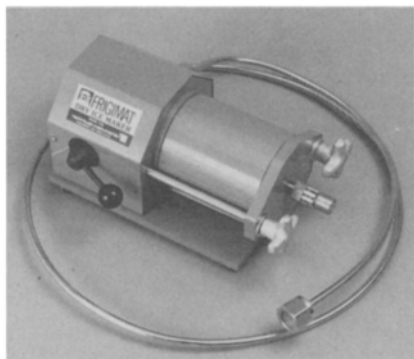

New Products



IMMERSION PROBES

Wahl Instruments says its new Platinum-RTD thin immersion probes provide high performance at lower cost than conventional wire-wound platinum elements. The new sensors are for Wahl's microprocessor-based portable 392M digital Heat-Prober thermometer providing accuracy of ± 0.3 F at ice point and 0.5% above or below freezing. Information: Heat-Prober Division, Wahl Instruments Inc., 5750 Hannum Ave., Culver City, CA 90230 (213-641-6931).

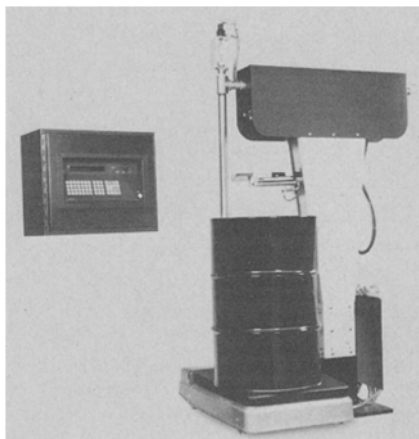
Information: Ectron Corporation, 8159 Engineer Road, San Diego, CA 92111 (714-278-0600).

SHEAR-BEAM LOAD CELL

Revere Corporation's SSB load cell is designed for use in washdown areas and corrosive/acidic atmospheres. The cell is available in 1,000, 2,000, 5,000 and 10,000 pound capacities for platform scales and materials processing and testing equipment. Information: Revere Corporation of America, 845 North Colony Rd., PO Box 56, Wallingford, CT 06492 (203-269-7701).

DRY ICE MAKER

Technilab Products is offering its Frigmat Dry Ice Maker Model 378 which the firm says can produce 16-ounce solid blocks of dry ice every three to five minutes. The device comes equipped with a 6-foot nickel-plated copper connecting tube with standard threaded couplings for attachment to LCO₂ cylinders. Smaller capacity units also are available. Information: Technilab Products, Inc., Pequannock, NJ 07440 (201-694-0500).

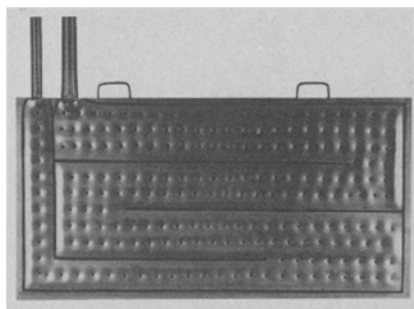


ELECTRONIC DRUMFILLER

Toledo Scale says its new custom-built Drumfiller 9118 system operates with a filling accuracy of $\pm 0.3\%$, using a scale that is accurate to $\pm 0.1\%$ of container capacity of \pm one gradation. The system can fill a 55-gallon drum in 50 seconds or less, the firm says, permitting filling of up to 60 drums per hour. An optional printout system provides summary reports including net weight, tare weight, drum count, product identification and time and date (American and European format). Filling speed sequences may be varied. Information: Toledo Scale, 60 Collegeview Rd., Westerville, OH 43081.

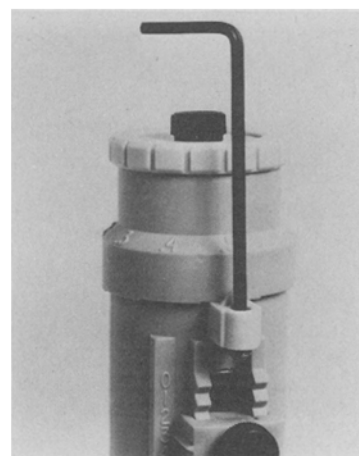
HPLC FRACTION COLLECTOR

ES Industries is offering a microprocessor-based, programmable fraction collector for both preparative and analytical HPLC. The firm says its ES-100 is adaptable to any liquid chromatographic system and offers flexibility for automating sample injection and selecting collection modes. Information: ES Industries, 8 S. Maple Ave., Marlton, NJ 08053 (609-983-3616).



HEAT TRANSFER UNITS

Dean Products says its Panelcoil 900 heat transfer products are available in a variety of materials and can be used in a wide range of situations. The units consist of two metal sheets that are first resistance welded in a controlled format and then expanded hydraulically. The resultant flow paths provide passages for fluids. The units can be rolled into cylinders or formed into U sections. When both sheets are the same thickness, 'pillows' of expanded areas are visible on both sides; when of varying thickness, the thinner side appears pillowed. Information: Dean Products Inc., 985 Dean St., Brooklyn, NY 11238 (212-789-4444).



CALIBRATED DISPENSER

Tri-Continental Scientific says its new "Micro-Cal" calibration system permits laboratories to recalibration dispensers and diluters to μ L accuracy in the laboratory. An Allen hex key can be used to adjust volume on the dispensers. Tri-Continental's Millimatics are constructed of inert fluorocarbon plastic, glass and platinum iridium. Information: Tri-Continent Scientific Inc., 12541 Loma Rica Dr., Grass Valley, CA 95945 (916-273-8389).

VOLTAGE CALIBRATOR

Ectron's Model 1120 G.P.I.B. programmable precision voltage calibrator and thermocouple simulator provide four direct current voltage ranges. The ranges are 0 to ± 19.9999 mV in 0.1 μ V steps, 0 to ± 199.999 mV in 1 μ V steps, 0 to ± 1.99999 V in 10 μ V steps and 0 to ± 11.0000 V in 100 μ V steps with 0.005% accuracy. Options include outputs for other thermocouple types.

TEMPERATURE-HUMIDITY METER

Phys-Chemical Research Corporation says its new Model B Digital Humidity Meter, designed for simultaneous measurement of relative humidity and temperature, is suited for a wide range of industrial and research applications. The unit measures humidity from 0 to 100% and temperatures from 0 to 100 C and can be used recording, remote readout or computer interfacing. Information: Phys-Chemical Research Corporation, 36 W. 20th St., New York, NY 10011 (212-924-2070).

ATOMIC ADSORPTION STANDARDS

Alfa Products has added a complete line of atomic adsorption standards in ultrapure organic solvents. The calibration standards are supplied at a concentration of 1000 ppm (W/W) metal for use in detecting trace metal in edible fats and oils and other water incompatible systems. They may be used as organometallic standards in analytical studies. Information: Alfa Products, Thiokol/Ventron Division, 152 Andover St., Danvers, MA 01923 (617-777-1870).

FILTER CARTRIDGES

American Felt & Fiber Company is offering resin bonded filter cartridges from 5 to 150 micron ratings that meet FDA regulations for use with edible oils and other food products. The filters also may be used for pre-filtration pharmaceutical applications where final filtration is often sub-micronic. Information: American Felt & Fiber Co., PO Box 951, Newburgh, NY 11550.

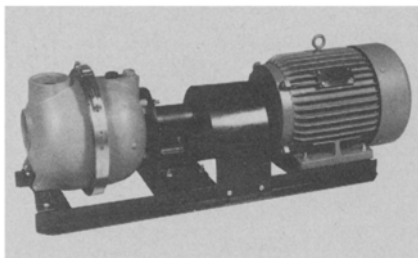
STEAM FLOW METER

Kent Process Control's Steam Flow Meter is designed to provide remote totalization by using integral contacts. The unit contains its own power supply and can be wall mounted or panel mounted. The firm says it is especially useful for central dispatch areas or where actual meter installation does not permit easy reading of the locally mounted totalizer. Information: Kent Process Control Inc., 165 Fieldcrest Ave., Raritan Center, Edison, NJ 08837 (201-225-1717).

REPLACEMENT ELECTRODES

L.G. Nester Co. is offering replacement electrodes available with US Standard, BNC, and Reference Electrode pin type plugs to fit most stan-

dard equipment. The line features epoxy bodied Dura-Probe combination electrodes in gel-filled and refillable standard models as well as a planar unit. Information: L.G. Nester Co., PO Box 666, Millville, NJ. 08332 (609-825-0254).



NEW PUMP

ASM Industries Inc. says its Pacer Pumps division has a new pump for handling solids laden liquids that will pass solids up to 1.5" in diameter. Abrasion resistant coatings are used on internal parts and the shaft seal has silicon carbide faces that are oil lubricated. Corrosion and rust resistant materials are used throughout. Pump sizes are 2" and 3" with capacities up to 360 gallons per minute. Information: Lancaster, PA 17604 (800-233-3861).



CHANNELED HPTLC PLATES

Whatman has introduced its line of Linear-K (preadsorbent) channelled HPTLC plates which the firm says eliminates the need for spotting apparatus and the time required for spotting techniques. The new plate surface incorporates an inert preadsorbent strip 2.0 cm wide along the spotting edge contiguous with the analytical area. Surfaces have a high purity silica gel applied in a uniform layer 200 μm thick with an average particle size of 4.5 μm . The plates are divided into 0.8 cm wide silica gel strips separated by a 2 mm clear glass strip to prevent cross-contamination between developing spots. Information: Whatman Chemical Separation Inc., 9 Bridewell Place, Clifton, NJ 07014 (201-773-5800).

NEW PRODUCT LITERATURE

Emery Industries has published an 8-page short-chain and coconut fatty acids booklet and another on Emery methyl esters. Write to Emery Industries, Department P, 1300 Carew Tower, Cincinnati, OH 45202. . . . A report on "The Effects of Conditioning Ingredients on the Lathering Potential of Anionic Surfactants," is available from the Organic Chemicals Division, W.R. Grace & Col, Poisson Avenue, Nashua, NH 03061. . . . "Filter Facts," a brochure on industrial filters and housings, is offered by Endustra Filter Manufacturers, 1145 Birch Dr., Schererville, IN 46375. . . . Moyno Rkl, Robbins & Myers Inc., PO Box 276, Ark Road, Lumberton, NJ 08048, has published an eight-page bulletin LAF-10 describing the company's line of pneumatically operated pinch-type control valves. . . . Milton Roy Company, Flow Control Division, 201 Ivyland Rd., Ivyland, PA 18974, has reprinted its 14-page metering pump installation brochure, the NPSH (Net Positive Suction Head) Handbook . . . Bulletin No. 304A from Fisher Scientific describes reagents and supplies for liquid scintillation counting. Contact Fisher Scientific Co., 711 Forbes Ave., Pittsburgh, PA 15219. . . . Bulletin Q-37K from Elliott Company, Market Communications Department, N. Fourth St., Jeannette, PA 15644, gives an overview of Elliott's lines of single and multistage steam turbines, centrifugal and axial compressors for air and gas processes, packaged air compressors, power recovery equipment, tube maintenance tools, gears and accessories used in the chemical and petrochemical industries. . . . Catalog AFC-82, "Automated Flow Control," describing four lines of processing valves, two lines of throttling valves plus tank and kettle valves, is available from Ladish Co., Tri-Clover Division, Kenosha, WI 53141. . . . A 32-page catalog of the American Convertors' lines of general use, shield and micro-clean limited use products can be obtained from American Convertors Industrial Products Marketing Department, 1740 Ridge Ave., Evanston, IL 60201. . . . Catalog G82 featuring laboratory instruments is being offered by Gilmont Instruments Inc., 401 Great Neck Rd., Great Neck, NY 11021. . . . A 6-page bulletin highlighting the LCM-130 Ultrasonic Level Controls is available from Process Instruments, a division of Lee Industries Inc., PO Box 480, Port Matilda, PA 16870.