



Intoxilyzer® 500 Features & Specifications

Designation: Portable, handheld, breath alcohol measuring instrument.

Detector:

Electrochemical fuel cell.

Specificity:

The detector is unaffected by acetone, paint and glue fumes, foods, confectionery, methane, and Practically all other non-alcoholic substances at levels found in human breath.

Sampling:

Automatic after the subject provides a sufficient volume of breath. A manual sampling feature is also provided.

Memory:

The result of the last five tests are stored and can be recalled until the next test is started.

Instrument Control:

by microcontroller

Accuracy:

Meets DOT specifications of ± 0.005 BAC up to 0.100 BAC and $\pm 5\%$ above 0.100 BAC.

Response Time:

Within 5 seconds of sampling, depending on alcohol concentration.

Display:

Easily visible backlit LCD Graphic display 12x64 pixels, 1 $\frac{3}{4}$ " x 7/8".

Audible Indicator:

Beeper signals change in instrument status.

Operating Temperature:

23° to 113°F (-5° to 45°C)

Storage Temperature:

-4° to 149°F (-20° to 65°C)

Calibration:

Automated procedure by either dry gas or wet bath simulator.

Dimensions:

2 $\frac{1}{2}$ "w x 4 $\frac{3}{4}$ "h x 1 $\frac{1}{4}$ "d

Weight:

5 oz. with batteries installed.

Power Supply:

2AA Batteries provide 1,000+ tests.

Warranty:

Two year, parts and labor.

INTOXILYZER®

500



- Easy Menu Operation
- Pocket Size
- Accurate and Reliable
- Fast Response and Recovery
- Multiple Test Modes
- 2 Year Warranty
- Automatic and Manual Sampling
- Right and Left Hand Use
- Rugged and Durable
- NHTSA Approved

EMI INC.

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EMI INC.

INTOXILYZER® 500



Bag Kit

The Intoxilyzer 500 is available in a bright yellow utility bag. The bag provides an easy to see storage container with quick access to the instrument and an assortment of accessories. The kit includes the rubber grip sleeve, 20 easy fit mouth pieces, a sampling cup, wrist strap, and training video.



BrAC Test

The Breath Alcohol Testing Mode (BrAC TEST) is the most common mode use of the Intoxilyzer® 500 when performing a field sobriety test. The Intoxilyzer® 500 will always start up in the Breath Alcohol Testing Mode (BrAC TEST).

Zero Tolerance

The Zero Tolerance test can be performed using the reusable sampling cup provided with the purchase of the Intoxilyzer® 500. In this mode test can be run quickly - a very useful tool when testing a large group in a zero tolerance environment.

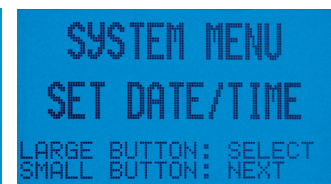
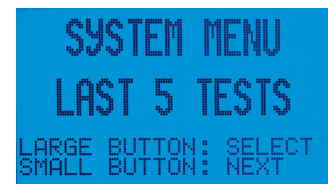
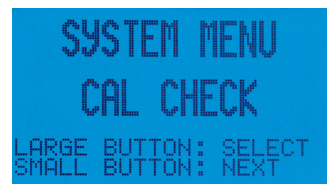


Last Test Recall

The easy step through menu of the Intoxilyzer 500 provides quick access to the last test result.

System Menu

Access to tasks that are not performed on a daily basis can be quickly accessed in the system menu.



Hard Carry Case

The Intoxilyzer 500 is available in a rugged hard plastic carry case. The case provides protection of the instrument when not in use. The kit includes the rubber grip sleeve, 20 easy fit mouth pieces, a sampling cup, wrist strap, and training video.



Accessories and Calibration Standards

CMI offers all of the elements required to keep you breath testing instruments accurate. Simulators and Solution, Ethanol Gas Standards and Gas Cylinder Regulators. We make it easy to maintain a precise and reliable instrument fleet.



Easy Fit Mouthpiece



Regulator



Sampling Cup



Ethanol Gas Standards

Other instruments offered by CMI



The Intoxilyzer® 9000

has unparalleled performance in accuracy, precision and interferent detection by using pulsed infrared technology, eliminating chopper motors or mechanical filters in the analytical system. The Intoxilyzer® 9000 offers a wide range of options to exceed the demands of today's evidential breath testing programs



AlcoBlow®

The perfect screener to test for alcohol use in a zero-tolerance situation. It can be used in many situations including:

- Students during school or special events.
- Above beverages to check for the presence of alcohol.



Intoxilyzer® 600

The Intoxilyzer® 600 device is a hand-held portable instrument for fast, on the spot determination of a subject's breath (or blood) alcohol concentration level. The Intoxilyzer 600 offers a wide range of options to exceed the demands of today's evidential breath/blood testing programs.