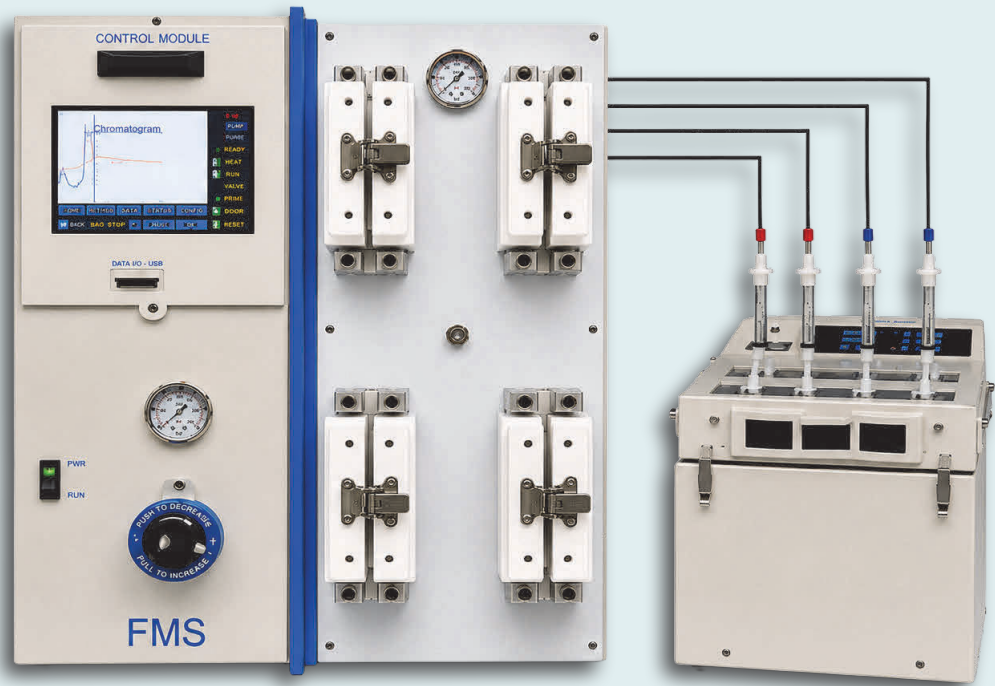


Complete PFAS Sample Preparation

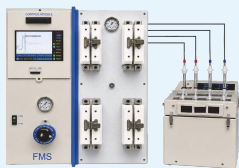
Water • Food • Solids • Packaging

From Sample to Final Reports under Three Hours



FMS PFAS Sample Preparation Solutions

PFAS OnePrep™ For Food & Solid Samples



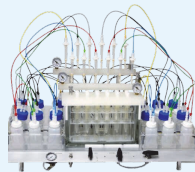
Integrated pressurized extraction, cleanup and concentration in one automated workflow for food, soil and other solid and semi-solid matrices.

TurboTrace® PFC For Water & Wastewater Samples



Automated solid phase extraction system for clean, reliable PFAS analysis of drinking water, surface water, groundwater and wastewater.

EZPFC Semi-Automated Extraction



Versatile semi-automated system for extraction and cleanup of PFAS in a wide range of sample matrices.

SuperVap® PFC Concentration System



Waterless, automated nitrogen and heat evaporation with PFAS free components for high-throughput, reproducible concentration to near dryness.

Consumables PFAS Certified Cartridges



Certified PFAS consumables for guaranteed low background and reliable, reproducible results.



Minimizes Contamination
PFAS-tested components
and clean consumables



Save Time & Labor
Automated workflows
reduce hands-on time



Low Background
Efficient processes minimize
solvent use and waste



Reliable Results
Reproducible, accurate
PFAS analysis

FMS

Complete Sample Preparation Solutions
For Dioxin & PFAS Analysis

www.fms-inc.com
 617-393-2396

PFAS OnePrep™

One Step Extraction, Cleanup, Concentration for Food, Packaging, and Solids

PFAS OnePrep provides a fast, high-throughput, multi-channel integrated workflow for PFAS sample preparation from food, soil, packaging materials, and other solid and semi-solid matrices.

The system combines pressurized heated extraction, matrix cleanup, PFAS purification, and concentration, reducing handling errors, analyte loss, and the potential for PFAS contamination during processing.

Extracts are processed through PFAS-Prep cartridges for matrix-specific cleanup and PFAS purification, followed by automated concentration for downstream LC-MS analysis.



PFAS OnePrep

Features

- ✓ **Fast:** Complete sample preparation in less than 2 hours
- ✓ **Real Time monitoring** pressure and temperature
- ✓ **High Throughput:** Process from 4 to 8 samples simultaneously
- ✓ **Integrated** extraction, cleanup, purification, and concentration
- ✓ **Matrix-specific cleanup** using PFAS-Prep cartridges, wax/Carbon PFAS purification
- ✓ **Direct in line** concentration to final volume
- ✓ **Simple workflow** for food, soil, and packaging materials

Benefits

- ✓ **Complete** Extraction + Cleanup + Purification + Concentration in one system
- ✓ **Significantly** reduces PFAS sample preparation time
- ✓ **Minimizes** manual handling and sample transfers
- ✓ **Reduces** PFAS contamination and analyte loss
- ✓ **Provides** clean, concentrated extracts for LC-MS analysis
- ✓ **Reduces** labor and increases laboratory productivity



Packaging



Wheat



Seafood



Soil



Meat

FMS

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SuperVap[®] PFC Concentration System

Automated, Reliable, and Reproducible PFAS Concentration

The SuperVap[®] PFC automated nitrogen evaporator provides high-throughput, reproducible concentration of PFAS samples to near dryness under a gentle stream of nitrogen and heat. Designed for PFAS analysis, it delivers consistent results with minimal hands-on time.

Key Features

- ✓ Waterless, automated nitrogen evaporation
- ✓ High-throughput - up to 16 samples
- ✓ Gentle, controlled heat with nitrogen blow-down
- ✓ Consistent, reproducible results
- ✓ Designed for PFAS samples and methods
- ✓ Minimal hands-on time
- ✓ PFAS-tested components
- ✓ Eliminates the water bath-reducing potential source of PFAS contamination



PFAS Consumables

PFAS-Prep Matrix Cleanup Cartridges



Removes fats, lipids, matrix interferences from food and solid extracts for cleaner more reliable PFAS analysis

FMS 537.1 Cartridge



Efficient PFAS extraction cartridges for drinking water samples

FMS EPA 533 and EPA 1633



Efficient PFAS extraction and cleanup for wastewater and ground water

Sample Bottle Filters



Sample Bottle Filters to Handle High Particulates Sample Matrices

Cartridge Adapters



Cartridge Adapters PFAS Free
Cartridge Adapters



PFAS Tested and Certified
Verified low background
and reliable results



Clean & Reliable
Minimize contamination
and improve data quality



Save Time
Streamlined workflow with
high-quality consumables



Consistent Performance
Reproducible results for
confidence in your data

FMS

Complete Sample Preparation Solutions
For Dioxin & PFAS Analysis

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TurboTrace[®] PFC

Automated Sample Preparation for PFAS in Water & Wastewater

The TurboTrace[®] PFC is a fully automated solid phase extraction (SPE) system designed for reliable, high-throughput PFAS analysis in drinking water, surface water, groundwater and wastewater. In addition TurboTrace performs sample cleanup for solid extracts.

By automating the entire SPE process- from sample loading to elution- the TurboTrace[®] PFC eliminates manual handling steps that can introduce PFAS contamination and variability.

The TurboTrace uses patent pending Dual pump technology which allows the system to load waste water and industrial water using vacuum pump and all precise solvent delivery using piston pump, this unique technique enable user to perform extraction on industrial and waste water WITHOUT damaging pump, and clogging the system.



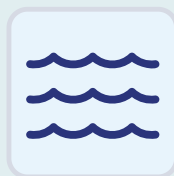
Key Features

- ✓ Automated SPE for PFAS in water and wastewater
- ✓ Automated cleanup for PFAS extraction samples
- ✓ Supports EPA methods 533, 537.1 1633 and others
- ✓ Processes up to 8 samples in parallel
- ✓ Consistent, reproducible results with minimal hands-on time
- ✓ Closed system design minimize contamination risk
- ✓ Uses less solvent compared to manual SPE
- ✓ User-friendly software with pre-programmed methods
- ✓ PFAS-tested components for clean, reliable analysis

Applications



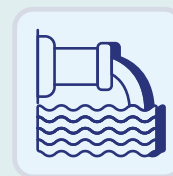
Drinking Water



Surface Water

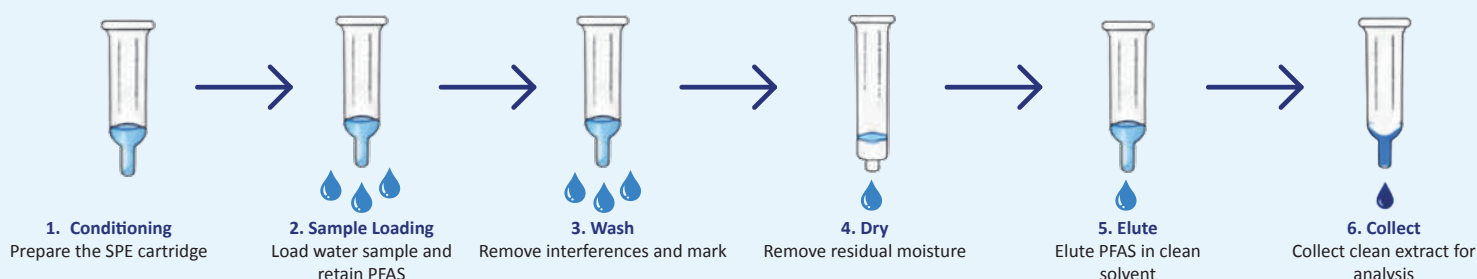


Groundwater



Wastewater

Automated Workflow



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For Dioxin & PFAS Analysis

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