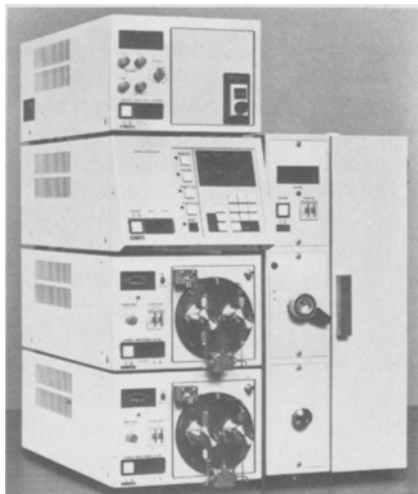


# New Products



## HPLC COMPONENTS

Varian's new SlimLine LC 2000 series of HPLC components is designed for the low-to-medium end of the component/component system in the HPLC market, the firm says. The new series includes an HPLC pump, gradient programmer, wavelength detector, spectrofluorometric detector and column oven. Cost would be \$23,000 if each component were purchased separately. Information: Varian Associates Instrument Group, 220 Humboldt Court, Sunnyvale, CA 94086.

## WAVELENGTH DETECTOR

Perkin-Elmer's new LC-95 Variable Wavelength UV/Visible liquid chromatography detector features three self-aligning, quick change flowcells. The 18 microliter, 16 mm pathlength flowcell is for trace analysis; the 4.5 microliter, 10 mm pathlength flowcell is for general applications, and the 1.4 microliter, 6 mm pathlength flowcell is designed for microbore and high speed liquid chromatography. Information: Perkin-Elmer Corp., Main Avenue, Mail Station 12, Norwalk, CT 06856.

## PROGRAMMABLE DETECTOR

Waters Associates has introduced a programmable multiwavelength UV/Visible HPLC detector providing seven programmable modes on up to four output channels. Waters' 490 Detector typical peak to peak noise is  $5 \times 10^{-5}$  absorbance units (with flowing solvent) to allow accurate quantitation of trace components. The detector permits programming of up to eight wavelength changes per channel to maximize sensitivity and selectivity. Information: Waters Associates, 34 Maple St., Milford, MA 01757.

## DATA MANAGEMENT SYSTEM

Allied Analytical Systems is offering a data management software system, ADS-1, for use with Instrumentation Laboratories' video series of atomic absorption instruments. The software can produce a single, customized report for each sample; store analytical methods on floppy disk; store and recall up to 1000 calibration curves on floppy disk; automatically correct for sample weight or volume deviation, and test data for concentration specifications. Information: Allied Analytical Systems, 1 Burr Rd., Andover, MA 10810.



## DESICCATOR

Labconco Corporation says its new Auto Dry Desiccator will safely store chromatography plates, chemical standards or any other materials requiring a day environment free from contamination. The dessicator has a heat-driven component to absorb moisture in the cabinet and a 15-watt light providing additional heat for moisture absorption. Information: Labconco Corp., 8811 Prospect, Kansas City, MO 64132.

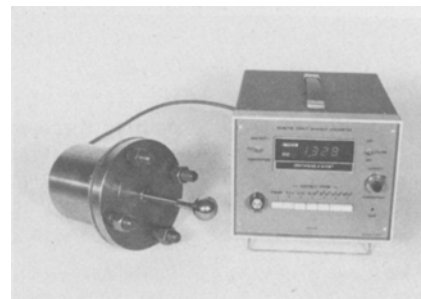
## ULTRASONIC NOZZLE SYSTEM

Sono-Tek Corporation is manufacturing ultrasonically operated liquid atomizing viscous materials. Designed with tapered amplifying stems, the nozzles include low velocity spray (0.2 meters/second), small droplets, infinitely variable flow rate, low power consumption and unpressurized operation. The nozzles are available at 1.7 gph and 3.5 gph flow rates. Information: Sono-Tek Corporation, 313 Main Mall, Poughkeepsie, NY 12601.

## MEASUREMENT SYSTEM

Manning Technologies Inc. has a portable ultrasonic level and flow measurement system that can provide both digital data and back-up chart recordings of liquid level and flow by measuring the level in a calibrated pipe, invert, channel, flume or weir. The Model UD-1100 records digital data

into an easily removable data capsule. The data capsule may be read with use of a complete data analysis package using an Apple IIe computer. The system converts data to engineering units, tabulates it on a daily or weekly basis and provides graphs. Data Transfer units can be used for other computers to read the data capsule from a built-in socket. Information: Manning Technologies Inc., 100 Technology Circle, Scotts Valley, CA 95066.



## TEMPERATURE COMPENSATOR

Nametre Co. says its new Inline Viscometer has an automatic temperature compensation circuit which corrects for normal fluctuations in process temperature. Temperature changes affect viscosity, but the temperature compensation circuit displays product viscosity as if the process were at a constant temperature, the firm says. The viscometer monitors slurries, polymerization reactions, solvent content, composition, phase separation and other parameters. Information: Nametre Co., 1778 Highway 27, Edison, NJ 08817.



## TANK WASHER

Spraying System Company's AA190 tank washing unit features air or electric motor operation with shaft extension lengths of 3' or 6' to provide high impact jets of liquid used to wash difficult to clean tanks. The unit fits into a hole of less than 3½" diameter to provide up to 15 gallons per minute at up to 500 psi from a rotating nozzle turret. It may be used with tanks up to 12' in diameter or height. Information: Spraying Systems Co., North Avenue at Schmale Road, Wheaton, IL 60198.