

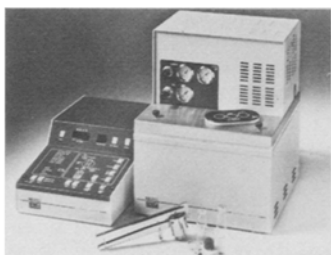
New Products

SPECTRAL SOFTWARE

Varian Associates has introduced a spectral analysis software package, Multi-Scan, to provide new analytical capabilities for chemists, biochemists and materials scientists. More than 300 spectra can be stored on disk for off-line recalculation and display, and samples may be compared directly with reference spectra collected. Spectral calculations may be applied on-line for direct recomputation of sample data or off-line using stored spectra. Calculation options include spectral addition, subtraction, multiplication, division or comparison. Contact: Varian Associates, Instrument Group, 220 Humboldt Ct., Sunnyvale, CA 94086.

HPLC SYSTEM

Designed for production quality control laboratories, Beckman Instruments' QC Isocratic System was devised as a workhorse system simple to operate without special training and easily automated for unattended operation. The HPLC system is preplumbed. It can accommodate any HPLC column from 45 to 300 mm long without loss of chromatographic integrity, to allow the user the choice of optimal speed, efficiency or sensitivity. Contact: Beckman Instruments Inc., Altex Scientific Operations, 1716 Fourth St., Berkeley, CA 94710.



HEADSPACE SAMPLER

An automated headspace sampler for the analytical laboratory offered by Hewlett-Packard provides an alternative method to preparing solid or viscous liquid samples for syringe injection. The headspace sampler interfaces to any packed or capillary gas chromatograph, including mass-spectrometer systems, and switches to on-column injection mode. Applications include use in laboratories in plastics, food and beverage, and personal-care product industries. The sampler can operate over a temperature range of 15 to 150 C. Contact: Inquiries Manager, Hewlett-Packard Co., 1820 Embarcadero Rd., Palo Alto, CA 94303.

INDICATOR STRIPS

Schleicher & Schuell Panpeha indicator strips, designed for rapid pH determination of solutions, indicate pH values from 0 to 14 in 24 gradations. Applications include rapid on-site field testing and on-stream pH testing. The strips also can serve as a double check on pH meter accuracy and can be useful in testing high-temperature liquids. The strips offer sensitivity of 0.5 pH units in the 0 to 9 range and 1.0 pH units in the 9 to 14 range, and feature eight colored indicator squares. They are designed for clinical, industrial, educational and research laboratories. Contact: Schleicher & Schuell Inc., Keene, NH 03431.

LEVEL INDICATORS

Gems Sensors Division offers FabriSite kits to permit custom-assembling of level indicators to exact requirements. The indicators can be mounted externally on a variety of tanks to read water, oil, corrosive or flammable liquid levels. The kits include four flag assembly lengths from six inches to four feet, clamps, switch modules and three types of float assemblies. Indicators are designed to withstand temperatures to 300 F and pressures to 600 psig. Contact: Gems Sensors Division, Transamerican Delaval Inc., Cowles Road, Plainville, CT 06062.



PORTABLE PIPETTOR

Manostat Corp. has introduced Portapet, a portable pipettor weighing seven ounces. The unit features a rubber bulb capable of more than 80 ml of pipetting volume in one squeeze. It also can be used with a vacuum line instead of the bulb. Contact: Manostat, 519 Eighth Ave., New York, NY 10018.

ELECTRODE

Chemtrix's "No Fuss" combination epoxy body electrode features a patented porous Teflon liquid reference junction. The electrode has a removable bulb protector for easy cleaning and a full-range pH glass. Applications include both general lab use and

severe industrial use. Contact: Chemtrix, Whatman LabSales Inc., 5285 N.E. Elam Young Pkwy., Suite A-400, Hillsboro, OR 97124.

PACKAGING CONTROLLER

Bemis-Packaging Service Industries has added Model 5500 Bemiscan intelligent controller to its line of packaging machinery. Operators can enter the bag weight at the keyboard and press the start switch, with the controller automatically performing adjustments and corrections. The panel's 20 characters, unit weight, target weight, pounds or kilos and unit count are displayed at once. Contact: Bemis-Packaging Service Industries, 315 27th Ave. N.E., Minneapolis, MN 55418.



PROCESS REFRACTOMETER

Xertex Process Instruments' micro process refractometer model RI-6500 is a probe unit that can be attached to the process line. Changes in composition of the process stream are measured and shown digitally. The instrument is equipped with adjustable alarm contacts and can be provided with 4-20 millampere signals to a remote recorder or computer. It can be used to monitor and control process streams for concentrations of sugar in water, acids in water, solvent water mixtures or other liquid streams where composition measurement is desired. Contact: Process Instruments Div., Xertex Corp., PO Box 58007, Santa Clara, CA 95052-8007.

POPPE VALVES

Granzow Inc. has developed pneumatically operated poppet valves in steel, bronze and 316 stainless steel. Valves range from 1/2" through 3" (NPT). They are designed for a maximum temperature of 450 F and maximum pressure of 250 psig. The whole range can be activated directly from a micro-processor signal. Applications include chemical, food, water, machinery and pharmaceutical industries. Contact: Granzow Inc., 6033 Kenley Ln., Charlotte, NC 28210.