

## 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 1 mL) to bottles (500 mL) 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



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

## Options:

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



Multiple rack configurations for specific vials are available.

Specifications:	
<b>Communication Interface</b>	RS-232 with USB and IEEE-488 options. 3 External Switches In/Out 3 Drive Switches In/Out
<b>Power Requirements</b>	100-240 VAC ± 10%, 50-60 Hz
<b>Software Requirements</b>	Disk Space 280MB; Memory 512MB RAM; Windows XP, Windows XP Pro, Windows 2000, Windows NT
<b>Basic Configuration</b>	6 x 4 mL vials + 3 x 25 mL bottles + 2500 mL bottles
<b>Number of Racks</b>	Up to four (4) wedge racks 24 x 4 mL vials OR 12 x 25 mL bottles OR 8 x 125 mL bottles
<b>Dimensions</b>	Base: 7 cm x 17 cm (2.75" x 6.75") Height: 33 cm (13") Sample Tray diameter: 20.3 cm (8")