Elemental Scientific

Fluoronetic Autosamplers

Most robust, chemically resistant autosamplers on the market

Designed for Cleanest Conditions and Highly Corrosive Samples

- Chemically resistant to eliminate corrosion
- Long-lived for hundreds of thousands of sample cycles
- Autocorrecting position autosampler
- Upgradable to SampleSense *FAST* & prep*FAST* technology
- Available in two configurations:
  - FNX Fluoronetic Autosampler for corrosive environments
  - FNXS Ultraclean Fluoronetic Autosampler with metal-free enclosure for ultimate in clean sample conditions

Robust Fluoronetic Drive

- Magnetically coupled linear drive
- 100% fluoropolymer movement
- Absolutely no exposed metal in or above sample area

DXCi Autocorrecting Autosampler

- AutoAlign Arm
- Automatically goes to the correct position every time – even when temporarily obstructed
- Robust, self-supported probe & transfer tubing

Fluoronetic Drive Delivers

Superior Chemical/Corrosion Resistance

Chemically Inert Non-contaminating

Magnetic Coupling Eliminates Metal Components

Intelligent Autocorrection Always Finds Sample Position

FNX Fluoronetic Autosamplers

AutoAlign Arm
- Self-realigns after encountering capped sample tube
- Metal-free fluoropolymer probe aligner

Sample Containers
- < 1 mL up to 500 mL

PTFE Autosampler Deck
- Chemically resistant for long lifetime

Position Autocorrection
- Adapts to every position automatically
- Automatically retries position if there is an obstacle
- Keeps analysis running, after years of use

Parabolic Probe
- Robust, heavy-walled, self-supporting
- Upgradable to PFA Fluorall Probe

Fluoronetic Drive
- True fluoropolymer mechanical action
- Magnetically coupled linear drive
- Chemically resistant and long-lived

Dual Overflowing Rinse Stations
- Ultra-low cross-contamination
- Independently pumped for low rinse consumption

SampleSense *FAST* & prep*FAST* Option
- Automated, ultra-high sample throughput with SampleSense *FAST*
- Autocalibration, autodilution, and automated sample loading with SampleSense prep*FAST*
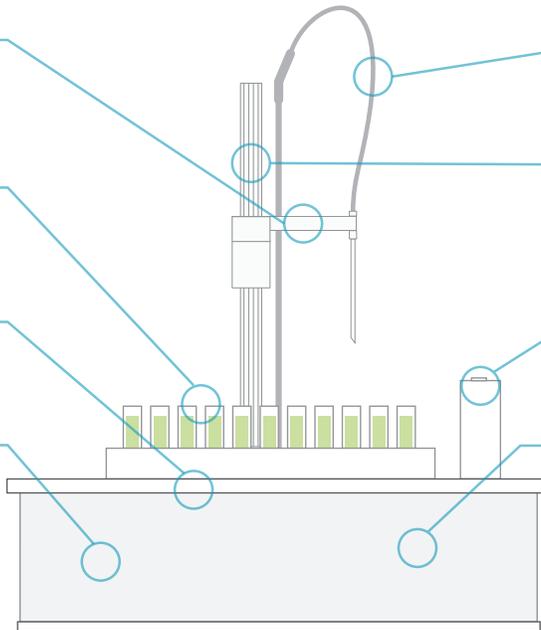
Most Chemically Inert *Autosampler designed for*

Highly Acidic or Corrosive Samples *for applications like:*

Geological   Mining   Plating   Metallurgy

FNX Models

2FNX

4FNX

8FNX

14FNX

FNXS Ultraclean Fluoronetic Autosamplers

Multiple Access Panels

- Left side panel with hinged access
- Optional right side hinged panel
- Front & back panels slide vertically

AutoAlign Arm

- Self-realigns after encountering capped sample tube
- Metal-free fluoropolymer probe aligner

Sample Containers

- < 1 mL up to 500 mL

PTFE Autosampler Deck

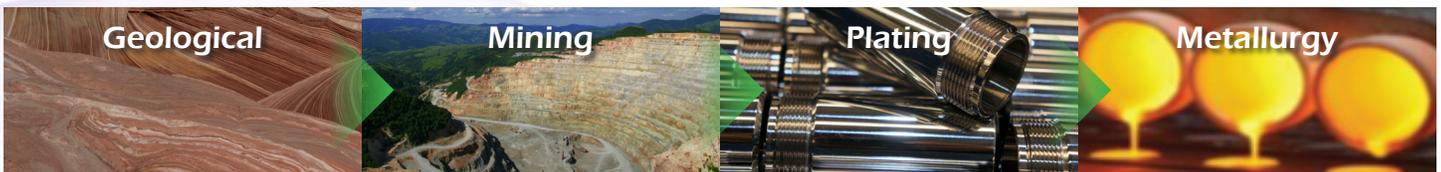- Chemically resistant for long lifetime

Position Autocorrection

- Adapts to every position automatically
- Automatically retries position if there is an obstacle
- Keeps analysis running, after years of use

Base Purge Option

- Prevents entry of corrosive fumes into electronics

Optional ULPA Filter or Air Shower

Ultrapure PFA Probe

- Fluoropolymer sample probe

Fluoronetic Drive

- True fluoropolymer mechanical action
- Magnetically coupled linear drive
- Chemically resistant and long-lived

Ultraclean Enclosure

- Longitudinal PTFE exhaust manifold in deck
- Fumes removed at sample level

Dual Flowing Ultraclean Rinse Station

- Ultra-low cross-contamination
- Independently pumped for low rinse consumption
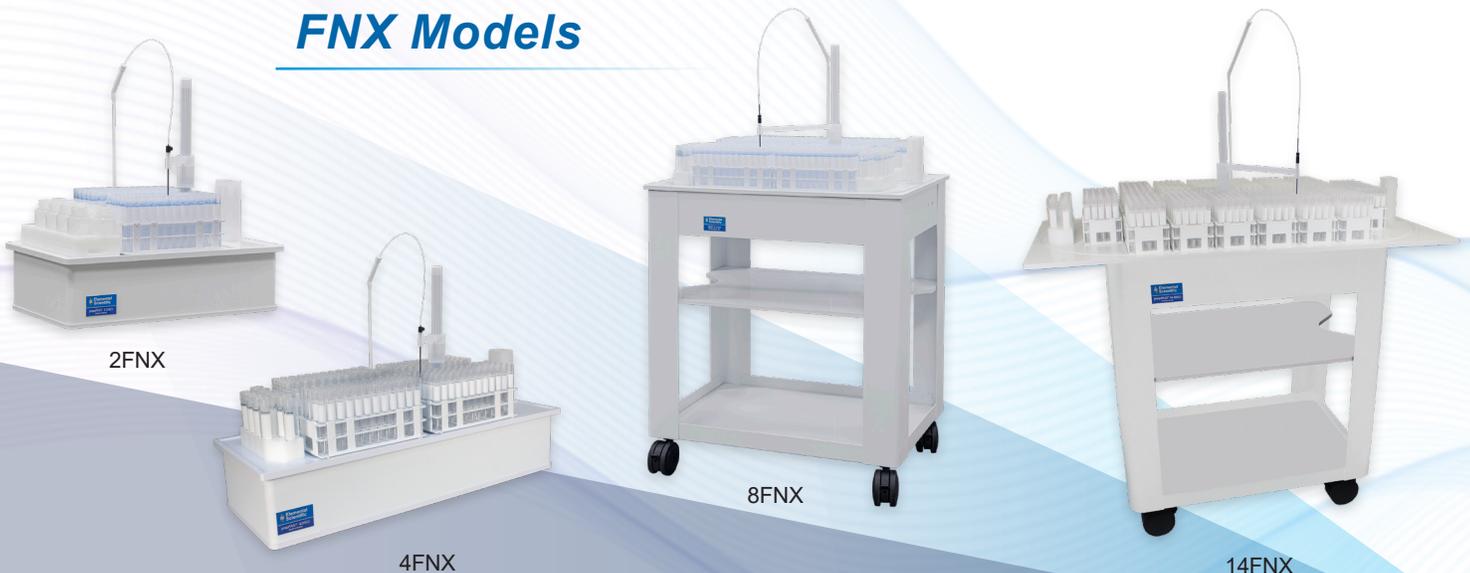- Flowing UPW rinse option

SampleSense *FAST* & prep*FAST* Options

- Automated, ultra-high sample throughput with SampleSense *FAST*
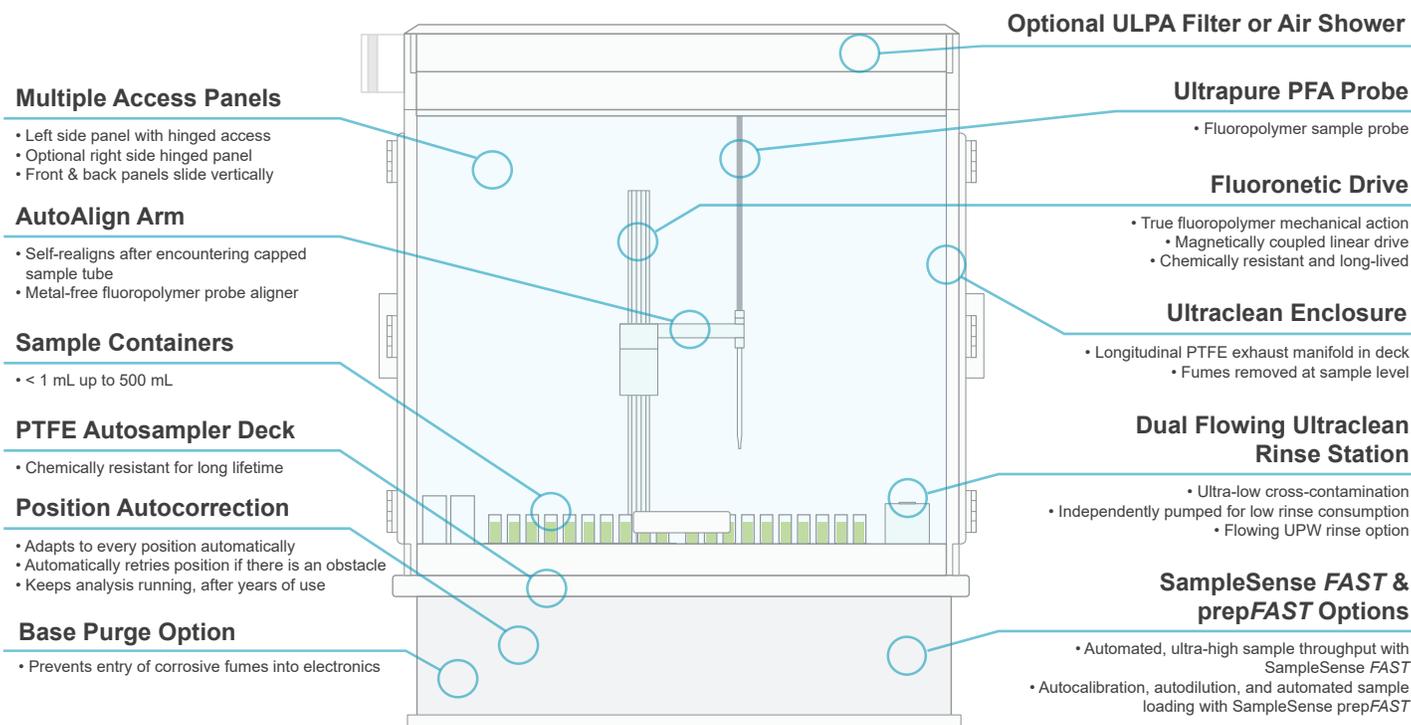- Autocalibration, autodilution, and automated sample loading with SampleSense prep*FAST*

Ultraclean Sample Environment *and*
Most Chemically Inert *for applications like:*

Semiconductor

Ultraclean Chemicals

Precious Samples

FNXS Models

2FNXS

4FNXS

Fluoronetic Autosampler Models

Fluoronetic Autosampler Model	Part Number	Integrated Enclosure	Large Rack Capacity	Microplate/ Micro Rack Capacity	MAXIMUM SAMPLE CAPACITY			
					50mL	15mL	8mL	MT-96
2FNX	2FNX		2	4	52	120	180	384
4FNX	4FNX		4	6	94	240	360	576
8FNX	8FNX		8	-	208	480	720	-
14FNX	14FNX		14	-	304	840	1,260	-
2FNXS Ultraclean	2FNXS	✓	2	4	52	120	180	384
4FNXS Ultraclean	4FNXS	✓	4	6	94	240	360	576

Fluoronetic autosampler configured for semiconductor grade ultra-pure chemical analysis

See it in Action!

For more information on ESI autosamplers, click or scan:

Elemental Scientific

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