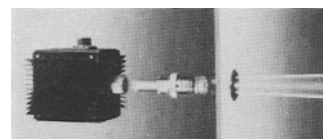
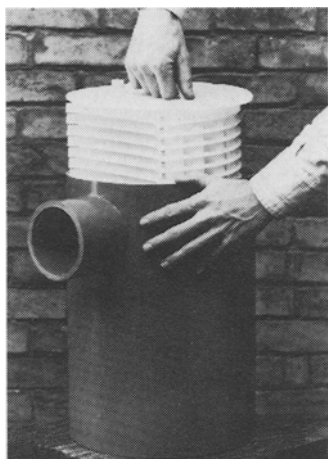


# New Products



• General Equipment and Manufacturing Co. is producing a multi-purpose filter for liquid reclamation and liquid waste effluent treatment. The system filters out particulates above 0.0625 in. Information: General Equipment and Manufacturing Co., Inc., 3300 Fern Valley Rd., Louisville, KY 40213. (tele: 502-969-2386).

• Lab-Line Instruments has a new Autoflash for determining flash points by the Pensky-Martens closed cup method specified in ASTM D93-IP34. The device uses push-button controls and determines flash points up to 400 C. Information: Lab-Line Instruments Inc., 15th & Bloomingdale Aves., Melrose Park, IL 60160.

• Perkin-Elmer has introduced its Model 500 Automated Atomic Absorption Spectrophotometer, capable of determining up to six elements in as many as 50 samples without operator attention. Information: Perkin-Elmer Corp., Instrument Division, Main Ave., Norwalk, CT 06856 (tele: 203-762-1000).

• Bailey Meter Co. is marketing its Bailey 7000 Test Set, a portable unit for calibration and testing of all Bailey 7000 line instrumentation. The unit may be used to simulate and to measure outputs from transmitters which produce dc voltage or current signals. Information: Bailey Meter Co., Wickliffe, OH 44092 (tele: 216-943-5500).

• Schoeffel Instrument Corp. has developed its MM 700 Memory Module for automatic baseline correction for incorporation into a variable wavelength HPLC detection system. Information: Schoeffel Instrument, 24 Booker St., Westwood, NJ 07675 (tele: 201-664-7263).

• R.J. Hamer Ltd. is marketing Rustec, a primer paint that protects nonrusted surfaces and, when applied to rusted areas, transforms rust in a noncorrosive organic complex that prevents further rusting. Information: R.J. Hamer Ltd., Miles Road, Mitcham, Surrey CR4 3YB England.

• Theall Engineering Co. has developed a linear-log temperature programmer for use in research labs to control and to program temperatures in catalytic reactors, furnaces, and ovens. Information: Theall Engineering Co., Box 362, Oxford, PA 19363 (tele: 215-932-3488).

• Thermatronics Corp. has designed a series of infrared panel heaters with a maximum panel temperature of 1200 F. A typical mode, 6 ft x 12 ft, has a rating of 18,000 watts on 480/240 three phase power. Information: Thermatronics Corp., 29 Dwight Place, Fairfield, NJ.

• J.M. Canty Associates has introduced its HYL-80 Pressure Chamber Light to transmit light across a barrier through a small opening in pressure vessels, chamber, autoclaves, and similar devices, permitting servicing of the light sources outside the chamber. Information: J.M. Canty Associates, 117 Cornwall Ave., Tonawanda, NY 14150.

• C.N. Wood Mfg. Co. is marketing a differential refractometer with separate light source and a constant-temperature cell chamber. Using a separate light source eliminates heat transfer in constant-temperature studies, the firm says. Information: C.N. Wood Mfg. Co., Newtown Industrial Commons, Newtown, PA 18940 (tele: 215-968-4268).

• Nalco is marketing its Nalco 8152 coagulant aid designed for use in water systems where the floc is not dense enough to settle, providing raw water clarification in low turbidity systems or in wastewater clarification. Information: Nalco Chemical Co., 2901 Butterfield Rd., Oak Brook, IL 60521.

• The Bendix Environmental and Process Instruments Division is offering a kit that includes precision monitors for noise, hazardous gases, vapors, and dusts. The kit includes Bendix ADS-3000 for noise, Bendix/Gastec gas detector, and Bendix Super Sampler System for dusts and vapors. Information: S.J. Fusco, National Environmental Instruments, Inc., PO Box 590, Warwick, RI 02888.

• W.R. Grace & Co. has announced a new, experimental water-soluble, cationic polymer for precipitating and flocculating anionics and minerals from liquid solutions. The polymer, DAXAD CP-1, acts as a highly cationic flocculent where solid-liquid separations are required. Information: Organic Chemicals Division, W.R. Grace & Co., 55 Hayden Ave., Lexington, MA 02173.

• PCR Research Chemicals Inc. has announced availability of trimethylsilyl iodide, a reagent which the firm says dealkylates esters and ethers under neutral conditions and converts alcohols to iodides. The reagent is available in research quantities of 10 g and 50 g. Information: PCR Research Chemicals, Inc., PO Box 1778, Gainesville, FL 32602.

• Teledyne Energy Systems has introduced a family of hydrogen gas generators for laboratory and pollution applications. Generators can operate for two to seven days with no required maintenance. Information: Teledyne Energy Systems, 110 W. Timonium Rd., Timonium, MD 21093 (tele: 301-252-8220).

• Zenith Products Co. is producing rotary gear pump systems with digitally controlled drives for precise process metering of fluids. The systems are positive displacement providing pulseless flow rates, repeatable to better than 1%, the firm says. Information: Zenith Products, 432 Cherry St., West Newtown, MA 02165 (tele: 617-244-1707).

• Varian Associates Vacuum Division has introduced a cryopump incorporating a built-in valve mechanism designed specifically to meet requirements of vacuum processes. The VK-12 pump combined performance of

larger diffusion pump systems with contamination-free operation of smaller ion pumps, the firm says. Information: Varian Associates, Vacuum Division, 611 Hansen Way, Palo Alto, CA 94303.

- Atlas Pumps has introduced its Model 500-CV pump in 316 stainless steel, designed for compactness. The new model has a setting of 19 in., a capacity of 6 gpm at 30 psi. Information: Atlas Pumps, 1703 East End Ave., Chicago Heights, IL 60411.

- Delkor Industries Inc. is marketing its automatic case set-up and bottom sealer, Model GS, and a semi-automatic bag inserter, Model B1, that can be coupled with the set-up unit. Automatic case set-up can be adjusted to fit any size cases at speeds up to 15 cases per minute; the semi-automatic bag inserter runs at 10 cases per minute. Information: Delkor Industries, 2930 Talmage Ave. SE, Minneapolis, MN 55414.

- Glidden Coatings & Resins has developed a three-product vinyl coating system to protect against strong acids, alkalis, and other chemicals. Involved are Glid-Guard Vinyl Cote Red Primer No. 5521, High Build White No. 5522, and Enamel White No. 5223. Information: Glidden Maintenance Coatings, 900 Union Commerce Bldg., Cleveland, OH 44115.

- Spirec's new heat exchanger features a unique design using corrugated stainless steel rolled into a spiral to permit high heat transfer coefficients with a U factor above 1,000 BTU/hr per square foot of heat exchange surface. Information: Spirec Division, Portescap US, 730 Fifth Ave., New York, NY 10019.

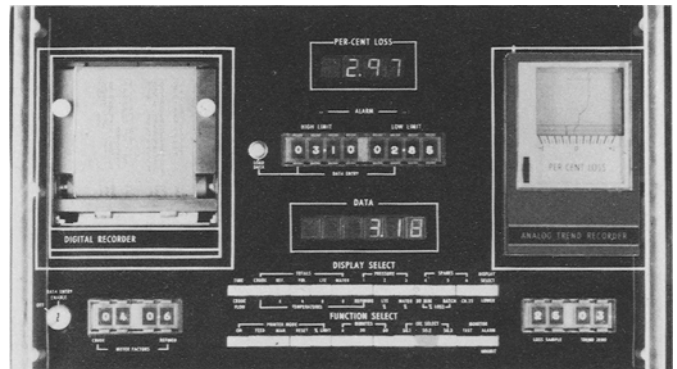
- Manostat is offering an analytical balance inside a clear plexiglass glove box to permit weighing accuracy protected from the outside environment. Information: Manostat Corp., 519 Eight Ave., New York, NY (tele:

212-594-6262).

*Literature available:* Supelco has published its 1978 catalog, a 140-page compilation of the firm's chromatography supplies. Catalog 12 is available from Supelco Inc., Supelco Park, Bellefonte, PA 16283 . . . Varian's 104-page Catalog 19 on chromatography equipment and supplies also is available; write: Gene Peterson, Varian Instrument Division, 611 Hansen Way, Palo Alto, CA 94303 . . . Perkin-Elmer's LC Bibliography Update Service is described in an eight-page brochure (No. LCBU-1) available from Perkin-Elmer Corp., Instrument Division, Main Avenue, Mail Station 12, Norwalk, CT 06856 (tele: 203-762-6853). Annual subscription costs for the updates is \$27 per topic per year . . . Perkin-Elmer brochure on "Preparing Your Laboratory for Perkin-Elmer Atomic Absorption Spectrophotometers" is available by writing Perkin-Elmer Corp., Instrument Division, Main Avenue, Mail Station 12, Norwalk, CT 06856 . . . Monsanto has a technical bulletin of Therminol trademarked VP-1 vapor phase heat transfer fluid; write Monsanto Industrial Chemicals Co., Dept. 133, 800 N. Lindbergh Blvd., St. Louis, MO 63166 . . . The Ames Laboratories Inc. has a new catalog listing 400 high purity intermediates; write Ames, 200 Rock Lane, Milford, CT 06460 . . . Automated Controls & Systems has a package of material available on a new type of heat exchanger, the Hovel Plate Heat Exchanger, developed in Liechtenstein; write: Automated Controls & Systems, Inc., 500 E. Higgins Rd., Elk Grove, IL 60007 . . . Instron Corp. technical bulletin IC-3-48(F) on Model 3211 capillary rheometer is available from Instron Corp., 2500 Washington St., Canton, MA 02021 . . . Wilks has a 14-page brochure, "Miran-80 Computing Quantitative Analyzer," describing various applications of the device; write Foxboro/Wilks Inc., PO Box 449, South Norwalk, CT 06856; please give the brochure title. ●

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