

LabStation

FiltrationStation

Automated Sample Filtration System

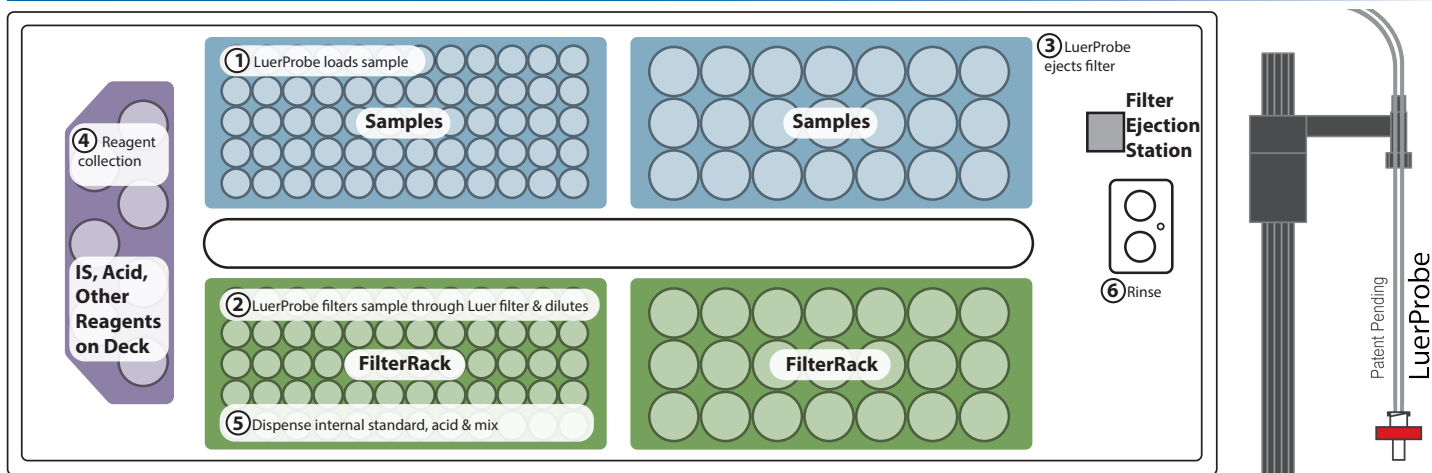
Compact, flexible liquid handling system for automating filtration, dilution, and sample preparation



Features & Benefits

- **Automatic Sample Filtration and Preparation**
 - Automates filtration, dilution, acidification, internal standard addition and mixing
 - Easily adapts with existing lab workflows and Luer filters
- **Intelligent Pressure-Controlled Filtration**
 - Integrates high-pressure syringes with real-time TRAXPressure monitoring
 - Automatically adjusts syringe flow rate based on user-defined pressure thresholds
 - LuerProbe and FilterTrays enables precise, hands-free filtrate delivery
- **Touchscreen Control with LabSymphony Software**
 - Create and edit an unlimited number of preparation methods using the touchscreen
 - Seamless import and export of .csv and .xlsx files to facilitate instrument software setup

Unfiltered Samples Are Made Ready for Analysis



FiltrationStation Features

LabSymphony

- Easy-to-use interface with integrated touchscreen

TRAXPressure

- Continuously monitors filtration pressure
- Reduces flow rate when pressure nears user-defined limits
- Prevents over-pressurization

StationPump

- Post-mounted high-pressure syringe module for easy syringe visibility
- Precise aliquots lower than 10 µL
- Produces consistent filtrate volume

Filter Ejection Station

- Automatically ejects filters after use

Filter Disposal Bin

- Collects used filters from the ejection station

ULPAClean 10 Filter (Optional)

- Removes 99.9995% of airborne particles with size of 0.1 µm or larger

Clean3V Enclosure (Optional)

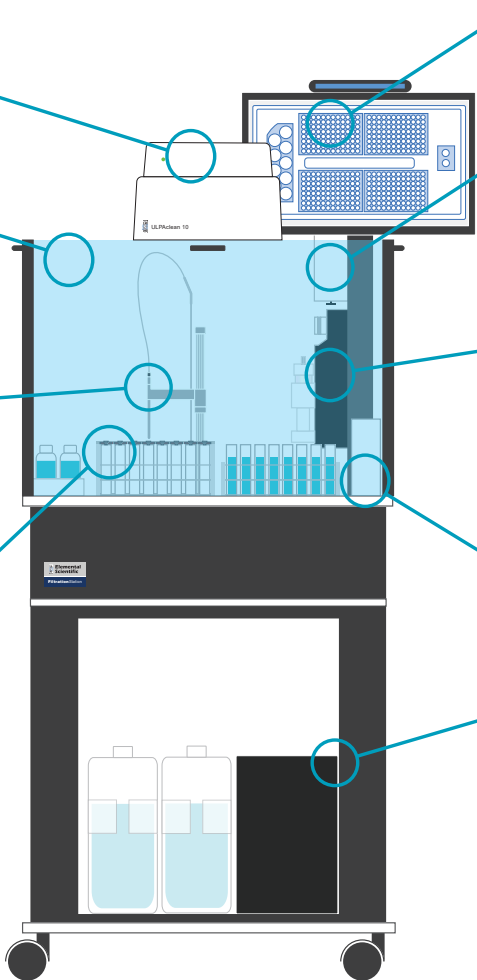
- Clean sample environment
- Protects lab from harmful fumes
- Three vertical sliding doors for easy access

LuerProbe

- Metal-free luer-adapting probe
- Engages with luer filters
- Capable of sampling, filtering, and spiking

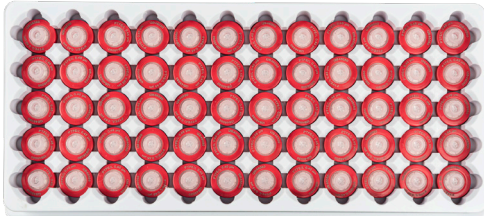
Filter Rack

- Holds Luer filters
- Filtrate is collected in collection vessel held below Luer filter



FT21-25: 21-position filter tray for 25 mm filters

* Compatible with all Luer filters



FT60-13: 60-position filter tray for 13 mm filters

FiltrationStation

FLTR 4DXCi or 2DXCi FiltrationStation

System Dimensions

	Height	Width	Depth
4DXCi	1818 mm (72")	822 mm (32")	445 mm (17")
2DXCi	1818 mm (72")	593 mm (23")	394 mm (16")



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Tel: 1-402-991-7800 | sales@icpms.com | www.icpms.com