



PFAS and Chemical Fast Gas Chromatograph

Model: PFAS-TA-L

Features

- Detects PFAS and other Hydrocarbons – C4 to C25
- AIR OR WATER
- **PFAS-TA-L identifies vapors as low as 1 PPT (parts-per-trillion) in just 5-60 seconds.**
- Benchtop or Portable
- Quantitative
- Qualitative Analysis
- Exceptional Sensitivity
- Analyze Vapors In 5 - 60 Seconds
- Internal Sample Pump
- Data Output - Bluetooth or RS-232 User Settable
- Display on User's Laptop; **Optional:** Laptop
- DC Power With Charger

Applications

The PFAS-TA-L Vapor detector and analyzer is a field ready fully integrated system for air or water. With an internal sampler pump and integrated computer, the **PFAS-TA-L identifies vapors as low as 1 PPT (parts-per-trillion) in just 5-60 seconds. EPA's proposed regulation limit for PFOA and PFOS is 4 ppt.**

The PFAS-TA-L provides immediate measurement of PFOA and PFOS. Typical laboratory analysis is expensive and may take a week or more for results.

Rapid, on-the-spot PFAS contamination testing below the EPA's limit and can be configured for either water or air samples. A proprietary Surface Acoustic Wave (SAW) detector results in a system with previously unattainable sensitivity in a portable low-cost package.

Description

- » Carrier Gas: Helium, Typical 300 tests per day per charge
- » Analysis Time: 5– 60 Seconds
- » Display: Windows any version


Utilizing a trap and helium carrier gas, the PFAS-TA-L injects samples into a heated column and separation takes place. Materials sequentially exit the column and are deposited on the SAW detector. The deposit results in a change in the oscillating frequency of the resonator directly proportional to the mass.



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