

FluoroWand

Automated Cover Removal & Replacement



For prepFAST S
and prepFAST SE

Includes
Patented
**Fluoronic
Technology**
from ESI

The next generation of high-purity automation and productivity

FluoroWand is an option for the prepFAST S and prepFAST SE ultrapure chemical sampling systems which permits racked sample containers to remain individually covered, except at the moment when the sample is being taken up for analysis. FluoroWand preserves sample integrity for demanding ICPMS analyses of small volume or chemically reactive samples where high precision and ultralow detection limits are required.

FluoroWand is the only automated cover removal/replacement technology available for ultra-trace ICPMS analysis.

The FluoroWand

- Automatically removes and replaces PFA covers
 - Removes individual cover just before taking up the sample
 - Replaces the cover immediately after sampling is completed
- Reduces the risk of environmental contamination
- Prevents micro samples from evaporating while awaiting analysis
- Prevents vapor-phase reactions between samples while awaiting analysis
 - e.g. HF and NH₄OH
- Improves safety
 - Reduces chemical vapors in the laboratory



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FluoroWand is recommended for:

- Microsample applications – such as samples for isotopic analysis
- Microvolume scan solution samples for semiconductor wafer analysis
- Semiconductor-grade chemicals
- Chemicals sensitive to air
- Volatile solvents
- Chemicals producing reactive vapors while awaiting analysis
- Any application where sample integrity can be compromised while awaiting analysis

FluoroWand Option on the prepFAST SE

AutoAlign Arm

- Self-realigns after encountering capped sample tube
- Metal-free fluoropolymer probe aligner

Fluoronetic Z-rail

- True fluoropolymer mechanical action
- Magnetically coupled linear drive
- Long-lived; chemically resistant

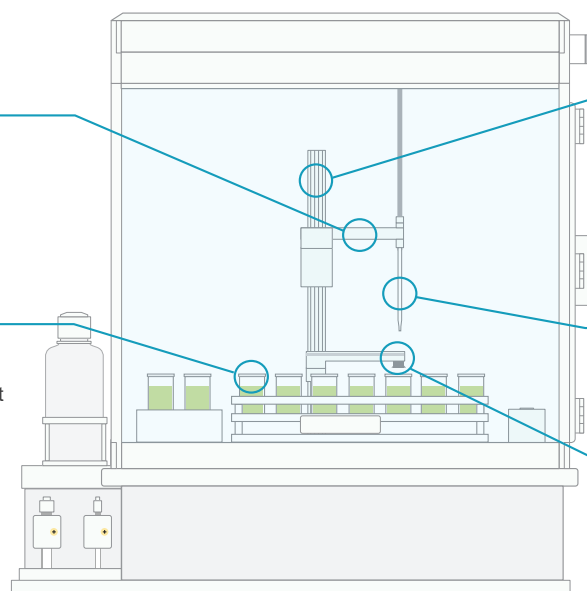
FluoroWand Racks

- Custom racks for FluoroWand compatible vials, bottles and jars
- Elevated to locate vessel tops at consistent height for FluoroWand operation

FluoroProbe

FluoroWand Arm

- Removes and replaces sample covers with a vacuum suction cup
- Minimizes risk of contamination
- Prevents sample evaporation and gas phase reactions of samples



FluoroWand

the **Only Option**

that

Automatically Removes & Replaces Covers



**See it in
Action!**

[http://www.icpms.com/
FluoroWand.mp4](http://www.icpms.com/FluoroWand.mp4)



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