



# Fluoronetic Autosamplers

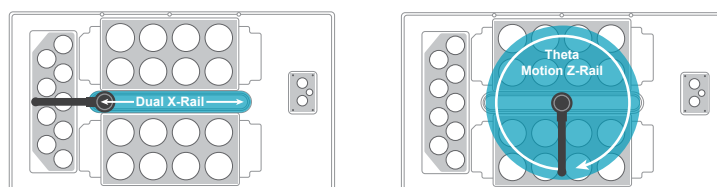
Most Robust, Chemically Resistant Autosamplers  
on the Market



## Autosampler Benefits

### Engineered for Precision and Durability

All DX-autosamplers are designed for the trace metal lab. They utilize a Dual X-rail design combined with a large diameter Z-rail with theta angular motion for precise sampling. All DX components are constructed using chemically resistant materials for an exceptionally long lifetime.

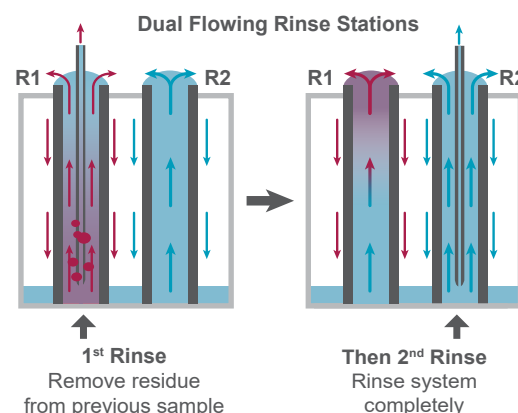


MicroDX autosampler shown

### Dual Rinse Stations Reduce Carryover and Cross Contamination

Eliminating carryover is vital for accurate data and paramount to the production laboratory.

All DX-autosamplers have adjustable dual overflowing rinse stations to minimize sample-to-sample carryover. Rinse liquid is supplied by an independent rinse pump split between two rinse station positions on the DXe models. With independent dual rinse pumps on the DX and DXCi models, each station can use a different rinse solution to effectively rinse wide-ranging sample types. The rinse pumps in all configurations supply solution only during the rinse events, significantly minimizing rinse solution consumption.

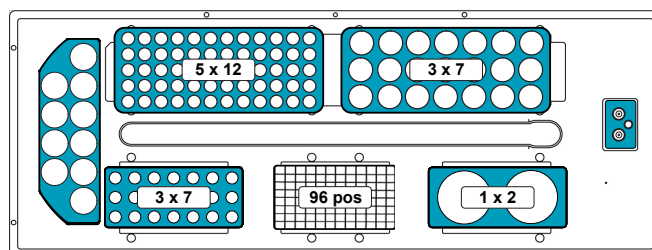


### DX-Autosamplers are Versatile and Upgradeable

DX-autosamplers are available in a range of sizes, with capacities from 2 micro racks to 14 large racks.

Flexible rack configurations permit almost any sample size, from micro vials up to 500 mL and larger bottles to be automatically analyzed.

All DX-autosamplers have the ability to upgrade to any FAST high-throughput or prepFAST autodilution system.



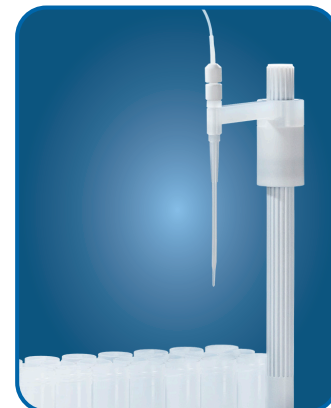
**Versatile Rack Configurations**

4DX shown with 5 x 12 and 3 x 7 large racks, 3 x 7 micro rack (MR), 96 well microplate, MR bottles – 2 x 250 mL

## Autosampler Benefits

### Intelligently Finds Sample Position

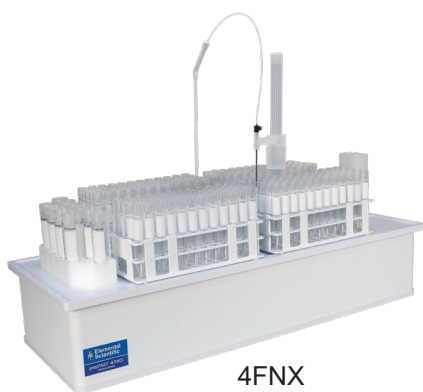
The DXCi autosampler models automatically monitors and corrects positions for all axes of motion. When it experiences an accidental obstruction, the autosampler corrects the probe position. These unique capabilities permit the metal-free AutoAlign Arm to operate at the highest possible speeds and provide the highest accuracy for microplates and small sample



## ESI DX-Autosampler Models

From **2** Racks

**UP** To  
**14** Large Racks



4FNX



2FNX



14FNX

The  
**Largest**  
Sample  
Capacity  
on the  
market!



8FNX

## Fluoronetic Autosamplers

### 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

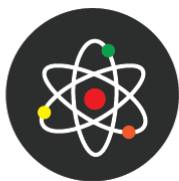
### DXCi Autocorrecting Autosampler

- 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 Fluoronic Autosamplers

## AutoAlign Arm

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

## Parabolic Probe

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

## Sample Containers

- <1 mL up to 500 mL

## Fluoronic Drive

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

## PTFE Autosampler Deck

- Chemically resistant for long lifetime

## Dual Overflowing Rinse Stations

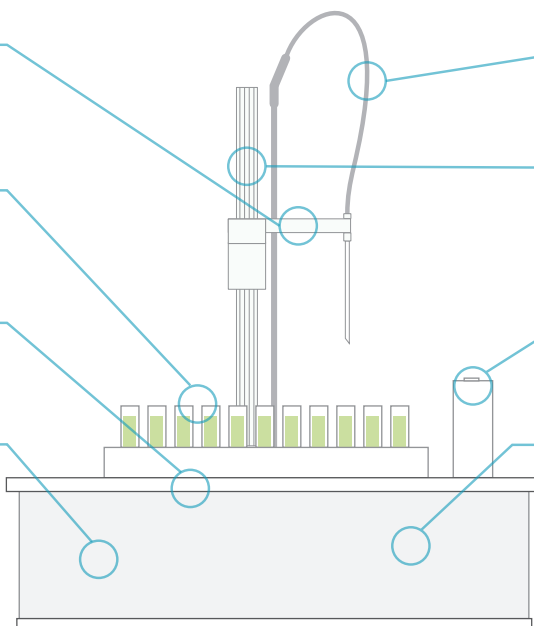
- Ultra-low cross-contamination
- Independently pumped for low rinse consumption

## Position Autocorrection

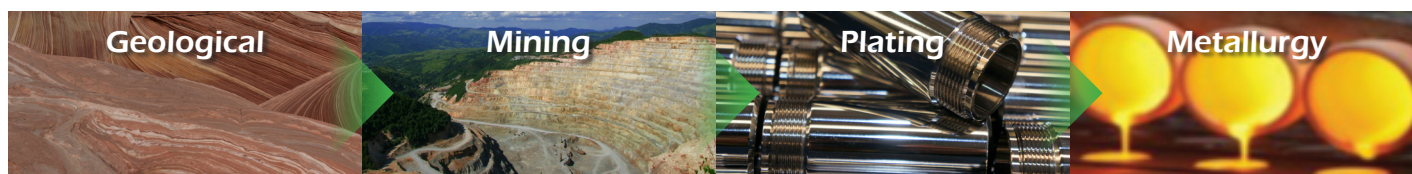
- Adapts to every position automatically
- Automatically retries position if there is an obstacle
- Keeps analysis running, after years of use

## SampleSense FAST & prepFAST Option

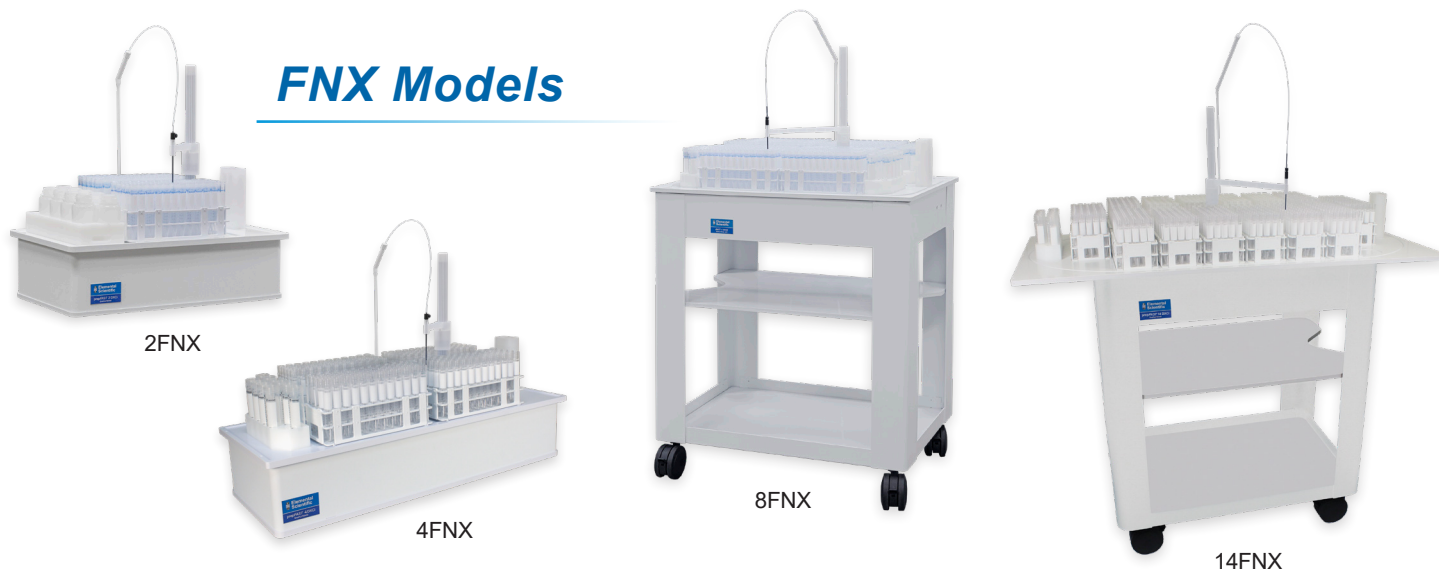
- Automated, ultra-high sample throughput with SampleSense FAST
- Autocalibration, autodilution, and automated sample loading with SampleSense prepFAST



# Most Chemically Inert Autosampler designed for Highly Acidic or Corrosive Samples for applications like:

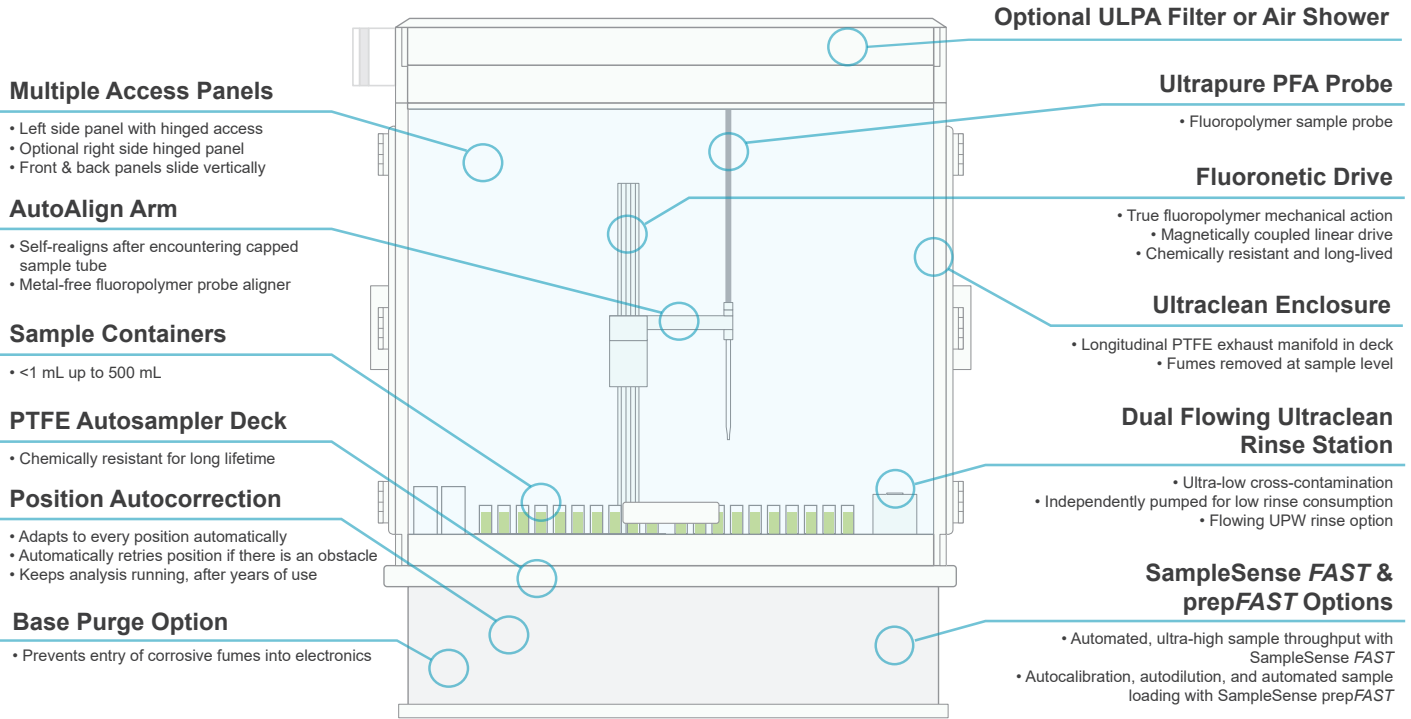


## FNX Models

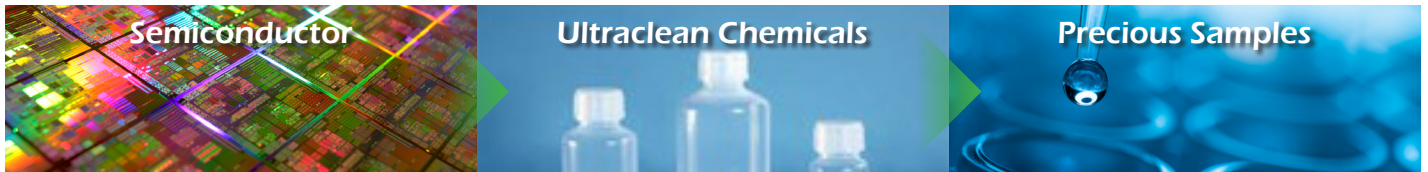




# FNXS Ultraclean Fluoronetic Autosamplers



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



2FNXS

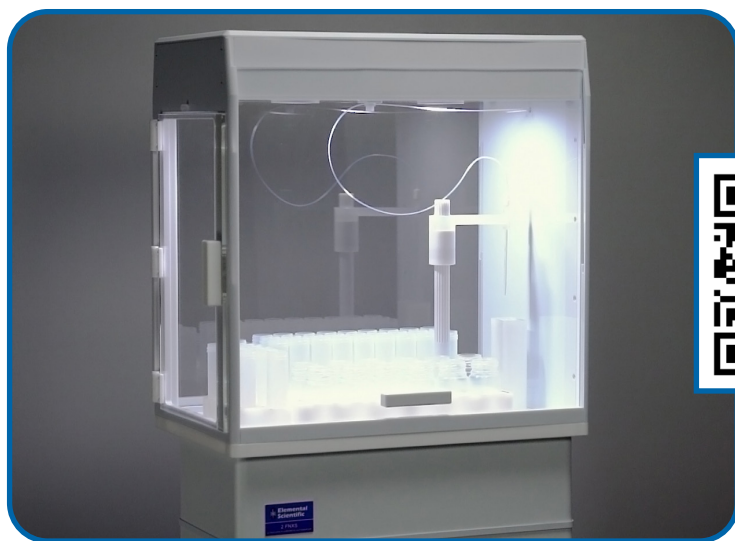


4FNXS

## FNXS Models

## Fluoronic Autosampler Models

Fluoronic Autosampler Model	Part Number	Integrated Enclosure	Large Rack Capacity	Microplate/ Micro Rack Capacity	MAXIMUM SAMPLE CAPACITY			
					50 mL	15 mL	8 mL	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



See it in Action!

Fluoronic autosampler configured for semiconductor grade ultra-pure chemical analysis



© Elemental Scientific | 7277 World Communications Drive | Omaha, NE 68122  
Tel: 1-402-991-7800 | [sales@icpms.com](mailto:sales@icpms.com) | [www.icpms.com](http://www.icpms.com)

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