PINE
Partner for Test & Measurement Equipment Services and Data Solutions

# Photo Ionization Detectors (PIDs)
## Air/Gas Monitoring



Thermo Scientific

# FOXBORO TVA1000A PID/FID

Pine Item #51126

## DESCRIPTION:

The TVA-1000 incorporates both a PID and an FID, eliminating the need for two different instruments. It provides fast and accurate readings of organic and inorganic vapors and meets EPA Method 21 specifications for monitoring fugitive emissions.

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.

Data is collected and stored at user programmable intervals and can be downloaded to a PC using software that comes with the rental unit. The TVA-1000 is housed in a NEMA Type 3 enclosure. UHP hydrogen fuel is available for purchase.

## FEATURES:

- Simultaneous photoionization and flame ionization detection
- On-board datalogging
- Intrinsically safe

## APPLICATIONS:

- LDAR-Search and location of flammable gas leaks
- Ideal tool for uses in areas classified as zone zero flammable
- Method 21 Sampling
- Manufacturing plants or factories
- Methane Detection
- Medical and hygiene

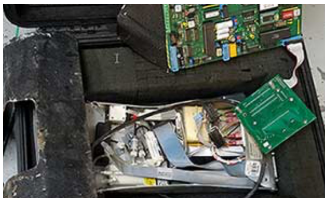
## Product Specifications

| | |
|---|---|
| **Photoionization** | Dynamic Range: 1 to 2000 ppm Minimum Detectable Level: 100 ppb benzene |
| **Flame Ionization** | Dynamic Range: 0 to 50000 ppm Minimum Detectable Level: 300 ppb hexane |
| **Response Time** | 3.5 seconds |
| **Approvals** | Class 1 Division 1 Groups A B C and D |
| **Analog Output** | 0 to 2V DC |
| **Serial Output** | RS-232 port |
| **Power** | Rechargeable Ni-Cd battery 8 hours operation |
| **Dimensions** | US: 10.3 x 13.5\" x 3.2"<br>Metric: 262 x 343 x 81 mm |
| **Weight** | US: 12 lbs<br>Metric: 5.4 kg |


Local Delivery Pick-up

In-Stock Equipment

Repair & Calibration



Rental Protection Plan