

SC-2 Ultraclean Intelligent Autosampler

Key Benefits:

- Flexible rack configurations allow for large and/or small sample volumes to be analyzed in a single run
- Ultraclean dual flowing rinse stations
- Very low cross contamination (no probe guide required)
- Full control of probe speed
- Small Footprint
- Optional Enclosure allows rapid access to samples at all times



SC-2 Autosampler with 4 microtitre plates

Rapid, Accurate & Clean

- The Linear/Polar motion of the sampling arm allows for simultaneous movement in the X-Y coordinates providing rapid sample access.
- Auto zero feature after each sample ensures no missed vials.
- Ultraclean dual flowing rinse station eliminates peristaltic pump contamination.
- Contamination from external sources controlled with the optional enclosure.
- Elimination of the probe guide solves a major cause of cross contamination.

Inert, Flexible & User Friendly

- All fluoropolymer sample flow path ensures both acid and solvent resistance.
- All electrical components are separately contained to prevent attack from acid vapors and spills.
- No metal or mechanical parts move over the samples vials.
- Simple user set-up.
- Multiple rack sizes can be utilized, giving the flexibility to run with different sample volumes to maximize sample



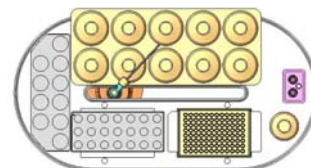
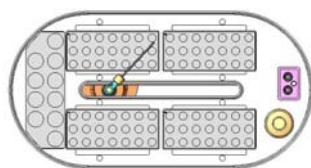
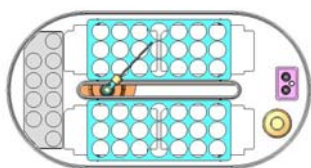
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Specifications:

Communications:	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%, 47-63 Hz
Physical Properties:	Height: 48cm (19") Width: 55cm (22") Depth: 28cm (11") Weight: 6.8Kg (15lbs)
Standard Positions:	10
Rinse Positions:	2
Speed (Sample to Rinse):	~3s

Multiple Rack Configurations



Options:

Dual Rinse Station :

- Peristaltic Pump under the SC-2 control allowing for Optimum Rinsing
- Pressurized Cleaning System, giving the lowest possible Rinse Contamination
- PFA rinse station for low backgrounds

Rack Type:

- Industry Standard Racks
- ESI Standard Racks
- ESI Small Racks
- Micro Titer Plates
- Super Trays (Bottles)

SC-FAST Rapid Analysis System

- Increase sample throughput 2—3 fold

Clean Enclosure :

P/N ES-8199-1207



SC-2 Autosampler with open clean enclosure

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