
New Products

Micro Gradient HPLC with Dual Zero-Pulse Syringe Pumps

The Model G MPLC MicroPump System for gradient and isocratic HPLC applications is designed to provide optimal performance when working with capillary and microbore columns up to 2.1 mm in inside diameter. Precise flow rates of 1–1000 $\mu\text{L}/\text{min}$ can be generated directly, and even lower flow rate produced with the use of a splitter.

The pulse-free, low flow rate delivery system makes it ideal for use with post column reaction techniques and for use with flow sensitive detectors where pump noise may limit detector sensitivity. For example, the MicroPump successfully provides 10–40 $\mu\text{L}/\text{min}$ flow for use with direct liquid interfaces to mass spectrometers.

The dual syringe pumps are driven by an integrated microprocessor. The pump design permits a wide dynamic range as well as pressures to 5000 psi. Either pressure programming or compositional gradients are possible for Supercritical Fluid Chromatography. With %B gradient programming and flow programming, the MicroPump is capable of meeting the most stringent requirements of chromatographic research.



The complete MPLC MicroPump System, with a variable wavelength UV Detector, starts at \$ 18,500. For complete information, contract Walter Schick, Brownlee Labs, Inc., 2045 Martin Ave. # 204, Santa Clara, CA 95050 USA. Phone (408) 727-1346 Telex 1 71 156.

New Literature for Chromatography

A new 6-page shortform catalog highlights Tracor's expanded line of gas and liquid chromatography systems. Featured is the cost saving Model 540 microprocessor GC; unique LC detectors including the Model 945 LC/FID and photoconductivity; and a complete selection of accessories — integrators, strip chart recorders and autosamplers.

Further information: Tracor, Inc., 6500 Tracor Lane, Austin, TX 78721, USA.

Perkin-Elmer's MPF-66 Fluorescence Spectrophotometer

An eight-page brochure describing Perkin-Elmer's new MPF-66 Fluorescence Spectrophotometer is now available. The full color brochure highlights this new instrument's superior optical performance and excellent sensitivity and resolution.

The MPF-66 Fluorescence Spectrophotometer system includes the Perkin-Elmer Series 7000 Professional Computer. Easy to use software programs, which allow users to get the data they need in the format they want, are described and illustrated with sample screens. Sample spectra demonstrate instrument performance. Various MPF-66 accessories are detailed. Instrument specifications and ordering information are included.

For further information, call or write: the Perkin-Elmer Corporation, Oak Brook Instrument Department, 2000 York Road, Oak Brook, IL 60521, (312) 887-0770.

Erratum

to the contribution **Viscosity of Gases Used as the Mobile Phase in Gas Chromatography**

by L. S. Ettre

[Chromatographia 18, 243–248 (May 1984)]

In the paper, eq. (2) was incorrectly printed. It should be

$$j' = \frac{3(P+1)^2}{4(P^2+P+1)} \quad (2)$$

In other words, in the term in parentheses in the numerator, P, the relative pressure, is not on the second power; the whole term in parentheses is on the second power.