



PFAS and Chemical Portable Fast Gas Chromatograph System

Model: PFAS-TA-F

Features

- Detects PFAS and other Hydrocarbons – C4 to C25
- Portable - Field Ready
- Self Contained
 - » Internal Sample Pump
 - » Integrated Computer
- Quantitative
- Qualitative Analysis
- Locking Sensor Position
- Exceptional Sensitivity
- Analyze Vapors in 30 - 60 Seconds
- Data Storage and Archive
- Computer Interface USB Port
- Display on Laptop
- DC Power with Charger

This field model provides immediate measurement of PFOA and PFOS. 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 200 - 300 tests per day/charge
- » Analysis Time: 30 – 60 Seconds
- » Display: Windows any version

Utilizing a trap and helium carrier gas, the PFAS-TA-F 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.

Applications

The PFAS-TA-F 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-F 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.**



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