

# SC-Prime

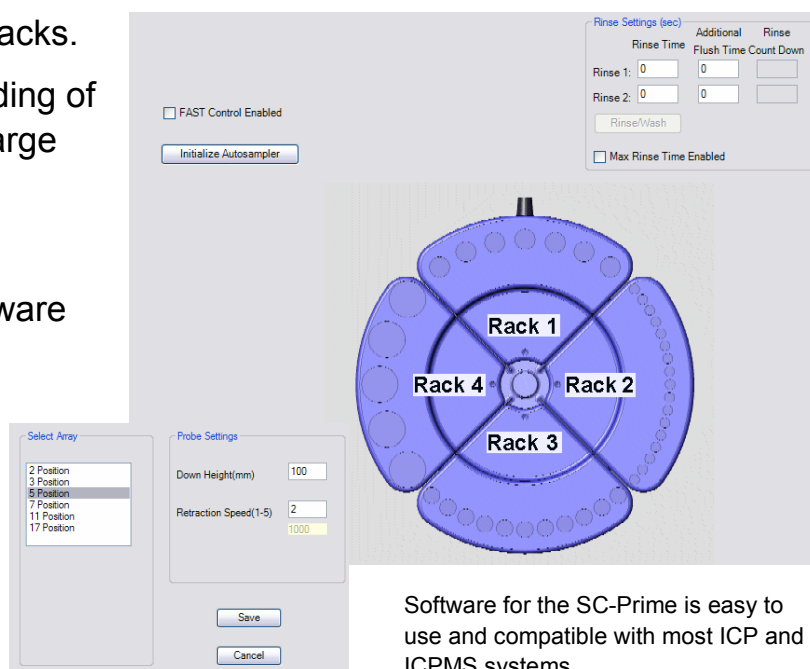
## Small Rotary Autosampler

The SC-Prime is a small rotary micro-autosampler designed for laboratories with limited space or that analyze a small number of a wide variety of sample types.

- Small size (7cm x 17cm)
- Rigid probe, accurately enters small vials without the need for a probe guide.
- No mechanical / metal parts move over the samples.
- Short sample capillary, improving uptake and wash-out.
- Holds up to 4 wedge shaped racks.
- Capacity for simultaneous loading of both small (200 $\mu$ L) vials and large (250mL) bottles.
- Dual flowing rinse option.
- Powerful, but easy to use software control.
- Separate power/communications module.
- Maximum sample capacity, 52 samples with short arm, 68 samples with long arm.



The SC-Prime, is a compact, flexible autosampler for labs with low sample throughput, but a wide variety of sample types.



Software for the SC-Prime is easy to use and compatible with most ICP and ICPMS systems



## Specifications:

<b>Communication Interface</b>	RS-232 with USB option 3 External Switches In/Out 3 Drive Switches In/Out
<b>Power Requirements</b>	110-240 VAC $\pm$ 10%, 50-60 Hz
<b>Rinse Positions</b>	2 flowing (optional)
<b>Rack Positions</b>	2 x 50mm; 3 x 28mm; 5 x 28mm; 7 x 16mm; 11 x 13mm; 13 x 8mm; 17 x 8mm
<b>Number of Racks</b>	Up to 4 wedge racks to hold a wide variety of sample containers
<b>Dimensions (h x w x d)</b>	43cm (18") x 17cm (7") x 7cm (3")
<b>SC-Prime Part Number</b>	SC-8105

## Multiple Rack / Vial Configurations:



2 pos. rack for  
125mL PFA Bottles



5 pos. rack for  
25mL PFA Bottles



7 pos. rack for  
sample tubes



17 pos. rack for  
micro-centrifuge  
vials



3 pos. rack for  
25mL PFA Bottles



7 pos. rack for  
GFAA style vials



11 pos. rack for  
sample tubes

## Options Available:

**SC-FAST:** Flow injection valve system for increasing throughput, integrating chromatography systems and reducing salt loading of ICP-MS cones (SC-0500-05)

**Enclosure:** Protective cover protecting samples from airborne contaminations (SC-1407) with ULPA filter (SC-1507-1000)

**PFA Rinse System:** Pressurized rinse delivery system, giving the lowest possible rinse contamination (SC-0304-05)

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