

SC Prime Compact Autosampler

The new ESI SC-Prime autosampler is a small, cost effective autosampler for ICPMS/ICPOES, designed for laboratories with limited space or that analyze a small number of samples per day.

Compact

- Small footprint saves valuable bench space
- Easily positioned close to the instrument shortening sample path to save sample and time

Flexible

- Multiple rack options ranging from micro samples (less than 1mL) to bottles (500mL) to be analyzed in a single run
- Programmable probe retraction speed allows the autosampler to be tuned for each application

Robust

- Teflon coated Z-axis rail and separated sealed electronics module protects against harsh chemical environments
- Simple mechanical design provides low maintenance

Clean

- No metal or mechanical parts move over the sample vials
- PTFE top for chemically resistant sample tray
- All fluoropolymer sample flow path ensures both acid and solvent resistance.



Multiple Rack Configurations:



Options:

- Dual flowing rinse
- Racks to hold a variety of sample containers, from 1mL to 500mL
- Wider radius option for greater capacity
- Integrated ELAN version



SC Prime with shelf to integrate directly to the PerkinElmer ELAN DRC ICPMS

Specifications:	
Communication Interface	RS-232 with USB and IEEE-488 options. 3 External Switches In/Out 3 Drive Switches In/Out
Power Requirements	100-240 VAC \pm 10%, 50-60 Hz
Software Requirements	Disk Space 280MB; Memory 512MB RAM; Windows XP, Windows XP Pro, Windows 2000, Windows NT
Basic configuration	6 x 4mL vials + 3 x 25mL bottles + 2 500mL bottles
Number of Racks	Up to four (4) wedge racks 24x 4mL vials OR 12x 25mL bottles OR 8x 125ml bottles
Dimensions	Base - 7cm x 17cm (2.75" x 6.75") Height - 33cm (13") Sample Tray diameter - 20.3cm (8")
Weight	