

AUTOMATIC SAMPLING BREATH  
ALCOHOL INSTRUMENT WITH  
TEST STORAGE, PC CONNECTION  
AND PRINTING OPTIONS

# INTOXILYZER<sup>®</sup> 400



**EMI** INC.

# Print and store alcohol breath test results!

*The Intoxilyzer® 400 is a fuel cell-based breath alcohol testing instrument that features an automatic breath sampling system, data storage of more than 100 tests, and a communications port for test result printing or downloading to a PC for record-keeping and data management.*

## A UNIQUE INSTRUMENT

The Intoxilyzer® 400 was specifically designed for employee testing programs. It's fully automatic! Results are displayed in seconds and automatically printed. If a DOT screening test is positive, the Intoxilyzer® 400 can count down the 15-minute observation period before the confirmation test is performed. The Intoxilyzer® 400 appears on the NHTSA Conforming Products List.

The Intoxilyzer® 400 operates in three modes—Screening, Confirmatory or Screening/Confirmatory. Results are automatically printed in the Confirmatory and Screening/Confirmatory modes.

## FEATURES

- Automatic breath sampling system
- Data storage of more than 100 tests
- RS-232 communications port for printing and/or PC downloading of test results
- Visual and audible prompts lead the operator through the testing and calibration modes
- Y2K compliant

**DETECTOR:** Electrochemical fuel cell

**SPECIFICITY:** Fuel cell sensor is unaffected by acetone, paint and glue fumes, foods, confections, methane, and practically any other substance found in the human breath

**INSTRUMENT CONTROL:** By microcontroller

**SAMPLING:** Automatic after the subject blows for 4-6 seconds

**ACCURACY:**  $\pm 0.005$  BrAC up to 0.100 BrAC and  $\pm 5\%$  above 0.100 BrAC, which meets DOT specifications

**RESPONSE TIME:** Within five seconds of sampling, depending on alcohol concentration

**RESET TIME:** Immediate at zero alcohol reading, up to two minutes after a positive breath test

**RF INTERFERENCE:** Instrument is immune to high levels of radio frequency interference

**DISPLAY:** Four-digit LCD

**AUDIBLE INDICATOR:** Beeper signals fault conditions and changes in instrument status

**VISUAL INDICATOR:** Two LED lights indicate status (Wait, Ready, Flow, Analyzing)

**CALIBRATION:** Dry gas or wet bath simulator

## DATA STORAGE

The Intoxilyzer® 400 stores the results of more than 100 tests. This data can be printed or downloaded to a PC for data management and record-keeping through an RS-232 communications port.



## SPECIFICATIONS

**COMMUNICATIONS PORT:** Two-channel, RS-232 serial interface to printer or PC for test data transfer

**MEMORY FUNCTION:** Stores more than 100 test results including date and time. Reprints last breath test even if instrument has been switched off and main power source is removed. Stored tests can be downloaded to the printer or a PC.

**RECOMMENDED OPERATING TEMPERATURE:** 23° to 104°F (-5° to 40°C). The fuel cell is automatically heated at low temperatures.

**DIMENSIONS:** 3¼" wide x 1¼" deep x 6¾" high (sensor)  
(8.3 cm wide x 4.4 cm deep x 17.1 cm high)

**WEIGHT:** One pound (.45 kg)

**POWER SUPPLY:** Five "AA" batteries (included)

**INCLUDED WITH EACH INSTRUMENT:** Printer, carrying bag, 3 rolls of printer paper, printer connector cable, 100 mouthpieces, operator's manual

**OPTIONAL ACCESSORIES:** 400-DH software for downloading of test results to a PC, rechargeable power unit, 12-volt power supply

**WARRANTY:** One year, parts and labor



1-800-835-0690

www.alcoholtest.com