

Flow Injection Analyzers for Environmental Assays

FIAlab[®]

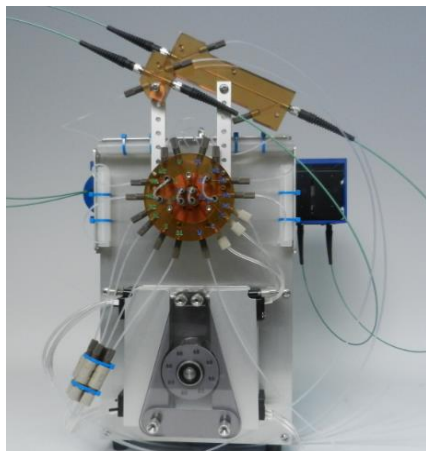
www.flowinjection.com

Leaders in Flow Injection Technology

- Analyzes nutrients and toxic substances in runoff, drinking and wastewater.
- High reproducibility and accuracy.
- Externally plumbed for ease of troubleshooting.
- Low reagent consumption and small size (32cm x 36cm x 40cm for FIAlab-2600).
- Wide range Ocean Optics spectrometer and broad spectrum light source allow multiple wavelengths to be looked at simultaneously – extending the range of concentrations that can be evaluated in a single run.
- Calibration possible on multiple wavelengths and can be calculated by looking at a variety of peak parameters.
- Report generation available in multiple formats. Compatible with LIMS system.
- No expensive cartridges per assay. The same components can be used to run multiple analytes.
- Instruments with up to 4 channels available.

Example Analytes with Ranges

Analyte	Range (Low - 50cm flow cell)	Range (Middle - 10cm flow cell)	Range (High - 1cm flow cell)
Nitrate	0.0004 – 0.1 mg (N)/L	0.002 - 1 mg (N)/L	0.2 - 20 mg (N)/L
Phosphate	0.002 - 0.05 mg (P)/L	0.01 – 0.25 mg (P)/L	0.1 – 2.5 mg (P)/L
Ammonia	0.002 – 0.2 mg (N)/L	0.01 - 1 mg (N)/L	0.5 - 20 mg (N)/L
Cyanide	0.002 - 0.02 mg (CN-)/L	0.01 - 1 mg (CN-)/L	0.1 - 10 mg (CN-)/L
Total Phosphorus	0.02 - 0.5 mg (P)/L	0.01 - 2.5 mg (P)/L	1 – 25 mg (P)/L
Total Nitrogen	0.2 – 1.5 mg (N)/L	1.0 - 30 mg (N)/L	10 – 300 mg (N)/L



FIAlab-2600 Dual Channel Analyzer

Distributor: