# The New SC-E2 DXS Fully-Integrated Autosampler for the ELEMENT 2 ICPMS

The SC-E2 DXS system is a durable, fully-integrated automated sampling system for the ELEMENT 2. The SC-E2 DXS now includes the C6 carriage which employs a ridged rail and Reset Probe that ensures quick and precise movements to streamline any procedure.

With fully-integrated controls, the SC-E2 DXS can be customized for advanced sample introduction applications such as sea*FAST* and micro*FAST*. The tray provides space for sample introduction accessories like the Apex, as well as room for sample staging.

The SC-E4 DXS is available with an integrated *FAST* system for high throughput applications.

### **FEATURES AND BENEFITS:**

**Fully Integrated -** With the modular design, all hardware—such as peripumps, *FAST* valves, and rinse pumps—are connected to and controlled through a single unit.

**Built to Last -** A new epoxy powder-coated steel structure plate improves weight-bearing capabilities.

**Compact** - Directly replaces the standard ELEMENT 2 tray while allowing a capacity of up to 384 samples plus 12 standards.

**Highest Accuracy -** The new C6 carriage, with a ridged column that facilitates precise movement, is standard on all DXS units.

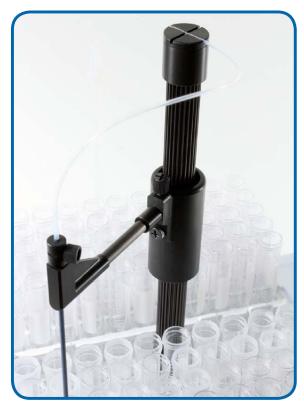
Precise Calibration - With ESI SCv3 software, calibration values are programmed before shipping, removing any chance of calibration error to ensure no samples are missed.

Flexible Hardware - The DXS can accommodate a range of hardware configurations:

- 3 FAST valves
- 4 vacuum pumps
- 2 rinse stations
- 2 MP2 micro peristaltic pumps



SC-E2 DXS integrated on the Thermo ELEMENT 2 ICPMS with integrated MP<sup>2</sup> micro peristaltic pump



C6 Carriage with 360 Cap, an easy-to-use spin cap design that shortens the length of capillary needed.

# **Elemental Scientific**

#### **Flexible**

- Flexible rack combinations of up to 2 large racks, 4 micro racks or 4 microtiter plates

- A wide variety of probe designs and custom racks available

## **SC-E2 DXS Configurations**

- Autosampler only
- Autosampler with FAST
- seaFAST
- chrom*FAST*
- microFAST
- TRU*FAST*



	SC-E2 DXS RACK AND VIAL CONFIGURATIONS			
	Part Number	Sample Vials	Volume	Capacity
Microtiter Plates	MT-24-10ML-02		10 mL	96
	MT-48-5ML-02		5 mL	192
	MT-96-2ML-02		2 mL	384
Large Racks	LR-21-30	V-29-60-X	60 mL	42
	LR-40-20	V-20-0290	20 mL	80
	LR-60-16	V-16-0225, V-16-0200R-M, PFA-T16	15mL, 13 mL, 12 mL	120
Large Coated Metal Racks	LRM-21-30-R	V-29-60-X	60 mL	42
	LRM-60-16-R	V-16-0225, V-16-0200R-M, PFA-T16	15mL, 13 mL, 12 mL	120
	LRM-90-13-R	V-13-0500-R-D, V-13-0200-R-D	8 mL, 12 mL	180
Heated Large Racks	HR-21-30	V-29-60-X	60 mL	42
	HR-40-20	V-20-0290	20 mL	80
	HR-60-16	V-16-0225, V-16-0200R-M, PFA-T16	15mL, 13 mL, 12 mL	120
Standards Racks	ST10-28	V-28-0360-V, V-28-0260	20 mL, 50 mL	10
	ST10-28-CP	V-28-0360-V, V-28-0260	20 mL, 50 mL	10
Sta	ST12-14	V-14-0311CG-X, V-14-0312CG-X, V-14-0314CG-X	1 mL, 2 mL, 4 mL	12
Micro Racks	MR-21-14	V-14-0311CG-X, V-14-0312CG-X, V-14-0314CG-X	1 mL, 2 mL, 4 mL	84
	MR-40-14	V-14-0311CG-X, V-14-0312CG-X, V-14-0314CG-X	1 mL, 2 mL, 4 mL	160
	MR-60-08	V-8-0505	0.5 mL	240
	MR-90-06	V-6-0502	0.2 mL	360

Other rack and vial combinations are available.

