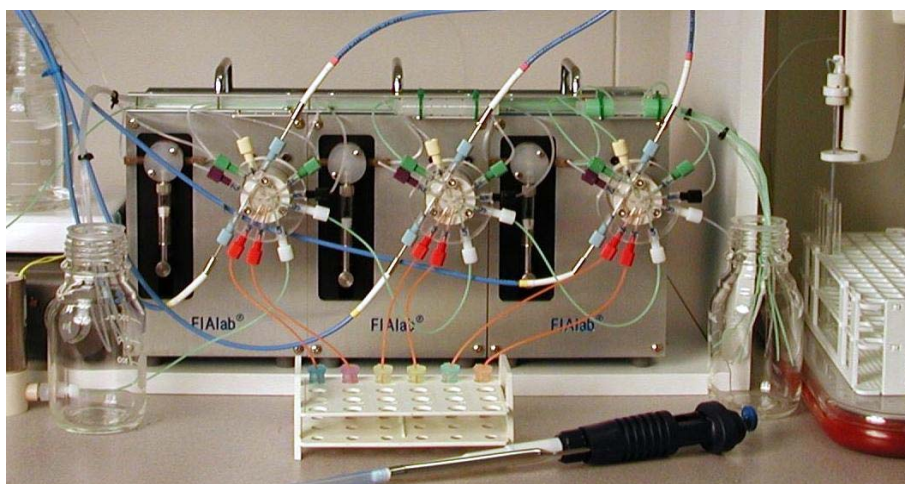


MicroSIA – A Compact/Portable Sequential Injection System



FIALab's MicroSIA system is the smallest complete Sequential Injection Analysis system available. Measuring only 5 inches wide, 6 inches high, 6 inches deep, and weighing only around 8 pounds, this highly portable unit is ideal for the laboratory where bench space is at a premium. Multiple MicroSIA units are easily interconnected for simultaneous multichannel measurements. This is the recommended system for on-line applications, where low sample and reagent usage and low waste production is critical. The MicroSIA system allows the user to change the mixing, dilution, reagent/sample ratios, stop time, monitored wavelengths, integration time, and many other assay parameters through software settings. No need to swap out expensive manifolds every time a new type of assay is required. The MicroSIA system is operated by FIALab for Windows control software.



Three Channel System used for Simultaneous Measurements of Three Analytes

The Lab-On-Valve manifold is usually recommended with the MicroSIA system, especially where application requirements include small volumes and low maintenance. Please visit our information page "SI Compatible Techniques" for method descriptions ideally suited for the MicroSIA/LOV system.

Typical Configuration and Accessories

	Compact Sequential Injection Analysis (SIA) system
Lab-On-Valve	6 or 8 port SIA Lab-on-valve system. Includes fiber optics. Select material : Acrylic,
	PEEK, or Ultem. Please inquire for additional information.
USB4000-UV/VIS	S4000 spectrometer with USB interface. Preset to 200-850 nm wavelength range, UV2 detector upgrade, 25 micron slit. (other

	spectrometer configurations are available, please inquire)
LS-1	Tungsten halogen light source for ~360 nm to 2 mm wavelength range
Optional Accessories	
Autosampler	ASX-260 Random Access XYZ Sample Changer (180 samples, 10 standards)
	ASX-520 Random Access XYZ Sample Changer (360 samples, 10 standards)
	AIM-3200 Random Access XYZ Sample Changer (180 samples, 10 standards)
	AIM-3300 Random Access XYZ Sample Changer (270 samples, 10 standards)
DH2000	Deuterium/Halogen light source. Useable wavelength range is 200 - 2000 nm
PMT-FL	Highly sensitive photo multiplier based flow through detection system ideally suited for very low fluorescence, chemiluminescence or bioluminescence measurements. Parts per trillion sensitivity.