

FIELD

Environmental Instruments

Equipment Rental and Field Supplies

THERMO ENVIRONMENTAL INSTRUMENTS

**Model 580B
Organic Vapor Meter Data Logger**

"Your Needs Are Our Business"

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800-393-4009



The portability of our Model 580B allows on-site detection of organic vapors, thereby eliminating the time, error, and cost associated with transporting samples back to the laboratory.

Its microprocessor based design offers customers improved features like maximum signal hold, signal linearization, overrange indicator, and complete flexibility in test parameter programmability.

FEATURES

- User Friendly Operation
- Portable and Rugged
- Advanced Calibration Utilities
- Flexible Data Logging/Retrieval
- Real-Time Data Output
- Superior Detector Performance

SPECIFICATIONS

Technique:	Photoionization Detection of most organic vapors and some inorganic gases are possible
Ranges:	Digital Readout (LCD) – Auto Ranging 0-200 ppm (resolution to 0.1 ppm) 200- 2000 ppm (resolution to 1.0 ppm)
Minimum Detectable:	0.1 ppm benzene in air matrix
Sensitivity:	0.1 ppm benzene on 0-200 ppm scale
System Time Constant:	2.0 sec. at 400 ml/min. sample flow
Sampling Rate:	Nominal Flow 400 ml/min.
Sampling condition:	Changeable ten micron filter on inlet
Battery:	Internally rechargeable (external charger provided with unit)
Service Life:	8 hours per battery charge, operates from charger indefinitely
Charger Requirements:	115/220 VAC, 60/50 Hz, 4 watts max.
Readout:	Two line alphanumeric display with bargraph
Keypad:	7 Touch pads: PWR, MODE, RESET, LIGT, +, -, SPKR
Audible Alarm:	80 db audible alarm mounted on front panel
Case Size:	6.75" x 5.75" x 10.0" (HWD)
Weight:	6.0 lbs
Communication:	RS-232 port

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