

## Glovebox Nuclearization of PerkinElmer ICP and ICPMS

- Safe analysis of radioactive samples
- Highly customizable for unique operational needs
- Predesigned configurations to minimize engineering time
- Spectrometer and electronics outside glovebox for serviceability
  - Glovebox contains sample area, ICP interface and exhaust
- Integrated to NexION ICPMS or Avio ICP



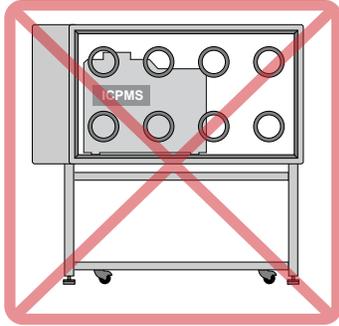
**Perfect for automated liquid sample handling  
or laser ablation solid sampling**

# Serviceability

## Other Design

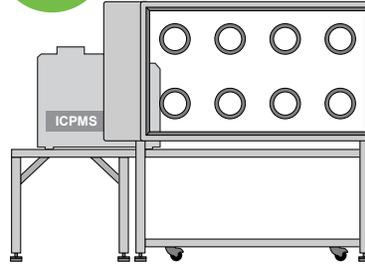
— ICPMS completely inside glovebox

- ICPMS unserviceable
- Exposed to radioactive samples
- Entire ICPMS considered radioactive waste



## Nuclear Adapt Design

— Spectrometer outside glovebox

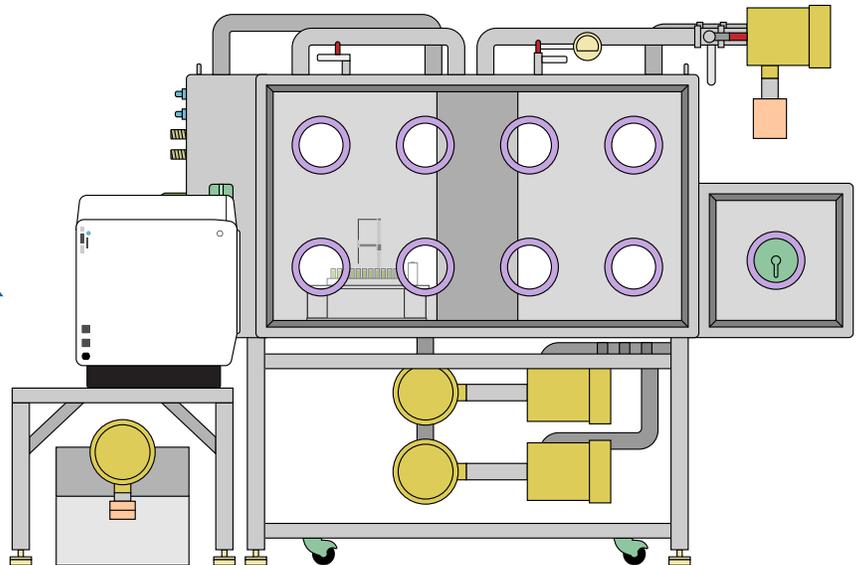


- Highly serviceable
- Spectrometer and electronics outside glovebox
- Sample area, torch, interface, and exhaust protected by glovebox

# System Diagrams

Contact Nuclear Adapt for more information on a ready-designed option for nuclearizing a PerkinElmer NexION ICPMS or Avio ICP

Containment Vessel with NexION 5000



Containment Vessel with Avio 500

