

FIALYZER-FLEX



The

FLEXIBLE FLOW INJECTION ANALYZER

TYPICAL
SETUP

1. Analyzer
2. Computer
3. Autosampler
4. Service Contract

The FIAlyzer-FLEX combines a **high-performance spectrometer, high-precision pump and heater, and optimized fluidic arrangements** to offer detection limits in the **fractions** of parts per billion

Named for its flexibility, the FIAlyzer-FLEX is a flow injection analyzer optimized for **low-level** colorimetric assays. Built specifically for **detailed environmental analysis**, this analyzer is a capable machine. The FIAlyzer-FLEX is well-suited for FIAlab's **in-line chemistries**.

IDEAL

for **environmental laboratories** with **low detection limits** and **frequent switchovers**

INSTRUMENT HIGHLIGHTS

DETECTION PLATE

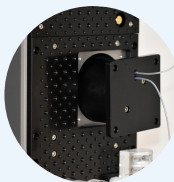


LIGHT SOURCE

SPECTROMETER



ASSAY PLATE



BUILT-IN HEATER

REAGENT MANIFOLD



LAB-ON-VALVE



In-line UV Digester

DIGESTION

The in-line digester is an automated unit for performing UV-mediated digestion of water samples.

FIAlab offers in-line digestion chemistries for:

- TOTAL CYANIDE —
- TOTAL NITROGEN —
- TOTAL PHOSPHORUS —

QUICKLY SWITCH BETWEEN ASSAYS



The assay "plates" allow the instrument to quickly switch between assays with pre-installed fluidic configurations.

FLEXIBLE DESIGN



The FIAlyzer-FLEX can hit low detection limits on assays that switch, stack together, and operate with no issues.

SFA COMPATIBLE



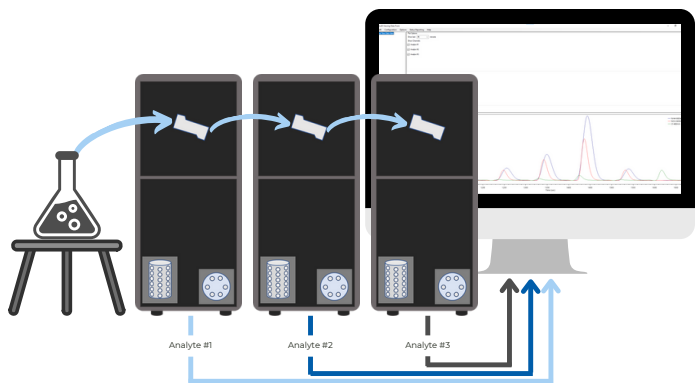
The FIAlyzer-FLEX is capable of performing both SFA (segmented flow analysis) and FIA (flow injection analysis).

SMALL FOOTPRINT



At just 6 inches wide, the FIAlyzer-FLEX is designed vertically to minimize footprint while allowing easy access to critical components

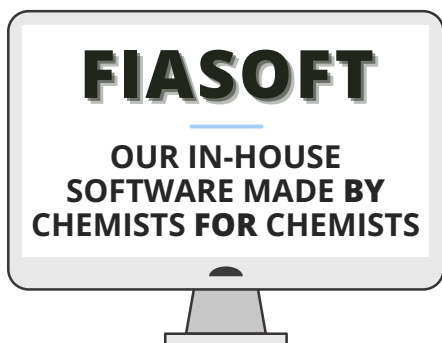
MULTI-CHANNEL ANALYSIS



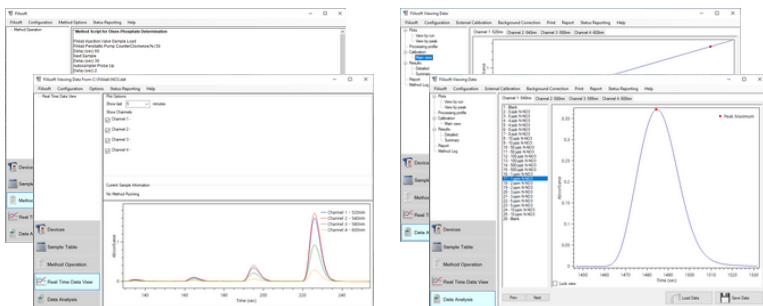
Example multi-channel FIAlyzer-FLEX set-up

The **FIAlyzer-FLEX series** is **modular**, by design, whereby the instruments can be combined into a 1-4 channel system with a combination of methods.

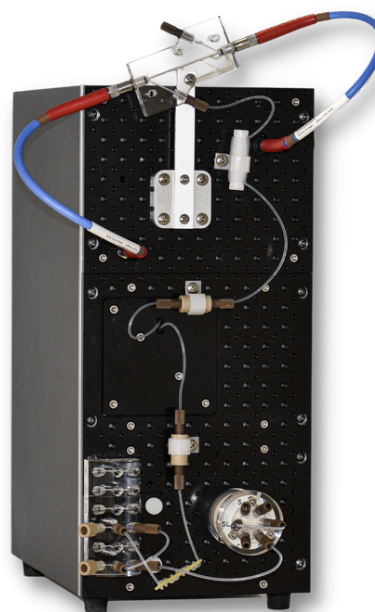
Multi-channel analysis combines various assays into an **efficient, in-line configuration**. Such a setup allows you to test multiple analytes on one sample **simultaneously**, which saves bench space, instrument cost, and time.



ANALYSIS ON-THE-FLY
INTUITIVE QUALITY CONTROL
FULL SPECTRAL RANGE
COMPATIBLE DATA MANAGEMENT



COMPATIBLE WITH WINDOWS 10 AND 11.



METHODS

AMMONIA, CHLORIDE, CYANIDE, NITRATE, NITRITE, NITROGEN, PHENOL, PHOSPHATE, PHOSPHORUS, SILICA, SULFATE, UREA,
 and more...

See our complete **Methods List** on our website [here](#)

ACCESSORIES



AD-100 AUTODILUTOR
Software controlled in-line dilution station

CADMIUM COLUMNS
In-house manufactured cadmium columns for nitrate reduction; Lachat Adaption Kit available.



BUY 1 GET 1 25% OFF

CONTACT

sales@flowinjection.com
 +1(206)258-2290
 +1(800)963-1101