

SC-4

ultraclean intelligent autosampler

Compact

- Small footprint saves valuable bench space while allowing up to 576 x4mL samples and 10 standards
- Easily positioned close to the instrument to minimize sample path to save time

Clean

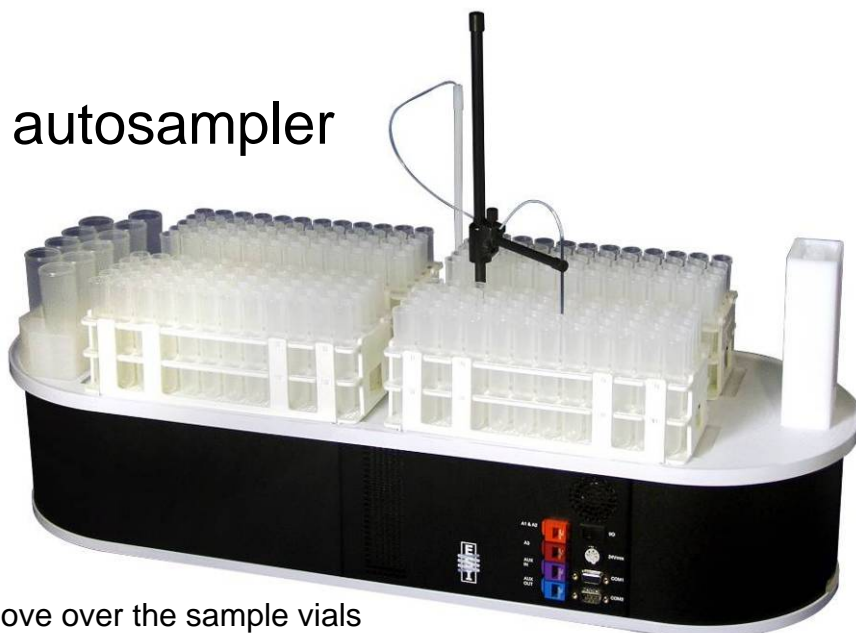
- No metal or mechanical parts move over the sample vials
- All fluoropolymer sample flow path ensures both acid and solvent resistant
- Dual Flowing rinse station and guide-free sample probe reduce blank contamination and sample carry over

Robust

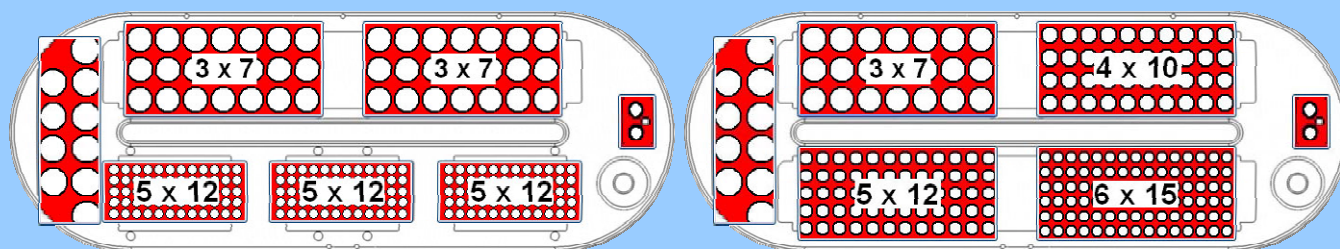
- Teflon coated X & Z axis and sealed electronics protect against harsh chemical environments.
- Simple mechanical design

Flexible

- Multiple rack options ranging from micro samples (less than 1mL) to bottles (250mL) to be analyzed in a single run
- User defined speed controls allowing the autosampler to be tuned for each application
- A wide variety of probe designs and custom racks available



Flexible Rack Configurations:



Options



FAST- Sample injection system: Increase sample throughput up to 5 times.

Rinse pump:

1. Teflon Diaphragm pump
2. Pressurized/Gravity with polypropylene bottles or all PFA rinse path for ultra clean applications (includes PFA bottles)
3. Peristaltic pump

Clean Enclosure: Protects samples, equipment and personnel. Available with or without ULPA filtration

Stand: Positions the SC-4 close to the instrument, saving space and minimizing sample line length while giving additional storage

Available Sample Racks:



◀ **Large racks**

Available in 21, 40, 60, and 90 positions



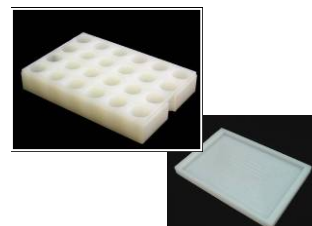
Microtiter plates ▶

Available in 24, 48, and 96 positions



◀ **ESI Micro racks**

Available in 21, 40, and 90 positions



GeMeTec VPD rack and adapter plate ▶

24 position rack, up to 6 racks fit the SC-4

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 ± 10%, 50-60 Hz
Standard Positions	10
Rinse Positions	2
Speed (Sample to Rinse)	~3s
Number of Racks	Up to four conventional racks; up to six microtiter plates; custom racks are also available to hold a wide variety of sample containers.
Dimensions (l x w x h)	48cm (19") x 76cm (30") x 28cm (11")
Weight	11.8kg (26 lbs.)

