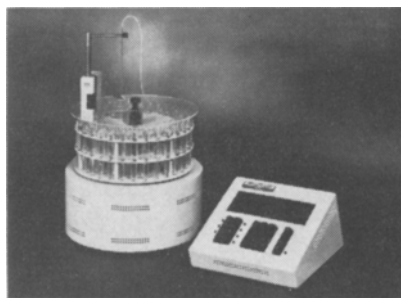
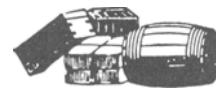


New Products



• Perkin-Elmer's new Model AS-50 Auto Sample for flame atomic absorption is compatible with all Perkin-Elmer atomic absorption spectrophotometers to automatically present up to 50 samples to the instrument for analysis and activate the "read" cycle of instruments with signal integration capabilities. Information: Perkin-Elmer Corp., Instrument Division, Main Ave., Norwalk, CT 06856 (203-762-1000).

• R&G Sloane Manufacturing Company's new thermo-plastic valve line includes its GSR Multiport Bell Valve for application requiring diversion of flow in any of three directions as well as on-off control. Information: Industrial Division, R&G Sloane Manufacturing, 7606 N. Clybourn Ave., Sun Valley, CA 91352.

• Hacker Instruments' new interference microscope has applications in measuring thin film thickness and diffusion depths, in evaluating finish of finely lapped or polished surfaces and edges, and in measuring flatness of small surface areas. Features include interference objectives 10x and 20x initial magnification with resolving powers of 0 to 6 micrometers horizontally and less than 1/10th fringe vertically. Information: Hacker Instruments Inc., PO Box 657, Fairfield, NJ 07006.

• Siemens is offering a logic controller for interfacing Siemens SRS 200 sequential X-ray spectrometers to a process computer. The unit includes a program memory that can store up to 256 lines. Information: Siemens AG, Postfach 103, D-8000, Munich 1, Germany.

• Kent Meter Sales Inc. is producing a semi-positive rotary piston meter to handle bulk measurement of industrial liquids up to 300 F. Volume range is 1.0 to 340 g in sizes ranging from 1½ to 4 in. with 150 psi working pressure. Information: Edward Stephenson, Kent Meter Sales Inc., 7 E. Silver Springs Blvd., Ocala, FL (904-732-4670).

• Lab-Lines Instruments, Inc. has an improved Orbit Environ-Shaker that includes a safety thermostat to protect samples if the regular control thermostat should fail. Information: Lab Lines Instruments, Inc., Lab-Line Plaza, Melrose Park, IL 60160.

• Durkee Industrial Foods Group/SCM Corp. announces it has available a new and improved Duratex, a food grade powdered lubricant made from hydrogenated cottonseed oil. The product can be used as a tableting aid in manufacture of pharmaceuticals, powdered metals, catalysts, and ceramics, the firm says. Information: Durkee Industrial Foods Group, 900 Union Commerce Building, Cleveland, OH 44115 (tele: 216-771-5121).

• Tuthill Pump Co. has introduced its Model 9061-F

magnetically coupled gear pump that operates on 12 volt DC current with a capacity of up to 39 gph, producing pressures to 85 psi. It is safe for system pressures to 300 psi. Information: Tuthill Pump Co. of California, 2935 Kerner Blvd., San Rafael, CA 94901 (415-457-6330).

• Sloane Audio-Visuals for Analysis and Training has introduced four slide-tape programs on HPLC by Harold M. McNair of Virginia Polytechnic Institute. The tapes are designed for technicians beginning to use HPLC and as a review for others. Topics: Overview of HPLC, design and function of equipment, column packings, and methods to reduce data. Information: Howard J. Sloane, PO Box 3670, Fullerton, CA 92634 (714-870-7880).

• Shaban Manufacturing Ltd. is marketing a suspended solids monitor, Model DRT-200-D, with digital readout to measure many industrial process liquids. The system permits reading of extraneous samples from other parts of the process without affecting flow to the monitor and permits direct calibration checks at any time. Information: H.F. Instruments Division, Shaban Manufacturing Ltd., 105 Healey Rd., Bolton, Ontario, Canada LOP 1A0.

• Barber-Colman Co. has two new industrial pressure indicators. Analog indicator Model 106C and digital indicator Model DB13 include built-in regulated power supply for pressure transducers and adapt to almost all strain gage pressure transducers. Information: Barber-Colman Co., Industrial Instruments Division, 1700 Rock St., Rockford, IL.

• Hacker Instruments is marketing its 5030 rotary microtome, equipped to section plastic as well as paraffin-embedded specimens. Interchangeable advance systems with ranges to 12, 30, and 60 microns permit sectioning in steps of 0.2, 0.5, and 1 micron. Information: Hacker Instruments Inc., PO Box 657, Fairfield, NJ 00706.

• Electrothermal Engineering Ltd. is marketing a fraction collector, which receives liquids for analysis after they have been chromatographically separated, featuring a mobile delivery head and stationary test tubes to improve mechanical reliability. The delivery head is below electrical and mechanical components to avoid contamination by accidental spillage. Information: Electrothermal Engineering Ltd., 270 Neville Rd., London E7 9QN England.

• Monitor Manufacturing has introduced its CM-3A electromechanical level indicator producing digital readout of depth or amount of material contained in a silo, tank, or bin from 10 to 200 ft in depth. Metric measurement also is available. Information: Monitor Manufacturing, Drawer AL, Elburn, IL 60119.

New brochures: shell and tube heat exchangers, from Harris Thermal Transfer Products, 19830 S.W. 102nd St., Tualatin, OR 97062 (503-683-7626) . . . pre-engineered reactors, from Alloy Crafts Co., Delphia, IN 46923 (317-564-2141) . . . magnesium alcoholates, from Dynamit Nobel AG, Chemical Sales, Division I/ZN 4, 521 Troisdorf, Germany . . . cationic curable urethane solution, from Organic Chemicals Division, W.R. Grace & Co., 55 Hayden Ave., Lexington, MA 02173 . . . Perkin-Elmer's X99 series infrared spectrophotometers, from Perkin-Elmer Corp., Instrument Division, Main Avenue, Mail Station 12, Norwalk, CT 06856 . . . Vitrecarb, from The Fluorocarbon Co., 1432 S. Allec St., Anaheim, CA 92803. ●