



Flow Injection Analysis: A Practical Guide (Techniques and Instrumentation in Analytical Chemistry)

By B. Karlberg, G.E. Pacey

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This is a practical guide for first-time and experienced users of Flow Injection Analysis (FIA). It gives, not a detailed theoretical analysis, but a "nuts and bolts" approach to the description of the technique and how it can be utilized to solve analytical chemical problems.

The advantages of flow injection, how, when, why and where it works are all fully explained. Criteria for the choice of hardware and useful hints for maintenance are provided. The large variety of detectors suitable to combine with FIA are discussed, as are special modes of operation, their advantages and their limitations, and also conversion of batch methods to FIA methods. Numerous in-depth descriptions of applications of FIA techniques in water, soil, pharmaceutical and industrial analysis are featured, and a complete bibliography is included.

The authors have spent several years demonstrating, lecturing and using FIA and the basic outline of their book closely follows the schedule of the FIA workshops they have taught. It will be an invaluable tool for all chemists who perform analyses on a routine basis.

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