Intoximeters, Inc.

AlcoMonitor CC®

World Leader in Breath Alcohol Testing for Over Sixty Years

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THE INSTRUMENT
The AlcoMonitor CC is a low cost bench-top Evidential Breath Test instrument. The unit offers automatic sampling, a menu driven test protocol, automatic accuracy checks and calibrations.

UNIQUE FEATURES
The sampling system of the AlcoMonitor CC utilizes an electrochemical fuel cell sensor. This sensor is sensitive to the presence of alcohol and generates a reading proportionate to the amount of alochol present. The AlcoMonitor CC features a large display, uses common straws for mouthpieces and can have its test results downloaded to a centralized data collection point using the optional IntoxNet software.

ANALYTICAL

SENSOR
The electrochemical fuel cell sensor generates an electronic response that is proportional to the Breath Alcohol Concentration in the provided breath sample. The fuel cell sensor is specific for alcohol. It does not respond to acetone or other substances which can be found in human breath.

ACCURACY & PRECISION
US DOT approved for evidential use. Meets or exceeds the federal model specifications for traffic enforcement and Omnibus Breath Alcohol Testing.

RANGE OF SENSOR
The AlcoMonitor CC accurately detects breath alcohol levels up to .400 BrAC, or equivalent.

RESPONSE TIME
The AlcoMonitor CC produces results quickly, 10 seconds on negatives and within 30-45 seconds on positives.

SAMPLE TYPE CAPABILITY
Direct Breath

SAMPLING RATE
The analytical system permits quick results, more positive test per time period with no appreciable loss of sensitivity.

CALIBRATION
Checks and calibration should be performed with either an Intoximeters and National Highway Traffic Safety Administration (NHTSA) approved wet bath simulator or dry gas standard. Fully automatic calibrations are run using a dry gas standard.

SAMPLING ERROR DETECTION
The software monitored diagnostic system requires proper instrument temperature, successful instrument pretest blank and the delivery of a deep lung breath specimen before automatically taking a sample.

MOUTHPIECES
Individually wrapped common 1/4 inch drinking straw

ENVIRONMENTAL
Operates over a wide ambient temperature range

CASE CONSTRUCTION
Aluminum case, aluminum frame

POWER SUPPLY/CAPACITY
110/60 Hz 230/50 Hz, approx. 80 watts

PHYSICAL CHARACTERISTICS
5.5 in x 17.7 in x 16.5 in
14 lbs (6.3 kg)

MEMORY
128 Kbytes (approximately 1,000 tests)

I/O
12 digit numeric keypad
Will interface with most serial printers.
Beeps indicating test stages and warnings
Modem (external, serial)
1 RS-232 serial communication port

INSTRUCTIONAL MATERIAL
Manual

ACCESSORIES/SOFTWARE
IntoxNet software (cable required)

DISPLAY
Sixteen character two-line alpha-numeric backlit liquid crystal display

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