

New Products

VISCOMETER

Nametre Company offers a gas-purged water-cooled viscosity sensor with state-of-the-art electronics and digital display. The sensor is designed to measure and monitor on process line from 10 to 2 million centipoise in five linear decades with $\pm 2\%$ accuracy. A flow-through cooling jacket allows operation at high temperatures and pressures up to 3,000 pounds. Contact: Nametre Co., 1778 State Hwy. 27, Edison, NJ 08817.

REACTIVATION SOLUTION

Burdick & Jackson Laboratories has introduced a column reactivation solution to restore water-deactivated silica columns to peak performance. The solution was developed to extend the life of silica columns for normal phase LC. The company says one quart can reactivate 20-40 columns, depending on the samples and chromatographic system. Contact: Burdick & Jackson Laboratories, 1953 S. Harvey St., Muskegon, MI 49442.

POLYPHOSPHATE

A new polyphosphate to reduce metallic taste and bitterness in foods containing potassium chloride is available from Tri-K Industries Inc. Called SPORIX™, the new compound is claimed to improve the taste and mouthfeel in acidic foods in which potassium chloride has been used as a salt substitute. Available in 20-kg sealed polyethylene film, kraft multi-wall bags, the compound also possesses low acidic buffering, strong chelating properties and ability to protect against vitamin C loss with heating. Contact: Tri-K Industries Inc., 99 Kinderkamack Rd., Westwood, NJ 07675.

NEW ON-LINE F.F.A. ANALYSER

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TELEX 79 24 25**



TABLETOP OVEN

Forma's Model 6512 oven features temperature control to 260 C plus vacuum and purging facilities in a one cubic foot tabletop design. It includes a time-proportioning system, with built-in safety control, to manage temperature without overshoot. When fitted to a proper pumping system, the oven can achieve vacuum to 0.001 torr. Contact: Forma Scientific, Box 649, Marietta, OH 45750.

BALL VALVES

The Instrumentation Connectors Div. of Parker Hannifin Corp. has designed three-way CPI ball valves for application in process, power and instrumentation control systems for directional flow switching and positive shutoff of liquids and gases up to 6000 psi. The ball valves, available in sizes 1/8-in. and 3/8-in. in brass and stainless steel, operate in temperatures ranging from -65 F to 350 F. Contact: Frank Bryan, Parker Hannifin Corp., Instrumentation Connectors Div., PO Box Drawer D, Highway 21 N., Jacksonville, AL 36265.

New Products

NOZZLE SYSTEM

The QuickJet Nozzle System by Spraying Systems Co. is designed to permit quick nozzle changing by hand. The new assembly consists of body, seal and spray nozzle, with a variety of flat fan, full cone and hollow cone spray nozzles available. Contact: Spraying Systems Co., North Avenue at Schmale Road, Wheaton, IL 60188.



BALANCES

Brinkmann Instruments Co., Div. of Sybron Corp., has introduced its Sartorius Series 1600 electronic analytical balances. Two single- and two dual-range models offer capacities from 100 to 300 g and readabilities from 0.01 to 1.0 mg. Designed to interface with printers, calculators and computers, the balances can be programmed for specific gravity, weight conversion, formulations, statistics and counting with optional keyboard accessories. Contact: Brinkmann Instruments Co., Cantiague Road, Westbury, NY 11590.

DATA SYSTEM

Beckman Instruments Inc.'s Model 450 data system/controller provides HPLC control, multichannel data acquisition and data reduction, and data storage and management. It is designed for use in methods development and research laboratories in pharmaceutical, chemical and agrichemical industries as well as in biomedical research. Model 450 has 160K bytes of RAM memory expandable to 288K bytes. The data system features dual 5¼-in. floppy disks to provide 640K bytes of usable storage. Contact: Beckman Instruments Inc., Scientific Instruments Div., 1780 E. Fourth St., Berkeley, CA 94710.

TEMPERATURE COMPENSATOR

S.J. Controls Inc. has introduced an automatic compensator designed to eliminate flowmeter error caused by liquid expansion or contraction at dif-

ferent temperatures. The all-electronic microprocessor device can be installed on or near an existing volumetric flowmeter (positive displacement or turbine type). Contact: S.J. Controls Inc., PO Box 91059, Long Beach, CA 90809.

TEMPERATURE MONITORS

Rochester Instrument Systems has developed a series of monitors, TM-2480, intended for continuous surveillance of temperature points and process variables. TM-2480 systems are available in a variety of high-density configurations. Model 2481 offers 6 channels, Model 2482 offers 12 and Model 2485 offers up to 30. Plug-in modules can be specified in either dual or triple-channel versions which can be mixed and matched. Contact: Rochester Instrument Systems, 255 N. Union St., Rochester, NY 14605.

HYDRO-SOLIDS PUMP

Goulds Pumps' Model HS Horizontal Hydro-Solids Pump features a recessed impeller to handle large particle solids and fibrous/stringy materials. It is designed to allow spherical solids up to 10 inches to pass through the discharge. The pump, for use in food processing and/or waste solids, is available in cast iron, high chrome iron and stainless steel. Models include horizontal (Model HS), vertical sump (Model VHS), vertical dry pit (Model HSD), or submersible (Model HSU). Contact: Goulds Pumps Inc., Fall Street, Seneca Falls, NY 13148.

CHROMATOGRAPHY UNIT

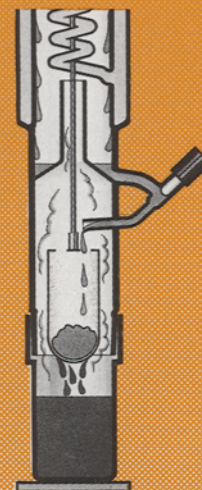
Elf Aquitaine Development offers an automatic bench-top preparative gas chromatography unit capable of processing five grams per hour. The Series 10 bench-top unit features both manual and automatic injection, with an automatic cycle controlled by a microprocessor programmer. Contact: Elf Aquitaine Development, 9 W. 57 St., New York, NY 10019.

SPECTROPHOTOMETER

Instrumentation Laboratory's double-beam Video 12, the second in a series of new atomic absorption spectrophotometers, produces information and graphics on an integral video screen. It also provides background correction using the new Smith-Hieftje system designed to correct to 99.9%, the company says. Contact: Instrumentation Laboratory, Analytical Instrument Div., Andover, MA 01810.

FAT ANALYSIS FASTER

The new Soxtec™ HT



Universality

Extracts compounds from many types of material. Works up to 200° C, enabling most organic solvents to be used.

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