

New Products

- Alltech Associates is marketing an amino acid analysis kit containing the equipment necessary for about 100 analyses. Up to 24 trials can be made in an 8-hour period, according to Alltech. Contact: Alltech Associates, Inc., 202 Campus Dr., Arlington Heights, IL 60004.

- A system designed for OSHA filter weighing to determine levels of airborne contaminants is available from the Cahn Instrument Co. This system comprises a Hewlett Packard programmable calculator with a Binary Coded Digit (BCD) interface, a software package, a Cahn Series 20 electrobalance and the interconnect cables. Contact: Cahn Instruments, 16207 Carmenita Rd., Cerritos, CA 90701.

- Orion Research announces the model 811 microprocessor for automated pH measurement. The 811 contains a memory for the National Bureau of Standards' buffer values as a function of temperature, and the Digital display readings are precise to 0.001 pH units, the company says. Contact: Susan Lichtenstein, Orion Research, 380 Putnam Ave., Cambridge, MA 02139.

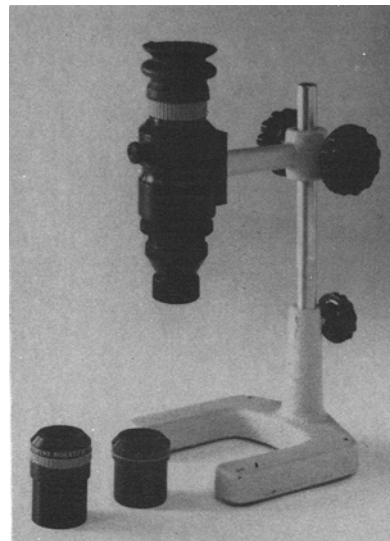
- Scientific Gas Products' development of a smooth, 4-liter packaging for gas mixtures facilitates buying small quantities of gases. The mixtures are dispensed from an aerosol-type nonreturnable container and range in concentration from 0.1% to 50% in any combination of binary components. Mini-cal gas mixtures are priced at \$12 per unit for standard mixtures. Contact: Scientific Gas Products, Inc., 2330 Hamilton Blvd., South Plainfield, NJ 07080.



- A dual piston, constant volume pump for HPLC has been introduced by the Schoeffel Instrument Division of Kratos. The company reports precise control of flowrate from 0.1 to 9.9 ml/minute with accuracy of better than 1% and operating pressures of up to 6000 pounds per square inch (psi). The pump is designed to be used with almost any solvent system without limiting the performance of the unit. Contact: Kratos Inc., Schoeffel Instrument Div., 24 Booker St., Westwood, NJ 07675.

- The Union Carbide Corp. is offering a bulletin on the formulation of shampoos with Ucare Polymers JR and LR. Graphs for assisting in the manufacture of clear shampoos are given for four typically used surfactants. For copies of the bulletin F-47264, contact Union Carbide Corp., UCARE Polymers, Dept. JLS, 19th Floor, 270 Park Ave., New York, NY 10017.

- Edmund Scientific's Direct Measuring Microscope features color-corrected optics and a straight-through image erector. It is a portable unit with 4X, 10X and 20X magni-



fications. The 10X recticle is graduated 0 to 0.4" in 0.0005" divisions, and the 20X recticle is graduated 0 to 0.2" in 0.0025" divisions. Focusing is rack and pinion. Priced at \$139.95. Contact: Edmund Scientific, 7782 Edscorp Bldg., Barrington, NJ 08007.

- Buffer salts formulated for field calibration of industrial pH sensors and control equipment are available from ERC/LANCY. The buffers are reported by the company to be stable, storable, and easily transported. This calibration product is available at four levels: pH 3.4, 4.0, 7.0, and 10.0. Contact: ERC/LANCY, 525 West New Castle St., Zelienople, PA 16063.

- Kodak is marketing a potentiometric slide technology for measuring electrolyte concentrations in blood serum. This slide has a silver/silver chloride electrode for sample deposition and a second identical electrode for reference material with a bridge completing the circuit. The slide is designed to be self-containing and disposable. Contact: Eastman Kodak Co., 343 State St., Rochester, NY 14650.

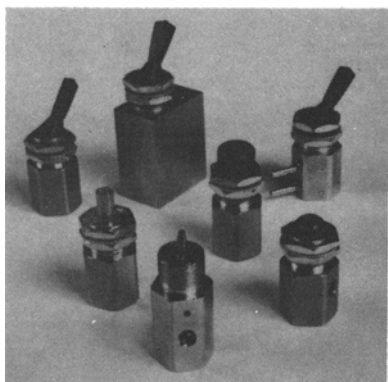
- Corning's Model 135 pH/ion meter offers self-diagnoses and direct readout of concentration in any unit of scientific notation. Memory capability allows storage of calibration points for several modes of operation: pH, mV, direct concentration (activity) and others. Contact: Corning Glass Works, Nancy Y. Suey, Corning, NY 14830.

- A digital Universal Timer with automatic reset repeats a selected time value indefinitely and is available from Beckman Instruments Inc. The Timer has a setting range from 0.1 second to 99 minutes, 59.9 seconds, and a 2-second signal sounds when the indicator reaches "0" from any setting. Appliances are controlled through two separate outlets. Contact: Beckman Instruments Inc., Science Essentials Operations, PO Box 6100, Anaheim, CA 92806.

- The Devcon Corp. is introducing Flexane BRK, a repair kit for conveyor belts which cures at room temperature in 2-4 hours. Flexane BRK is a urethane material containing no solvents or diluents. It has a hardness grade of 60. Contact: Devcon Corp., Endicott St., Danvers, MA 01923.



• Prater/Bauermeister has developed a Universal Mill for fine grinding featuring an electronic door locking system. The mill door will not open while the mill shaft is rotating; after a pre-set time (3-15 sec), the electric magnet disconnects. Contact: Prater/Bauermeister Inc., 1515 S. 55th Court, Chicago, IL 60650.



• A line of miniature valves is being supplied by Industrial Specialties Inc. The valves include 1/16" diameter barbed ports, 10/32" threaded ports, and 1/8" pipe threaded ports. The company reports working pressure from 0 to 150 psi and temperature range of -30 to 250 F. These valves are machined from solid brass. Nuts and lock washers are included. Contact: Industrial Specialties, 1390 E. Quincy Ave., Englewood, CO 80110.

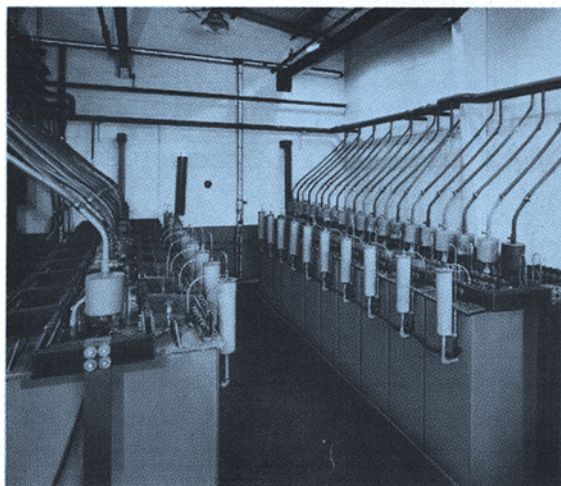
• Sandvik says its Double Belt Cooling System triples the capacity throughput of the single belt unit while cutting floor space requirements by 1/3. The system may be used in food processing applications and for chemical products. An added benefit of the double belt system is its use in cooling both sides of some resins and waxes which tend to buckle, Sandvik says. Contact: Sandvik Conveyor Inc., Allendale, NJ 07401.



• Sys-Tec Inc. announces the microprocessor-based SLIC-1400 Interactive Controller designed to automate all HPLC applications. A preprogrammed cassette tape simultaneously controls variable flow rate, solvent gradient, autoinjector, variable wavelength UV or fluorescence detector, waste valve, fraction collector and other components. The SLIC-1400 features a keyed function keyboard and user memory of 1,000 steps. Contact: Roy Henderson, Sys-Tec Inc., 877 Third St. SW, New Brighton, MN 55112.



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