

"Your Needs Are Our Business"



Toll-Free
800-393-4009

Foxboro's TVA 1000 is the first truly portable vapor analyzer to incorporate both a flame ionization detector (FID) and a photoionization detector (PID). Able to monitor full range of organic and inorganic vapors, it eliminates the need for two separate instruments. Saves time, trouble, and expense.

Use the TVA 1000 for fugitive emissions monitoring; hazardous waste site surveys; hazmat emergency-response testing; industrial hygiene applications, such as measuring ambient vapor levels or checking plant ventilation systems.

The detector's high sensitivity enables monitoring down to ppb levels and maximum detectable concentration is 50,000ppm. Measurements are indicated on two digital displays: an LCD on the control panel simultaneously indicates readings from both detectors, while the field-sampling display on the probe shows one concentration at a time, switch selectable. The probe's display also features a relative concentration bar graph for identification of site "hot spots". An onboard datalogger-activated at the touch of a button-stores data for later downloading to a PC for STEL, TWA, and min/max reports, among others. Makes generating compliance documentation a much easier task.

The TVA 1000 includes a host of features for convenient, safe operation. A front-panel keypad with menu-driven display allows simple command and data entry, while autoranging assures optimal measurement sensitivity. User-set alarms and instrument self-diagnostics provide critical safeguards. Designed for use in rugged field conditions, unit is housed in a weather tight case meeting NEMA 3 specs. It is FM approved for operation in hazardous areas.

SPECIFICATIONS

	<u>Photoionization</u>	<u>Flame Ionization</u>
Dynamic Range	0 to 2,000ppm	0 to 50,000ppm
Min. Detectable Level	100 ppb benzene	200 ppb hexane
Fuel	None required	99.5% hydrogen
Response Time	2 seconds	
Display	4-digit LCD and digital bargraph	
Sample Flow Rate	1,000 cc/min. (1 LPM)	
Analog Output	0 to 2 VDC	
Repeatability	±1%	
Safety Certification	Class I, Div. 1, Groups A,B,C,D	
Power	Rechargeable Nickel-cadmium battery; 8 hours operating time	
Size/ Weight	8.5" x 8.5" x 6" HWD/12lb	

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