

FluoroWand

Automated Vial Capping System
for prepFAST S and prepFAST SE

Accessory Vials and Racks Catalog

Introduction

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.



How it Works

FluoroWand automatically removes the PFA cover from each sample just before the autosampler probe takes up the sample and it replaces the cover back onto the vial right after sampling is completed. FluoroWand reduces the risk of environmental contamination, prevents micro samples from evaporating while awaiting analysis, prevents vapor-phase reactions between samples (e.g. HF and NH₄OH) while awaiting analysis, and improves safety by reducing chemical vapors in the laboratory.

FluoroWand is the only automated cover remover for sample containers. FluoroWand is recommended for:

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

FluoroWand is available on ESI's prepFAST S/SE ultrapure chemicals sampling systems.

Protect Your Samples

- Screw Caps tighten securely around the sample vessel to transport samples.
- FluoroWand Covers fit underneath screw caps and protect samples from contamination until the FluoroWand arm lifts the cover for sample analysis and replaces the cover before moving on to the next sample.



FluoroWand Sample Containers

Vials, Bottles & Covers	P/N	
1 mL PFA Vial (12 mm OD), 26.5 mm Height <ul style="list-style-type: none"> • PFA FluoroWand Cover for 1 mL PFA Vial 	PFAV-1 FWL-12	
5 mL PFA Vial (22 mm OD), 28 mm Height <ul style="list-style-type: none"> • PFA FluoroWand Cover for 5 mL PFA Vial • PFA Screw Cap for 5 mL PFA Vial 	PFAV-5 FWL-22 PFA-K22	
15 mL PFA Vial (30 mm OD), 42 mm Height <ul style="list-style-type: none"> • PFA FluoroWand Cover for 15 mL PFA Vial • PFA Screw Cap for 15 mL PFA Vial 	PFAV-15 FWL-29 PFA-K29	
20 mL PFA Bottle (28 mm OD), 60 mm Height <ul style="list-style-type: none"> • PFA FluoroWand Cover for 20 mL PFA Bottle • PFA Screw Cap Included 	PFAB-20 FWL-19	
30 mL PFA Vial (30 mm OD), 65 mm Height <ul style="list-style-type: none"> • PFA FluoroWand Cover for 30 mL PFA Vial • PFA Screw Cap for 30 mL PFA Vial 	PFAV-30 FWL-29 PFA-K29	
50 mL PFA Bottle (28 mm OD), 49 mm Base, 70 mm Height <ul style="list-style-type: none"> • PFA FluoroWand Cover for 50 mL PFA Bottle • PFA Screw Cap Included 	PFAB-50 FWL-19	
100 mL PFA Jar (50 mm OD), 70 mm Height <ul style="list-style-type: none"> • PFA FluoroWand Cover for 100 mL PFA Jar • PFA Screw Cap for 100 mL Jar 	PFAJ-100 FWL-50 PFA-K50	

FluoroWand Sample Racks

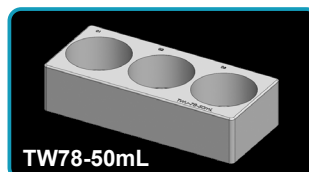
Racks for prepFAST SE & S

P/N

3-Position Micro Racks

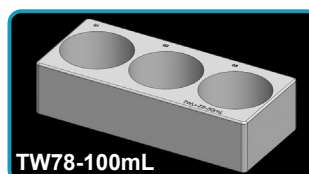
78 mm height, MR PP
Fits PFAB-50 Bottles

TWu-78-50mL



78 mm height, MR PP
Fits PFAJ-100 Jars

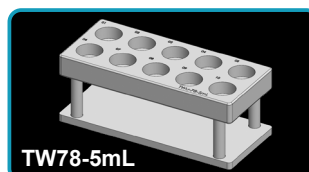
TWu-78-100mL



10-Position Micro Racks

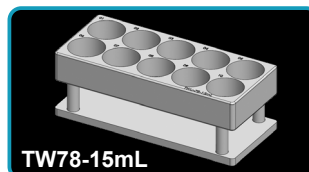
(2x5) 78 mm height, MR PP
Fits PFAV-5 Vials

TWu-78-5mL



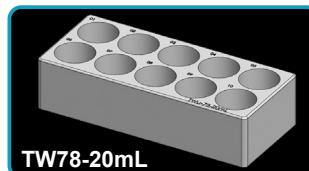
(2x5) 78 mm height, MR PP
Fits PFAV-15 Vials

TWu-78-15mL



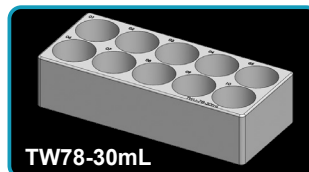
(2x5) 78 mm height, MR PP
Fits PFAB-20 Bottles

TWu-78-20mL



(2x5) 78 mm height, MR PP
Fits PFAV-30 Vials

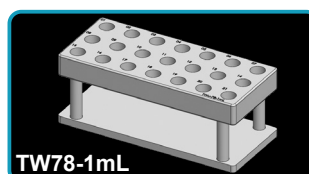
TWu-78-30mL



21-Position Micro Rack

(3x7) 78 mm height, LR PP
Fits PFAV-1 Vials

TWu-78-1mL



7-Position Micro Standards Rack (SE)

78 mm height, ST PP
Fits PFAJ-100 Jars

TWuST78-100mL



Racks for prepFAST S

P/N

5-Position Elevated Rack

78 mm height, LR PP
Fits PFAJ-100 Jars

TW78-100mL



8-Position Elevated Rack

(2x4) 78 mm height, LR PP
Fits PFAB-50 Bottles

TW78-50mL



21-Position Elevated Rack

(3x7) 78 mm height, LR PP
Fits PFAV-5 Vials

TW78-5mL



(3x7) 78 mm height, LR PP
Fits PFAV-15 Vials

TW78-15mL



(3x7) 78 mm height, LR PP
Fits PFAB-20 Bottles

TW78-20mL



(3x7) 78 mm height, LR PP
Fits PFAV-30 Vials

TW78-30mL



60-Position Elevated Rack

(5x12) 78 mm height, LR PP
Fits PFAV-1 Vials

TW78-1mL



7-Position Elevated Standards Rack

78 mm height, ST PP
Fits PFAJ-100 Jars

TWST78-100mL





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