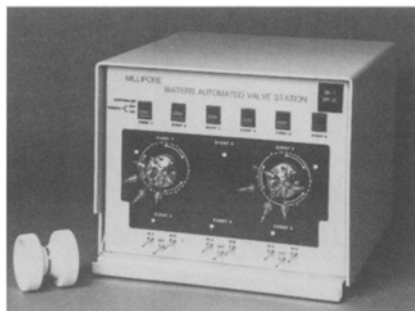
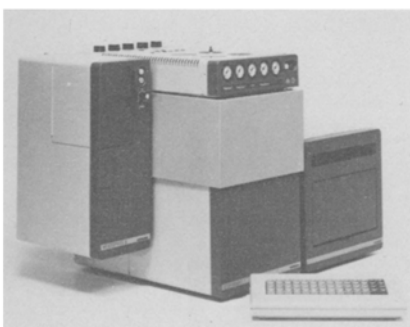


New Products



AUTOMATED VALVE STATION

Waters Chromatography Division, Millipore Corp., has introduced a valve station which automates repetitive pre-chromatographic sample preparation operations. The automated valve station features two six-port high pressure column switching valves, three two-way solvent select valves and an internal 12-volt power supply for valve switching actuation. The station is pre-assembled and pre-wired in compact housing. It can automate on-line sample cleanup, trace enrichment, methods switching, column flushout and equilibration, sequential analytical separations and small scale sequential preparative separations. Contact: Waters Chromatography Div., 34 Maple St., Milford, MA 01757.



HEADSPACE ANALYSIS

ES Industries offers an automated headspace injection system. The Headspace 6 unit is designed to handle volatile components in solids, highly viscous liquids and samples that are difficult to clean up. The unit heats the sample in a closed vial which releases only the volatile components. The Headspace 6 can automatically inject up to six samples. The system uses a gas sampling valve. Vial temperature is adjustable from 50 to 180 C. Contact: ES Industries, 8 S. Maple Ave., Marlton, NJ 08053.

HYDROLYZED SOY PRODUCT

Sheffield Products has introduced a new hydrolyzed soy product, N-Z-Soy BL, for use as a soluble protein source for diet formulations or to supplement foods or beverages. It is available at both neutral and acidic pH. Contact: Sheffield Products, PO Box 630, Norwich, NY 13815.

SPECTROPHOTOMETER

LKB Instruments' UltraSpec II is a sophisticated single-beam UV/VIS spectrophotometer. The instrument has a wavelength range of 200-900nm, using both deuterium and tungsten halogen lamps. Eight keypads control selection parameters and provide simple, logical operating steps. Automatic calibration on switch-on, wavelength change and auto zeroing is micro-processor controlled. A six-position cell holder is included for use with standard, semi-micro and micro cells. Results are displayed both graphically and tabularly. Contact: LKB Instruments Inc., 9319 Gaither Rd., Gaithersburg, MD 20877.

VACUUM PUMP SYSTEM

The Chemobold is a small, bench-type vacuum pump system designed to cover a wide range of applications in the chemical laboratory. Features include a TRIVAC-B two-stage rotary vane vacuum pump, an intake-side single or dual cold trap, vacuum valve and control panel, with all operating elements in an open frame designed to fit standard laboratory benches. The bench pump system is supplied optionally with or without castors. Contact: Leybold-Heraeus GmbH, Postfach 510760, D-5000 Köln 51, Cologne, West Germany.

TEST TUBE RACKS

Nalgene unwire test tube racks from Nalge are molded in one piece of glass-reinforced acetal. They are designed to withstand most laboratory chemicals and can be used at temperatures up to 121 C. The racks are available in five sizes to accommodate 13-, 16-, 20-, 25- and 30-mm test tubes. Contact: Nalge Co., Box 365, Rochester, NY 14602.

LECITHIN TEST KIT

A test kit for enzymatic determination of lecithin in a variety of materials is available from Boehringer Mannheim Biochemicals. The method allows independent determination of lecithin and free choline. Contact: Boehringer Mannheim Biochemicals, Technical Sales Dept., telephone 1-800-428-5333 (in Indiana, call collect, 1-317-849-9350).

LC AUTOSAMPLER

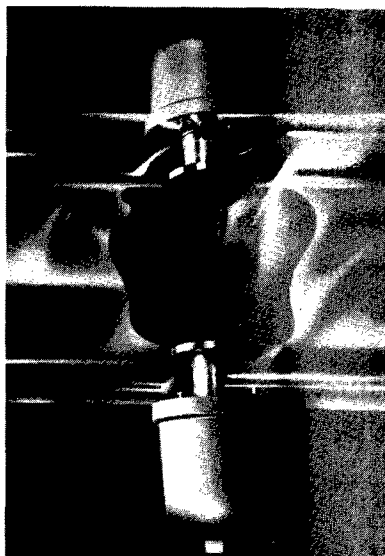
An electrically driven random-access 100-vial automatic LC sample injector that operates up to 6000 psi is available from Shimadzu Scientific Instruments. Features include automatic multiple file parameters programmable for 100 samples per run, CRT parameter display, temperature-controlled sample tray, programmable injection volumes from 1-500 μ l in 1 μ l increments, programmable repeat injection from 1 to 30 times per sample and variable syringe speed. Contact: Shimadzu Scientific Instruments Inc., 7102 Riverwood Dr., Columbia, MD 21046.



pH/TEMPERATURE GAUGE

The Whatman "pH Stick" is a combination pH/temperature measuring instrument integrating the meter and electrode into a single, compact, hand-held instrument. Either the pH or temperature measurement can be selected on the keyboard. In the pH mode, the instrument has an operating range of 0 to 14.00. Automatic temperature compensation of 0 to 100 C is available through a sensor within the electrode. The instrument uses one nine-volt battery. Contact: Whatman LabSales Inc., 5285 NE Elam Young Pkwy., Suite A-400, Hillsboro, OR 97124.

New Products




INFRARED ANALYZER

Xertex Process Instruments' open path infrared analyzer, Model OP-3300, allows continuous measurement of infrared absorbing materials in ducts, ovens or in the atmosphere of facilities. The analyzer system consists of a transmitter unit, receiver unit and control unit. The analyzer is designed for applications where fast response and high sensitivity are required. No sample preparation is necessary because the measurement is made in place. The infrared beam is directed across an open path in the atmosphere, across a duct or from one side of an oven to the other. The absorption at a specific wavelength is measured and compared with the absorption at a reference frequency. Contact: Process Instruments Div., Xertex Corp., 3240 Scott Blvd., Santa Clara, CA 95052-8007.

What is the name of the peristaltic dispenser that fills petri dishes, i.v. bags, culture tubes, scintillation vials & bottles? **Compulab.**[®] The one that can be programmed to pump slurries, bases, acids, abrasive components & organic solvents? **Compulab.** Accurate? Extremely. Wide range? 1ml to 9999ml. Autoclavable? Yes, just change the tubing. **Compulab.** Who makes it? **Manostat.** Where can I get it? **Call Manostat. 212-594-6262**

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