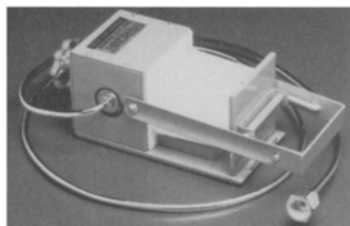


New Products

BATCH WEIGHING

Toledo Scale's Batchelor system provides automatic batch weighing of one or more materials on one or two scales simultaneously. The system can be tailored for computer links, true manual-backup control, hand-add prompting panels and mixer controls. Optional strip printer is available to monitor batch activity, material usage and inventory. Contact: Toledo Scale, 350 W. Wilson Bridge Rd., Worthington, OH 43085.



DRY ICE MAKER

Bel-Art's Frigmat is designed to produce small amounts of dry ice for use in the lab. The Frigmat hooks into liquid carbon dioxide tanks to produce 1-lb blocks quickly. Contact: Bel-Art Products, 6 Industrial Rd., Pequannock, NJ 07440.

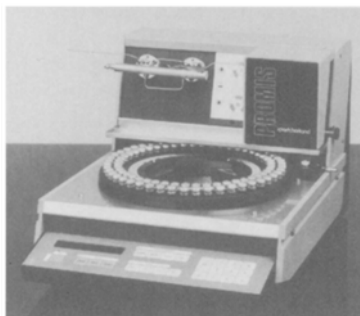
VACUUM PUMPS

The Trivac B oil-sealed vacuum pump applications include distillation, sublimation, drying, vaporization/concentration, degassing and filtration. The pumps are equipped with an integral, high-pressure oil circulating gear pump, an airtight/isolation (anti-suckback) valve and gas ballast operation. Contact: Leybold-Heraeus Vacuum Products Inc., 5700 Mellon Rd., Export, PA 15632.

CHROMATOGRAPH

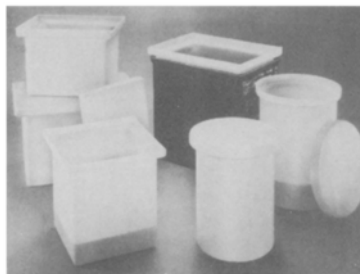
Varian Associates Inc. has introduced the model 3600 gas chromatograph for use in environmental, petroleum, food, organic chemical, pharmaceutical, drug analysis and forensic laboratories. Features include multichannel data handling, diagnostics, a wide range of injectors, an optional inboard data system and a high-resolution printer/plotter. Contact: Varian Asso-

ciates Inc., 505 Julie Rivers Rd., Suite 150, Sugar Land, TX 77478.



HPLC AUTOSAMPLER

Sonnetek offers autoinjection and column switching in the Promis HPLC autosampler. The autosampler has microliter pickup, a cooled-tray provision, two extra pneumatic valves for on-line switching and pre-column derivization. Contact: Sonnetek Inc., PO Box 8589, Woodcliff Lake, NJ 07675.



TANKS

Nalgene polypropylene tanks are designed to withstand high temperatures, environmental-stress cracking and chemicals such as HCl and H₂SO₄. Cylindrical tanks come in 5- to 360-gal capacities; rectangular tank capacities range from 2 to 90 gal. Fiberglass-reinforced polyester casings are available. Contact: Nalge Co., 75 Panorama Creek Dr., PO Box 365, Rochester, NY 14602.

SPECTROMETER

Perkin-Elmer's ICP/6500XR plasma emission spectrometer is designed to determine up to 20 elements/min in a variety of sample matrices and to allow analysis in the 160-900 nm range in acid and basic media. The

system controller is the Perkin-Elmer series 7000 professional computer with expanded random access memory. Contact: The Perkin-Elmer Corp., 761 Main Ave., Norwalk, CT 06859-0012.

FLAME DETECTOR

Hewlett-Packard offers a flame photometric detector (FPD) for the HP 5890 A gas chromatograph. The FPD provides selective detection of sulfur to 20 picograms/sec; phosphorus sensitivity is 0.9 picograms/sec. The detector with make-up gas includes adapters for 1/4" glass, 1/8" metal and 100-530 micron capillary columns. Contact: Hewlett-Packard Co., 1820 Embarcadero Rd., Palo Alto, CA 94303.

FLOWTESTER

The CFT-500A flowtester by Shimadzu measures the rheological properties of various materials. It measures and provides a printout of temperature, pressure, die dimensions and flow rates. It also can compute shear stress, shear rate and viscosity. Contact: Shimadzu Scientific Instruments Inc., 7102 Riverwood Dr., Columbia, MD 21046.

SPECTROPHOTOMETER

The 1100 atomic absorption spectrophotometer features automatic control of gas flows, wavelength, slit and lamp recognition through software and a built-in video display. It allows for flame sample determinations, graphite furnace application or mercury/hydride analysis. Contact: Perkin-Elmer Corp., 761 Main Ave., Norwalk, CT 06859-0012.

CAPILLARY COLUMN

The triglyceride analysis phase (TAP) gas chromatography capillary column is designed to analyze food oils and fats at temperatures to 360 C. The TAP column resolves components with the same carbon number but different degrees of saturation. Contact: Chrompack Inc., 1130 Rte. 202 S., Raritan, NJ 08869.