

New Products

FUME REMOVAL SYSTEM

Labconco is marketing a Fume Removal System designed for use with the Labconco Rapid Digestor and other block digestors. This system has a borosilicate glass manifold with either 20 or 25 bulb eductors aligned with digestion tubes for removing corrosive fumes from acid digestions. Contact: Carol Spence, Labconco Corp., 8811 Prospect, Kansas City, MO 64132.

POCKET-SIZED HEAT PROBER

Wahl Instruments Inc. has introduced its first pocked-sized LCD readout thermocouple thermometer. The Wahl Digital Heat-Prober, which features 34 interchangeable probes and a battery-operated field calibrator, measures from 0 to 1370 C with 1° resolution. The device can measure temperature of surfaces, liquids, semi-solids, and air and gases. Information: Wahl, 5750 Hannum Avenue, Culver City, CA 90230.

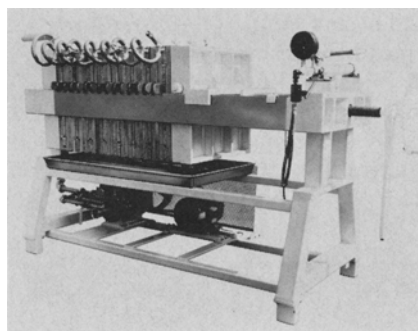
FILTER FUNNELS

Whatman Inc. is offering a new line of three-piece filter funnels constructed of borosilicate glass, with a choice of acrylic, polypropylene or PTEE interchangeable plates. Funnels are available in 7 cm and 9 cm (filter diameter) sizes; reservoir capacity ranges from 115 ml (standard) and 210 ml (optional) with the 7 cm to 200 ml (standard) with the 9 cm filters. Information: Whatman Paper Division, 9 Bridewell Place, Clifton, NJ 07014.



WET KITS

Water Dynamics Inc. has expanded its line of Wet Kits to include ammonia, chlorine, copper, iron, nitrate, nitrite, phenol, phosphate, sulfate and sulfite. The Wet Kits provide one-step procedures to screen water for common impurities. Each kit has 48 disposable reaction vials containing all the reagents for the tests, as well as necessary accessories. Information: Water Dynamics, Inc., 375 Central Ave., Bohemia, NY 11716.



FILTER PRESS

Star Systems Filtration Division has developed an experimental filter press, X Model 16-24A-SQ/SP, that features no internal ports and is designed to hold special filter media. Inlet and outlet flow passes through inlet and outlet headers, with each plate and frame acting as a separate filter. With a stainless steel pump, the machine has application in filtering enzymes or other liquids requiring extra-thick filter media. Details: Star Systems Filtration Division, Timmonsville, SC 29161.

HEAT EXCHANGER

Kargar Industries offers a new cartridge heat exchanger that uses no tubes, tube sheet or fins. It has a series of double-walled cartridges telescoped inside each other to reduce changes of fouling and virtually eliminating stress. Details: Kargar Industries, Cleveland Avenue, Marinette, WI 54143.

MICROCOMPUTERIZED INFRARED SPECTROMETER

Foxboro has introduced a microcomputerized infrared spectrometer, the Miran-980, that provides quantitative analysis of up to ten components with a single keystroke within 70 seconds. Data can be presented in any of three modes: absorbance, concentration and ratio; no external computer is required for matrix conversion. Details: Foxboro Analytical, Wilkes Infrared Center, PO Box 449, 140 Water St., South Norwalk, CT 06856.

CENTRIFUGAL MOLECULAR STILL

CVC Products has a new Lab-5 Centrifugal Molecular Still for high vacuum distillation of higher molecular weight and heat sensitive materials. Capacities range from two pounds to 2,000 pounds per hour. Information: CVC Products, Inc., Chemical Products, 525 Lee Road, PO Box 1886, Rochester, NY 14603.

ACRODISC CR FILTER

Gelman's Acrodisc CR filter prevents particulate matter from clogging orifices or forcing premature column replacement in HPLC and other sophisticated instrumentation uses. The filter resists HPLC solvents and liquids, filtering either during aspiration or dispensing. Details: Gelman Sciences, Inc., 600 S. Wagner Road, Ann Arbor, MI 48106.

PORTABLE FIBERSCOPE

Edmund Scientific's new fiberscope for industrial uses is a portable unit featuring flexible, self-illuminated metal probes. Details: Edmund Scientific Co., 7082 Edscorp Building, Barrington, NJ 08007.



CONTACTORS AND STARTERS

Allen-Bradley now offers sizes 3 and 4 contactors and starters designed for full voltage non-reversing, reversing or multi-speed application. Up to eight auxiliary contacts are accepted and the enclosed models have knockouts for adding pushbuttons, selector switches and pilot lights. Contact: Allen-Bradley Co., Marketing Services Department, 1201 S. Second St., Milwaukee, WI 53204.

HAND-HELD REFRACTOMETERS

Markson Science is offering several hand-held refractometers designed for quality control use in the food, soft drink, wine and plating industries. The refractometer requires two drops of sample. Sucrose models are available with a range of Brix percentages from 0 to 10, through 58 to 90. Clinical models offer serum protein scale of 0 to 12 g, a urine specific gravity scale of 1.000 to 1.050, and a refractive index of 1.333 to 1.360. Information: Markson Science Inc., Box 767, Del Mar, CA 92014.

ON-LINE ULTRASONIC MONITOR

Micro Pure Systems Inc. is offering an on-line ultrasonic monitor that counts

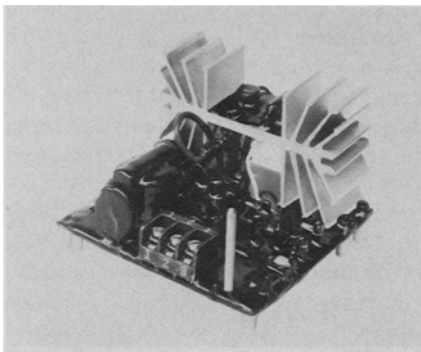
particles down to 1 micron in closed fluid systems, independent of flow rate. The unit provides LED digital readouts, as well as electrical outputs to run process controls or to connect with computers. Information: Micro Pure Systems, Inc., PO Box 914, 1986 Smith St., Providence, RI 02903.

METERING PUMP

Eldex Laboratories' Model E metering pump features an optimized cam drive and synchronous motor, providing pressures up to 1,000 psi at flow rates of 5 ml per minute. Fluid contacts only the sapphire piston, ruby ball check valves, 316 stainless steel, and inert seals. Information: Eldex Laboratories, 3551 Haven Ave., Menlo Park, CA 94025.

GEAR PUMP

Tuthill's new Model 9241 magnetically coupled gear pump is powered by a 12-volt DC motor for continuous duty to 5 amps. The unit has a capacity of 49 gph and can be used for pressures to 70 psi, handling fluids from -100 F to 250 F. Flow control can be handled by varying the input voltage with rheostats or other variable load devices. Information: Tuthill Pump Co., 2935 Kerner Blvd., San Rafael, CA 94901.



SOLID-STATE TEMPERATURE SENSORS

Barksdale Controls says its new solid-state temperature sensors are five times faster than conventional liquid filled systems. The devices can accommodate 1, 2 or 3 probes, and may be designed for hostile environments such as high humidity or vibration. Information: Barksdale Control division, Transamerica Delaval Inc., 5125 Alcoa Ave., Los Angeles, CA 90058.

LEVEL SWITCHES

Gems Sensors provides level switches in stainless steel to provide single-station, point-level detection completely outside the tank for use where access to the inside of the tank is impractical or where outside mounting is required. Information: Gems Sensors Division, Transamerica Delaval Inc., Farmington, CT 06032.

ELECTRONIC RF LEVEL CONTROL

Drexelbrook Engineering Co. is offering an all-electronic RF level control that does not require recalibration with changes of material composition, density, temperature, or other factors. The device has two sensing segments in a single element with one segment measuring level, the other sensing material composition and other conditions. A single cable connects the element to the transmitter, which may be located away from the processing environment. Information: Drexelbrook Engineering, 205 Keith Valley Rd., Horsham, PA 19044.

NEW LITERATURE

Markson Science Inc., PO Box 767, Del Mar, CA 92014, has a new 36-page catalog on pumps and accessories for laboratory use . . . Rheodyne Inc., 2809 Tenth St., Berkeley, CA 94710, has an eight-page report on the effect of various sample injection techniques on HPLC accuracy . . . Instruments SA Inc., 173 Essex Ave., Metuchen, NJ 08840, has a four-page brochure describing the firm's HPLC systems. Arthur H. Thomas Catalog of scientific apparatus and reagents provides information on more than 22,000 items in its 1,512 pages; labs that haven't received a copy should contact: Arthur H. Thomas Co., Vine Street at Third, Philadelphia, PA 19106. . . Corning offers a 24-page catalog on its "Hardliner" brand piping system, write: Corning Glass Works, Corning, NY 14830. . . The 12th edition of the Guide to Stationary Phases for Gas Chromatography is available at a cost from Analabs Inc., Foxboro Analytical, 80 Republic Drive, North Haven, CT 06473. . . Supelco Inc. has introduced a new publication, The Reporter, which the firm says will be published periodically to provide the latest information in methods and applications; free from Supelco, Inc., Supelco Park, Bellefonte, PA 16823 . . . Eriez Magnetics' latest issue of Magnetic Attractions includes reports on magnetic equipment to remove ferrous particles from process lines; available from Eriez Magnetics, Asbury Road at Airport, Erie, PA 16512. . . Fisher has a new 10 page brochure listing the firm's complete line of solvents and salts for HPLC, Brochure No. 447 A., Fisher Scientific Co., 711 Forbes Ave., Pittsburgh, PA 15219. . . A 28-page brochure describing a complete line of six detection systems of HPLC is available from Kratos Inc., Schoeffel Instrument Division, 24 Booker St., Westwood, NJ 07675.

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