

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.

Benefits

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

Dimensions and Weight

- Height: 462mm (18")
- Width: 770mm (31")
- Depth: 295mm (11.5")
- Weight: 15.1kg (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-4 DX FAST Autosampler
with Dual Flowing Rinse

SC-DX Application Solutions



FAST System
SC-FAST
SC-FAST_{DL}

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_{HF}

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
scout_{bx}

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 MP² micro peristaltic pumps
- 0, 1, or 2 SYRIX syringe pumps