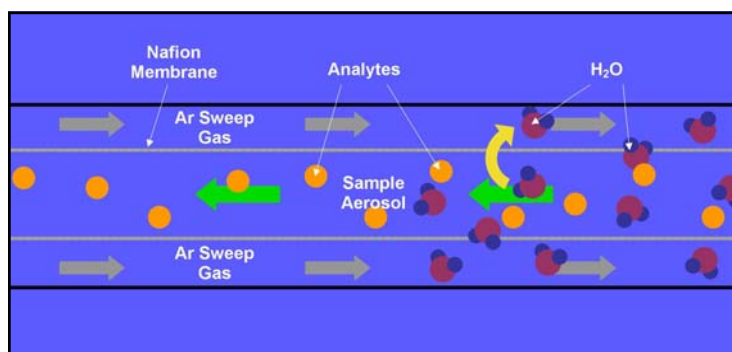


# ACM module

## Actively Cooled Membrane Desolvation for Apex Inlet System

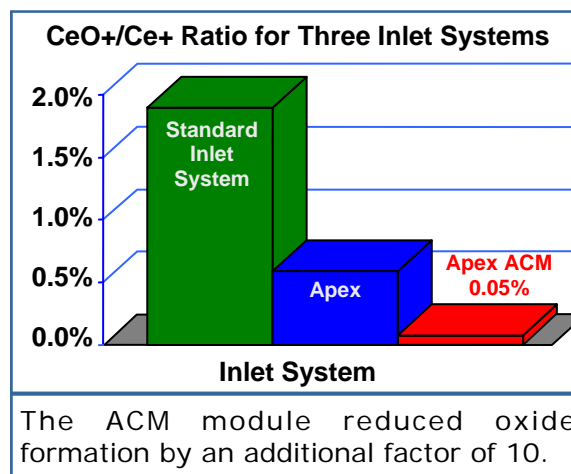
- ▲ Microporous Nafion<sup>®</sup> fluoropolymer
  - Removes water without loss of analytes
  - Chemical resistance similar to Teflon<sup>®</sup>
- ▲ Improved Desolvation Efficiency
- ▲ Attaches directly to any Apex
- ▲ Reduces oxides and other interferences
- ▲ Reduces Cerium Oxide / Cerium Ratio <0.05%



Nafion and Teflon are registered trademarks of DuPont.

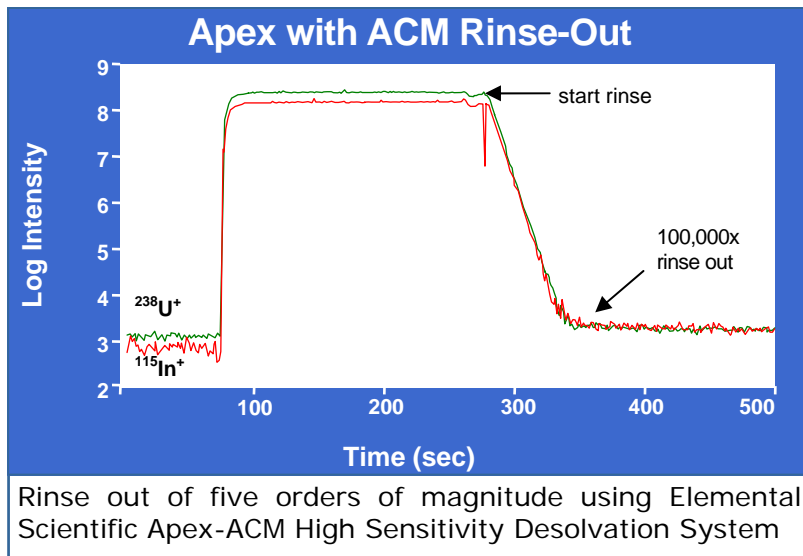
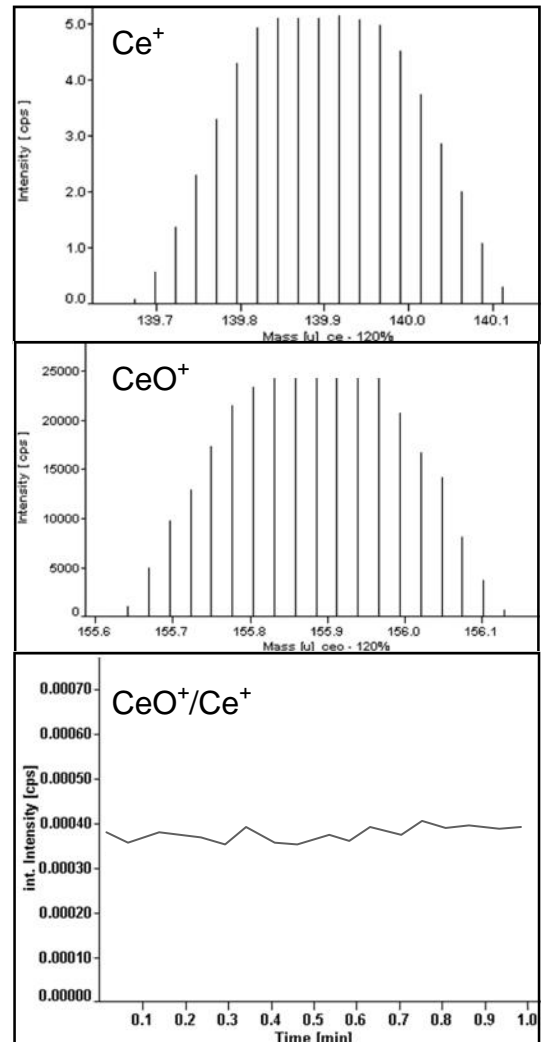


ACM Peltier cooled Nafion<sup>®</sup> membrane desolvation module for Apex inlet system



## Apex and ACM aerosol desolvation system for ICP systems

- ▲ Apex can be used with or without the ACM Nafion<sup>®</sup> membrane.
- ▲ Microporous Nafion<sup>®</sup> membrane
  - Easier to optimize than macroporous membranes
  - Sweep gas does not enter sample aerosol stream
  - Resistant to clogging by organic compounds or salts
- ▲ Fast rinse-out



Reduced oxide formation using ACM Microporous Membrane Desolvator with Finnigan Element 2 ICPMS. Membrane temperature = -5°C