

Intoximeters, Inc.

INTOX EC/IR® II.t



World Leader in Breath Alcohol Testing
for Over Sixty Years

(EUROPE)

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THE INSTRUMENT

The Intox EC/IR® II.t is a transportable evidential instrument designed to meet the flexible needs of portable testing environments. The instrument's analytics combine the advantages of electrochemical fuel cell analysis with the real time analytical advantages of infrared technology. It's light weight, user friendly features, easily read display, and internal printer capabilities provide a compact yet powerful solution to meet your mobile breath testing needs.

UNIQUE FEATURES

The Intox EC/IR® II.t leads the industry in analytical capabilities with it's utilization of evidential grade electrochemical fuel cell sensor (EC) and infrared sensor (IR) technology. By monitoring for both alcohol and carbon dioxide concentrations in the breath, the infrared system offers a high degree of analytical capabilities then comparable instruments. Multiple 32-bit CRC settings lead the industry in providing data protection and software security within the instrument. Advanced techniques for radio frequency immunity and detection combined with self diagnostic routines ensure that the instrument meets operational requirements of your program. User interface to the Intox EC/IR® II.t can be accomplished by means of a single pushbutton or through an optional keyboard. Remote access for testing data acquisition and maintenance procedures can be achieved with Intoximeters Intoxnet software.

For additional information concerning this instrument please see our website at <http://www.intox.com>, or call your local sales representative.

ANALYTICAL

SENSOR

Featuring Intoximeters' proprietary integration technology the electrochemical fuel cell sensor generates an electronic signal that is proportional to the Breath Alcohol Concentration in the provided breath sample. Being specific to alcohol the fuel cell sensor does not respond to acetone or other substances commonly found in the human breath.

Utilizing a dual wavelength, multiple-filter detection system the infrared sensor monitors the levels of alcohol found in the breath sample in "near real time".

ACCURACY & PRECISION

Designed for OIML R-126 compliance Meets or exceeds the United States of America federal model specifications for evidential breath alcohol testing.

RANGE OF SENSOR

The Intox EC/IR II.t accurately detects breath alcohol levels up to 2.00 mg/L (or equivalent), with over range indication.

RESPONSE TIME

Produces results quickly for both positive and negative samples.

PHYSICAL CHARACTERISTICS

368 X 368 X 158 mm
(14.5" X 14.5" X 6.25")
5.1 kg (11.2 lbs)

SAMPLING SYSTEM

The Intox EC/IR® II.t offers automatic sampling of a direct breath test sample. Optional manual sampling is also available.

Display

Features a highly visible and durable LCD display that is backlit for excellent visibility in both daytime and nighttime use.

Printer

Configured with a high quality, long life internal thermal printer that provides fast and easy to read printouts. Also capable to print to a variety of optional external printers (both Parallel and Serial).

Environmental

The Intox EC/IR® II.t is designed to operate with a standard temperature range of -10C to 50C. Meets or exceeds environmental conditions of OIML R-126.

CE MARK

CE Mark certification

MOUTHPIECES

To eliminate the possibility of suck back during sample collection a range of one-way check valve mouthpieces are available.

POWER SUPPLY

DC internal power supply compatible with either 11 to 16v DC or 90 to 270v AC power connections.

KEYBOARD (Optional)

Standard PC AT compatible

CASE CONSTRUCTION

Aluminum

Memory

1.54 MB. Capable of storing over 4000 tests depending on software requirements.

I/O

2, RS-232 Serial Communication Ports
1, Parallel Port
Optional Serial Ethernet Adapter

Instruction Materials

In addition to a manual, Intoximeters offers a wide variety of factory certified training courses on use and maintenance of the instrument.

ACCESSORIES/OPTIONS/ SOFTWARE

Contact your local Intoximeters representative to learn more about the available solutions to meet your program needs.

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