

PFA Upgrade for the CETAC MCN-6000 & Aridus

Sample introduction technology for improved MCN-6000 & Aridus stability

The PFA upgrade improves the performance of the MCN-6000 & Aridus by allowing the use of ESI PFA MicroFlow nebulizers which allow the spray chamber temperature to be increased to temperatures $> 100^{\circ}\text{C}$. This improves the vaporization capability of the chamber improving performance.

The Teflon PFA spray chamber and endcap directly adapts the MicroFlow PFA nebulizer to the MCN-6000 for reliable ultra-trace elemental and isotopic ICP-MS analyses using the low-flow membrane desolvation technique.

- Clean o-ring free Teflon® PFA nebulizer and spray chamber.
- PFA-MicroFlow nebulizer resistant to clogging, reliably self aspirated.
- Heated PFA spray chamber remains dry to improve long term stability.
- Eliminates droplets and spiking.
- Designed to directly replace the standard spray chamber and nebulizer.
- Chemically resistant, ideal for nearly all samples, including strong acids, alkalis and organics.
- Reliable sample introduction for the MCN-6000 & Aridus.



**Teflon PFA Nebulizer and
Spray Chamber for the
MCN-6000 & Aridus**

MCN-6000 & Aridus Upgrade Kit Includes:

- PFA-20 self-aspirating PFA MicroFlow nebulizer (Optional)
- PFA-50 self-aspirating PFA MicroFlow nebulizer (Optional)
- PFA-100 self-aspirating PFA MicroFlow nebulizer
- PFA Spray Chamber
- PFA Endcap
- Cover
- Gas lines/connectors for interfacing the nebulizers to all ICP-MS instruments.

Ordering Information

- ES-2150-0001 with one PFA MicroFlow nebulizer
- ES-2150-0002 with two PFA MicroFlow nebulizers
- ES-2150-0003 with three PFA MicroFlow nebulizers