

Intoximeters

Experience • Service • Integrity



RBT IV

Evidential-grade, handheld breath alcohol tester coupled with a programmed printer for seamless sequencing

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 RBT IV is a package containing our Alco-Sensor IV breath alcohol tester and a programmed Microprocessor/Printer that prompts the operator through step-by-step sequencing, prints a hard copy of the test results, and stores test information to memory.

The RBT IV will request subject and/or operator information prior to performing a test and will then produce a hard copy result documenting the collected data along with other pertinent test result information. Specific test protocols are available standard, including DOT, NRC, and law enforcement. Custom protocols are also available upon request.

By combining the industry's most widely-used evidential-grade, handheld breath alcohol tester with a programmed printer for printing and information storage, we've made breath alcohol testing easy and affordable for the military. Applications include on-duty personnel testing, civilian testing, treatment programs, or use by Military Police to monitor, control and prevent alcohol abuse.

Intoximeters' Alco-Sensor® products are the most accurate handheld breath alcohol testers available today, and are the standard by which other handheld breath alcohol analyzers are compared.

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

Measurement Range

.000 to .400 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 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 one-way mouthpiece provides both a means to turn the instrument on without damaging the on switch mechanism and provides a tested and proven mouthpiece that produces accurate and repeatable results with minimal drawback.

Visual Output

Highly visible red, four character LED display on ASIV and backlit two line sixteen character LCD display on RBT printer.

Audio Output

Audible tone to support visual messaging

Data Storage

900 tests (depending upon number of data fields collected)

Print Capable

The RBT IV has its own custom printer/microprocessor for printing and storing test data.

Power Options

Disposable Batteries - Single 9V alkaline battery in ASIV
Power for Printer - Rechargeable 12V DC battery for RBT (trickle charger included)
Wall Current - Optional power adapter for stationary use (without 12V battery)

Case Construction

Instrument - Metal fiber impregnated, impact resistant ABS plastic to protect the instrument from rough handling and provide radio frequency shielding. Printer case is made of ABS plastic.
Carrying Case - Nylon, water resistant soft case is provided in standard package.

Physical

Instrument Dimensions - 5.5" x 3.5" x 1.5"
Instrument Weight (with batteries) - 0.69 lbs.
Standard Carrying Case Dimensions - 16" x 6" x 14"
Standard Carrying Case Weight (loaded) - 7.25 lbs

Approvals

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

Standard Package Includes

RBT IV Printer / Microprocessor
Printed Manual
100 Mouthpieces

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Instrument Options

IntoxNet Data Management System
RBT IV Serial Adapter

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)