

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

INTOXILYZER[®] 400



CMI 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



SPECIFICATIONS

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: ± 0.05 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

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 1½" deep x 6¼" 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