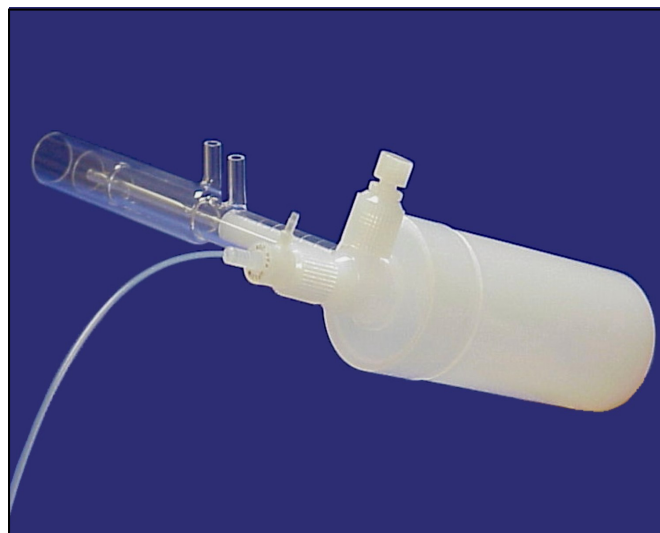


PFA High Purity Sample Introduction System for Finnigan Element ICP-MS

Inert sample introduction technology for improved background and detection limits

An easy to install, inert, high purity, o-ring free upgrade kit which includes two PFA MicroFlow nebulizers, PureCap endcap, 47mm PureChamber PFA spray chamber, adapter, o-ring free injector and precision quartz torch. A reliable ultra pure analysis technology to complement Finnigan ICP-MS systems



ES-2180-1471 Finnigan *ELEMENT* PFA high purity sample introduction system

- Easy installation on all Finnigan ICP-MS systems.
- Clean Teflon[®] PFA components for lower background equivalent concentration (BEC) and detection limits.
- O-ring free connections —ensures lowest BEC's, highest chemical resistance and easy cleaning.
- Chemically resistance—suitable for nearly all samples, including strong acids, alkalis and organic solvents.
- Sapphire or platinum injector.
- Two self-aspirated or pumped PFA nebulizers included.
- Low sample consumption—ideal for VPD and preconcentrated samples

Elemental Scientific Inc.
2440 Cuming St.
Omaha, NE 68131 USA
www.elementalscientific.com

Phone: 402.991.7800
Fax: 402.991.7799
Email: esi@icpms.com



Ordering Information

The ESI upgrade kit directly adapts to the Finnigan sample introduction area. Three main configurations are available to meet the needs of most ICP-MS applications.

Sapphire Upgrade Kit—Includes a sapphire injector, ideal for high purity and low background applications

ES-2180-147i-xx where i = 0 for 1mm sapphire injector,
 i = 1 for 1.8mm sapphire injector

Platinum Upgrade Kit—Includes a tapered 2mm Pt injector, improved performance for sub to low ppt determination

ES-2181-1471-xx

Organics Upgrade Kit—Includes a 1mm organic sapphire injector and two PFA-20 nebulizers, ideal for direct analysis of volatile and non volatile organic solvents

ES-2185-1476-10

xx = nebulizer option

xx = 10	PFA-20	PFA-20	xx = 17	PFA-50	PFA-400
xx = 11	PFA-20	PFA-50	xx = 18	PFA-50	PFA-ST
xx = 12	PFA-20	PFA-100	xx = 19	PFA-100	PFA-100
xx = 13	PFA-20	PFA-400	xx = 20	PFA-100	PFA-400
xx = 14	PFA-20	PFA-ST	xx = 21	PFA-100	PFA-ST
xx = 15	PFA-50	PFA-50	xx = 22	PFA-400	PFA-400
xx = 16	PFA-50	PFA-100	xx = 23	PFA-400	PFA-ST
			xx = 24	PFA-ST	PFA-ST

All Agilent kits also include:

- 2 PFA self-aspirating MicroFlow Nebulizers
- 1 PFA o-ring free PureCap endcap
- 1 PFA PureChamber spray chamber
- 1 Precision Quartz torch
- 1 HF resistant injector
- All gas lines and connectors

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