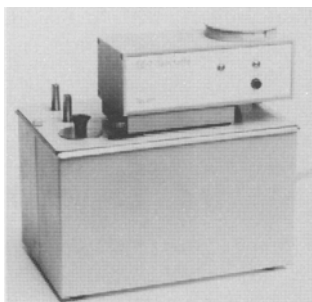
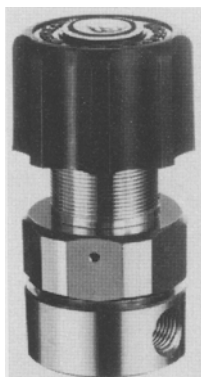


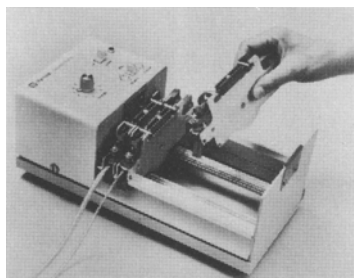
# New Products



• Techne has introduced its Model SP670 Open Tank Circulator with a temperature range of 0/95 C with control within  $\pm 0.02$  C. The \$550 instrument was designed as a small, low-cost, compact, constant temperature circulator. Information: Techne Inc., 3700 Brunswick Pike, Princeton, NJ 08540.



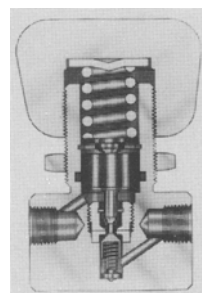
• Texcom 44-2200 series regulators are designed to prevent contamination of high purity systems and to provide accurate regulation of any corrosive or noncorrosive gas or liquid. Information: Lindsay Wallace, Fluid Systems Division, Tescom Corp., 2600 Niagara Lane North, Minneapolis, MN 55441.



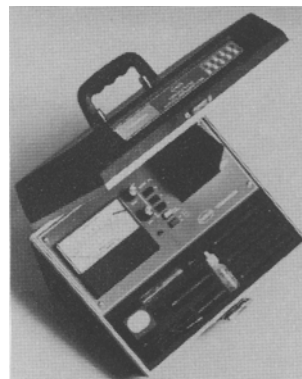
• Manostat's multichannel Cassette Pump can handle up to 20 channels with one basic drive unit. The unit has solid state control to provide constant flow and infinitely variable pumping rates with no variation from forward to reverse, the firm says. Information: Monostat Corp., 519 8th Ave., New York, NY 10018.

• Columbia Scientific Industries Corporation is marketing its Accelerating Rate Calorimeter (ARC), which the firm says can provide rapid and accurate thermal evaluation

of dangerous or hazardous exothermic materials. A 5 to 10 gram sample is gradually heated until thermal runaway is achieved. The ARC provides a time, temperature and pressure profile of the reaction. Details: Columbia Scientific Industries Corp., PO Box 9908, Austin, TX 78766.



• Circle Seals Control's PROI series one-eighth inch miniaturized pressure regulators provide outlet pressures to 800 psi on systems with inlet pressures to 3,000 psi. Details: Circle Seal Controls, PO Box 3666, Anaheim, CA 92803.



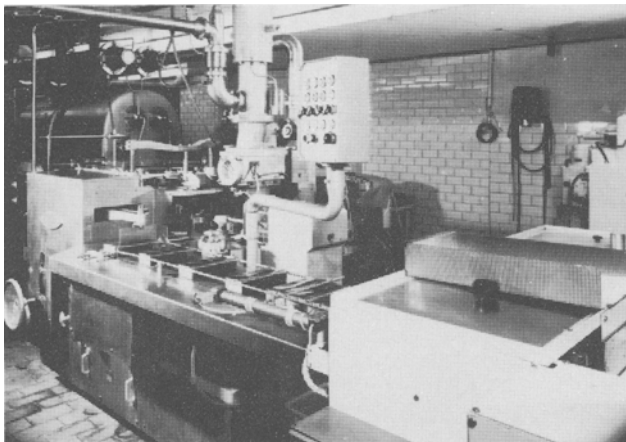
• Hach Chemical Company says its new self-contained nephelometer, the PortaLab Turbidimeter, can be operated on rechargeable nickel cadmium batteries or standard 110 AC power. Readings are available within five seconds from the 10-pound instrument. Information: Hach Chemical Co., PO Box 389, Loveland, CO 80537.

• Dayco Corporation's Daylon TR general purpose hose offers temperature resistance of up to 200 F. The constant pressure hose has a working psi of 1,000 and is available in 5/16-, 3/8-, and 1/2-inch ID. Information: Dayco Corp., 333 W. First St., Dayton, OH 45402.

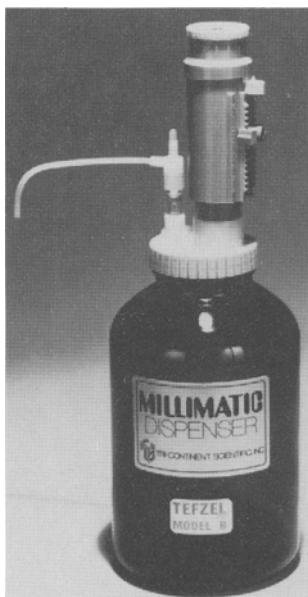
• American Lewa has a new super-pressure, diaphragm-type metering pump made of high-strength, special steel capable of operating at pressures up to 50,000 psi. The HM-2 type pump has a variable speed drive and two diaphragm heads. Information: American Lewa Inc., 11 Mercer Road, Natick, MA 01760.

• Research Devices has developed a new photography system using 3 1/2" x 4 1/4" Polaroid Land Film to permit infrared photography of such diverse samples as silicon-

integrated circuits using transmitted illuminated; IR emission from semiconductors, lasers, LEDs, and power devices; and infrared fluorescence of organic materials, dyes and pigments, and tissue culture morphology with non-actinic illumination. Details: Research Devices Inc., 616 Springfield Ave., Berkeley Heights, NJ 07922.



● Len E. Iverson is offering the Benhil 8346 fully automatic, high-speed filling and wrapping machine to handle margarine, butter, lard, shortening and other edible fats in package sizes from one to five pounds. The wrapper is formed with a plunger before product filling. Up to 30 five-pound packages or 50 one- or two-pound packages can be filled per minute. Information: Len E. Iverson, Inc., 3100 W. Green Tree Road, Milwaukee, WI 53223.



● Tri-Continent Scientific Inc. is offering a reagent dispenser with a new concept in volume selection, the Millimatic. A 14 position major scale coupled with a 10 position Vernier scale offers 140 precalibrated dispensing volumes. Information: Tri-Continent Scientific Inc., 12933 Lakeshore No., Auburn, CA 95603.

● Thermal Processes has a new full-color brochure on a new line of fluid bed combustor systems that describes their applications and possible fuel savings in a variety of applications. For copy: Thermal Processes Inc., 507 Willow Springs Rd., LaGrange, IL 60525.

● Groen Division/Dover Corp. is marketing continuous whey concentration systems for use at the cheese plant

level. The system can concentrate raw whey up to 30 percent solids in a single pass, the firm says. The system is known as the Groen Model 6E-372-R3 Six Tube Rising Film Concentrator. Information: Groen Division/Dover Corp., 1900 Pratt Blvd, Elk Grove Village, IL 60007.

● General Electric Research and Development Center says the clear, colorless industrial compound poly(perfluoropropylene oxide) can provide easy and accurate calibration of mass spectrometers for analysis of molecules in the mass range of 31 to 3,000 atomic mass units. Information: General Electric R&D Center, PO Box 8, Schenectady, NY 12301.

● Instron's Model XL elastomeric extensometer will adjust to gage lengths of 1 inch and one-half inch and will accommodate up to 10 inches of sample displacement. The unit may be used to test samples through rupture without damaging the extensometer or disrupting test routines, Instron says. Details: Instron Corp., 2500 Washington St., Canton, MA 02021.

● Gelman Instrument Co. says its Alpha Metrical disc membrane filters can now be used safely to filter benzyl alcohol, methylene chloride, and, to a limited extent, pyridine. Information: Gelman Instrument Co., 600 S. Wagner Rd., PO Box 1448, Ann Arbor, MI.

● Barnstead's second-generation Nanopure Reagent Grade Water System has a unique digital purity meter and a redesigned recirculating/distribution pump. The purity meter provides readings automatically temperature-corrected to 25 C. Information: Barnstead Co., 225 Rivermoor St., Boston, MA 02132.

● Tuthill Pump Co. of California has announced its new Model 9057-P magnetically coupled gear pump featuring twin pump construction with a pump head mounted on each end of a driving motor. Each pump separately has a capacity of up to 31 gph and can produce pressures to 80 psi. Information: Tuthill Pump Co., 2935 Kerner Blvd., San Rafael, CA 94901.

● Durkee Industrial Foods Group/SCM Corp. has introduced three new polyglycerol esters for use as emulsifiers in the food industry. Durkee 3-1-SH is a plastic for use in icings and icing shortenings or as an aerating agent; Durkee 8-1-0 is a liquid viscosity reducer in high protein systems; and Durkee 8-1-S is a solid that can be used as a whipping agent or as a polysorbate replacer. Details: Durkee Industrial Foods/SCM Corp., 900 Union Commerce Building, Cleveland, OH 44115.

● Drew Chemical Corp. has a new coatings additive, Drewfax 12-540, to provide mar-resistance to baked industrial coatings. The additive also improves slip, resistance to metal marks and polish resistance, Drew says. Information: Drew Chemical Corp., One Drew Chemical Plaza, Boonton, NJ 07005. ●

## Christmas Seals Fight Lung Disease

