

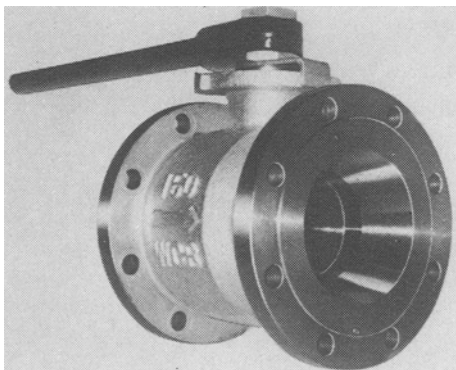
# New Products

**Forma Scientific** has announced development of its Model 8107 6.7 cu. ft. Chest Bio-Freezer designed for lab work. Operating temperature of -86 C is guaranteed in a 85 F ambient. Information: Forma Scientific Inc., P.O. Box 649, Marietta, OH 45750.

**Analabs** is offering two even-carbon fatty alcohol standard kits. One kit contains 25 mg each of 10 common even-carbon saturated alcohols. The second kit holds 10 mg for each of 10 unsaturated alcohols. Information: Analabs, Inc., 80 Republic Drive, North Haven, CT 06473.

**S.J. Controls, Inc.**, has announced development of a new solid state electronic scaler using a system of multiplier/divider circuits to combine reliability of a turbine-type flowmeter with the accuracy of a positive-displacement system, the firm says. Designed for use to 40 gpm, the system sells for under \$900. Information: S.J. Controls, Inc., 2815 Juniper Ave., Long Beach, CA 90806 (tele: 213-426-6033).

**Industrial Instruments Division of Barber-Colman Company** has introduced two controllers: Model 658 current-to-position converters and Model 659 resistance-to-position converters. The controls provide proportional control action when utilized with low, medium, and high torque electric actuators having feedback signals, the firm says. Information: James Wolf, Barber-Colman Company, Industrial Instruments Division, 1751 Rock St., Rockford, IL 61101.



**Marwin International Operations Ltd.** is marketing a precision ball valve that includes a special fire-safe design: if the gland seal material burns out, the ball will seal against a special lip inside the ball casing to prevent leaks. Information: Marwin International Operations Ltd., Barkby Road, Leicester LE4 7LL England (tele: 0533-760181).

**National Instrument Company** is marketing its new "Filamatic Mini-Filler," and air-operated filling module, that can dispense preset volumes of any flowable liquid or semiliquid product, with or without particulate matter, from 1 cc to 250 cc per cycle, the firm says. The discharges, at up to 60 per minute per nozzle, may be activated by a mechanical, electrical, photo-electric or air-operated switch. Information: National Instrument Company, Inc., 4119 Fordleigh Road, Baltimore, MD 21215.

**Norton** has produced an eight-page brochure describing its Tygon flexible tubing. Copies are available from Commercial Plastics & Supply Corp., Dept. D, 1642 Woodhaven Dr., Cornwells Heights, PA 19020.



**Reynolds Metal Company** has introduced Reynolon SPOW (Stretch Pallet Overwrap), a 75 gauge polyvinyl chloride film, for application to loaded pallets while under tension. Information: Reynolds Metal Company, P.O. Box 239, Brookfield, IL 60513.

**Nalco Chemical Company** is marketing a new series of starch and coating additives. The products include Nalco 8652 calcium carbonate and clay dispersant, Starch STaB 8656 starch stabilization chemical, 7607 starch cationization chemical and several antifoams and preservatives. Information: Nalco Chemical Co., 2901 Butterfield Road, Oak Brook, IL 60521.



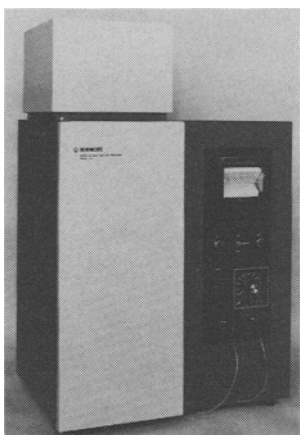
**Quantum Science Ltd.** is offering a compact, portable flowmeter that uses a single unit to make readings on rate of flow, total flow, maximum flow, and the number of times a pre-set limit has been exceeded. The device measures industrial effluent discharge rates in U.S., Imperial, or metric units equivalent to 0-36 U.S. gallons per hour up to 0-34 million U.S. gallons a day. Information: Roy Jenkins, Quantum Science Ltd., 27 St. George's Road, Cheltenham, Glos. GL50 3DT England.

**Laboratory Data Control** has developed a new isochronic HPLC system and a new gradient HPLC system. Data sheets on either system are available from: Laboratory Data Control, Box 10235, Riviera Beach, FL 33404 (tele: 305-844-5241).

**Lab Fabricators Co.** has introduced an energy-saving, self-cleaning laboratory fume hood that draws make-up exhaust air from a supplementary outside source. The firm says the hood face design draws only 30 percent of needed air from the room. Information: Lab Fabricators Co., 1802 E. 47 St., Cleveland, OH 44103.

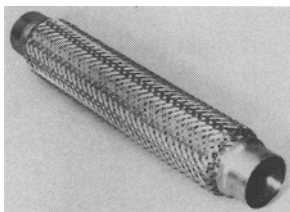


**GAF** is offering free copies of a new 12-page filter product catalog that includes product illustrations, descriptions and applications. Typical applications are in filtration of adhesives, aerosol products, chemical, cleaning fluids, detergents, dyestuffs, foodstuffs, industrial coatings, lacquers, latices, paints, pharmaceuticals, vegetable oils, waxes, and similar products. For a free copy of Filter Catalog 9645-035, write: Filter Products, GAF Corp., 3 Glenville Road, Greenwich, CT 06830.



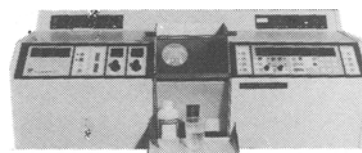
**Ionics, Inc.**, Instrument Division is producing its LAB/1200 series of automatic analyzers for laboratory measurement of TOC, TOD, and TC. The analyzers, with prices starting at \$5,900, include digital electronic sequence for automatic unattended operation, automatic zero function to eliminate base line drift, all-ceramic sample injection valve, and rapid response times. Information: Ionics, Inc., Instrument Division, 65 Grove St., Watertown, MA 02172.

**Arbor Laboratories, Inc.**, has announced production of seven new high performance electronic top-loading balances. The newest .001 g balance, Arbor's 106, is priced at \$2,195. The new models expand Arbor's lines to 16 instruments spanning weighing requirements from 0 to 5000 g with sensitivities as low as .001 g. Information: F.P. Conlan, Arbor Laboratories Inc., 3784 Fabian Way, Palo Alto, CA 94303 (tele: 415-494-8282).



**Dayco Corp.** is marketing high pressure metal hose of annular corrugated construction with external wire braiding. Sizes range from one-quarter inch through 18-inch ID in continuous lengths up to 12 feet. Information: Dayco Corp., Flexible Metal Hose Manufacturing Co., 333 W. First St., Dayton, OH 45402.

**Parr Instrument Company** is making available free its Bulletin 4547, a 28-page catalog on reactors and pressure vessels. Write to: Parr Instrument Company, Moline, IL 61265.



**Varian Associates** has introduced its new AA-375 series Double/Single Beam Atomic Absorption Spectrophotometers featuring touch button keyboard front panels. The series includes all-reflective, quartz coated optics, and advanced digital processing of photometric data. Information: Varian Instrument Division, 611 Hansen Way, Palo Alto, CA 84303 (tele: 415-493-8100, Ext. 3201).

**Perkin-Elmer** has introduced its Model 340, a micro-computer controlled double-beam monochromator UV-VIS-NIR spectrophotometer. The instrument has a spectral range of 190 nm to 2,600 nm with a background corrector as standard. A microcomputer programs and monitors all functions of the instrument; manual control may be regained when required. Information: Perkin-Elmer Corp., Instrument Division, Main Avenue, Mail Station 12, Norwalk, CT 06856 (tele: 203-762-1000).

**New bulletins or brochures on indicated products:** "The Pall Cleanable Filter Guide," Bulletin PSS 700, Pall Trinity Micro Corp., Cortland, NY 13045. . . . Ajax Magnethermic Corp. has available a four-page brochure on induction heating for chemical industry processes; write to Ajax Magnethermic, Department VH, 1745 Overland Ave., Warren, OH. . . . A four-page folder (PY-10) on Rotaflo stopcocks is available from Corning Science Products, Corning Glass Works, Corning, NY 14830. . . . A 156-page pocket size Handbook of Chemicals is available from LaPine Scientific Co., 6001 S. Knox Ave., Chicago, IL 60629. . . . Stepan Chemical Co., Surfactant Department, Northfield, IL, is offering its new surfactant fact file on 12 classifications of surfactants. . . . Nalco Chemical Co., 2901 Butterfield Road, Oak Brook, IL 60521, is offering bulletin PC-1, on its emulsion breaking programs. . . Torbal Balance Co., 125 Ellsworth St., Clifton, NJ 07012, has available a four-page brochure on Torbal TB electronic balances. . . Hach Chemical Co., P.O. Box 907, Ames, IA 50010 offers a folder entitled "Digital Titration is Here" about the firm's Model 16999 digital titrator. . . De Laval Separator Co. has published a brochure on its affiliate, Sullivan Systems, Inc., specialists in chemical process, plant design and engineering for the fats and oils and meat processing industries; write Edward G. Bahret, vice president and general manager, Sullivan Systems Inc., 55 Main St., P.O. Box 158, Tiburon, CA 94902. . . De Laval also is offering a booklet, "How to Turn Dirty Oil into Money" on its oil purifying centrifuges; write: Advertising Department, De Laval Separator Co., Poughkeepsie, NY 12602. . . Analabs, Inc., 80 Republic Drive, North Haven, CT 06473, is offering complimentary copies of "Optimization of Gas Chromatography Resolution," a technical article by Eli Grushka, Department of Chemistry, State University of New York at Buffalo. ●

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