police, County Police, State Police, Highway Patrol, Campus Police, Harbor Police, Military Police, Park Police and Boating Enforcement.

# Intoximeters

## Analytical System

Utilizes an **infrared detection system** to both monitor the sample for alcohol during the sample submission process and quantitate the end alcohol concentration. The Instrument also quantitates the end breath alcohol concentration with an Intoximeters **electrochemical fuel cell sensor** which generates an electrical response that is proportional to the 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

## Measurement Range

.000 to 450 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 - 12 VDC / 100 - 240 VAC

## Case Construction

Instrument - Aluminum case construction

## Physical

Instrument Size - 20.25" x 17" x 5.25"

Instrument Weight - 19.75 lbs

## Approvals

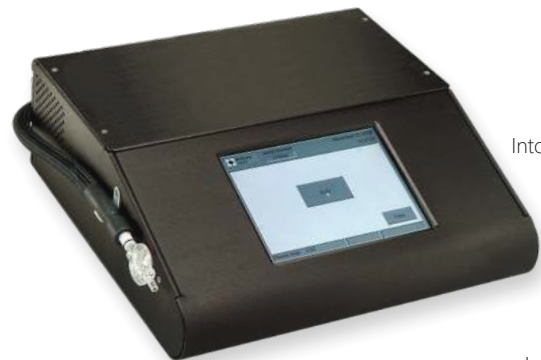
NHTSA (US DOT) EBT, Inquire for list of approved US states or certifications in countries outside of the USA. CE Mark.

## Standard Package Includes

Printed Manual  
100 Mouthpieces  
External Keyboard

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Intox DMT



Intox DMT with optional dry gas compartment

## Options

DMT host data management software, media player, speaker output, heated simulator tube, magnetic card reader, barcode reader, voice prompts, integrated dry gas compartment, digital simulator with electronic control monitoring, external printer

## 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](http://www.intox.com/training)).