

Intoxilyzer[®] 8000



*All new infrared
spectrometry
mobile, evidential
breath alcohol
instrument*

- Uses both 3
and 9 micron
technology*
- Fully mobile or
stationary use*
- Easy single
button operation*
- Rugged ABS case*

EMI INC.

Intoxilyzer® 8000

THE ALL-NEW INTOXILYZER® 8000 COMES FROM CMI, INC., THE MANUFACTURER OF THE LEGENDARY INTOXILYZER® 5000 SERIES AND ITS TRADITION OF CASE LAW-APPROVED INFRARED SPECTROMETRY ALCOHOL ANALYSIS. THE 8000 TAKES ACCURATE AND RELIABLE MEASUREMENT TO A NEW LEVEL BY USING BOTH 3 AND 9 MICRON TECHNOLOGY...TOGETHER!



The integral keyboard detaches for easy use and test subject data entry.



The rear panel includes three (two visible) RS-232 ports, printer port and an internal modem.

SPECIFICATIONS

- **ANALYTICAL PRINCIPLE:** infrared absorption, at both 3 *and* 9 microns – on every sample
- **RANGE:** 0.000 to 0.600 %BAC [g/210 Liters]; 0.000 to 3.000 mg/liter.
- **DIMENSIONS:** 14.5" long x 10" wide x 8.4" deep.
- **WEIGHT:** 17 lbs [instrument only].
- **CALIBRATION CHECKS:** wet bath simulator or dry gas.
- **BAROMETRIC COMPENSATION:** automatic compensation during dry-gas calibration checks.
- **DISPLAY:** 2 line by 20 character, 8mm character height vacuum fluorescent display.
- **PRINTER OPTIONS:** thermal, impact, external
- **AUDIBLE BEEPER:** gives auxiliary messages: tones are software-variable in frequency and duration.
- **POWER RATINGS:**
 - AC: 90 – 264 VAC, 47 – 63Hz, 1amp max.
 - Vehicle DC: 10 – 16 VDC, 6 amps max.
- **MICROPROCESSOR:** Intel compatible x86 based processor @ 30 MHz with a separate DSP processor for signal conditioning.
- **MEMORY:** 1 Mbyte for data storage [expandable to 4 Mbyte]; 1 Mbyte FLASH/SRAM for code/fast access. Remote program updates.
- **REAL-TIME CLOCK:** accurate to ±10 minutes per year.
- **WARM-UP TIME:** less than 20 minutes at 20°C
- **TEST TIME:** less than 1 minute, excluding data entry.
- **DISPOSABLE MOUTHPIECES:** spit-trap individually wrapped
- **COMMUNICATIONS:** Three RS-232 serial ports, one external printer port, internal modem
- **CE CERTIFICATION:** complies with IEC 1010-1 (1990, 92, 95)
- **OIML:** complies with OIML R 126 [1998 (E)]
- **RFI CERTIFICATION:** to BS EN 50081/2-1 97 & EC 95/54/EEC and FCC Part 15 Class B.
- **VIBRATION AND SHOCK:** to IEC 68-1/2.
- **CASE CONSTRUCTION:** injection molded ABS.
- **SOFTWARE CONFIGURATION:** various software settings may be configured by the instrument *Manager* through the keyboard [via a security password] / through an external PC using COBRA.