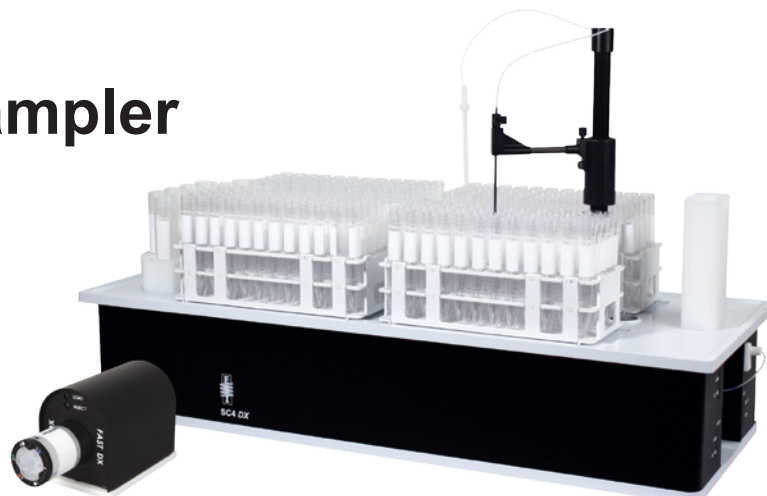


# SC-4 DX FAST Autosampler

ESI introduces the SC-DX system, a durable, streamlined, integrated automation system with fully expandable hardware and software supporting inorganic and organic applications.

The SC-DX system configurations range from a basic high-performance autosampler to a complete, easy-to-use, on-line sample preparation system.

The SC-DX is a cost-effective way to make difficult analytical problems routine and routine applications more productive.



SC-4 DX FAST Autosampler  
with Dual Flowing Rinse

## Benefits

- **Durable** – Long life components for enhanced chemical resistance
- **Productive** – Improves speed and data quality
- **Flexible Software Interface**
- **Streamlined**
- **Compact**

## Dimensions and Weight

- Height: 477 mm (18.8")
- Width: 770 mm (31")
- Depth: 295 mm (11.5")
- Weight: 15.1 kg (33.25 lbs.)

## Power Requirements

- 24 V DC switching power supply, 6 A (included)
- Input power: 100-240 VAC  $\pm$  10%, 50-60 Hz

## Electrical Connections

- RS-232 with USB and IEEE-488 options.
- 3 External Switches In/Out

## SC-DX Application Solutions



**FAST System**  
SC-FAST  
SC-FAST<sub>DL</sub>

High Throughput



**Geochemistry**  
geoFAST  
prepFAST

High Throughput | Automated Sample Preparation



**Micro Samples**  
microFAST MS  
DINFAST

Automated Micro Sample Analysis



**Soil Monitoring**  
soilFAST

High Throughput | Fast Rinseout



**Semiconductor**  
microFAST MS  
microFAST<sub>HF</sub>

Low Volume | High Purity | High Sensitivity



**Speciation**  
chromFAST  
periSPEC

Low-Pressure Automated Elemental Speciation



**Wear Metals in Oil**  
oilFAST DINFAST  
microFAST OS

Volatile Solvents | High Throughput



**Preconcentration**  
seaFAST apexFAST  
brineFAST TRUFAST

Automated Column Preconcentration



**Environmental**  
SC-FAST apexFAST  
seaFAST chromFAST

High Throughput | High Sensitivity | Matrix Removal | Speciation



**Online Process Monitoring**  
scoutbx

On-line Remote Sampling



**Clinical**  
SC-FAST  
microFAST MS

High Throughput | Micro Samples



**Nuclear**  
TRUFAST apexFAST  
SC-FAST

High Sensitivity | Radioisotope Detection

## Configuration Options

- 4 large racks or 6 micro racks
- 0, 1, 2 or 3 high-purity injection valves
- 0, 1, or 2 MP<sup>2</sup> micro peristaltic pumps
- 0, 1, or 2 SYRIX syringe pumps