

NEW PRODUCTS



ANALYZER SYSTEM

Seiko Instruments USA offers the Seiko X-Ray Fluorescent SEA2001 Element and Composition Analyzer System, which reports the presence and compositional percentage of up to 20 elements in an unknown homogeneous sample. Results are reported by atomic weight or percentage by weight at the choice of the user. Contact: Seiko Instruments, Scientific Instruments Division, 2990 W. Lomita Blvd., Torrance, CA 90505.

SALT MEASUREMENT

An electrode system which can directly measure salt concentration in milk, cheese, meats, canned vegetables, and other processed foods without the need of titration or other involved wet chemistry is offered by Lazar Research Laboratories Inc. The system, which is specific to sodium chloride and no other salts, incorporates a solid-state chloride sensing electrode in combination with a microprocessor-based pH/millivolt meter for direct salt concentration readout. Contact: Lazar Research Laboratories Inc., 920 N. Formosa Ave., Los Angeles, CA 90046.

SPHERICAL BLENDER

Lee Industries offers a 400-gallon spherical blender which combines several standard agitation designs, enabling it to handle such tasks as mixing heavy fillings, icings, batters, and mixtures with high viscosities and delicate additives. The blender includes a heating/cooling jacket, a single motion agitator (dou-

ble-motion is an option), a secondary agitator, a 4" flush bottom ball valve outlet, flush RTD temperature sensors, and removable foot bushings. Contact: Process Systems & Equipment, Division of Lee Industries Inc., P.O. Box 687, Philipsburg, PA 16866.

HEAT TRANSFER FLUID

Paratherm Corporation offers a NF (non-fouling) heat transfer fluid used in closed-loop temperature control equipment for food processing equipment. The NF fluid, rated for service to 600°F, is FDA/USDA-certified. For a bulletin providing technical data on the product, contact Paratherm Corporation, 1050 Colwell Lane, Conshohocken, PA 19428. Ask for engineering brochure NF-289.

DIGITAL PIPETTES

The Macro Transferpettor, a positive displacement digital pipette that features reusable tips, is available from Brinkmann Instruments Inc. Two sizes are available: one with a volume range of 1.0 to 5.0 mL, the other with a range of 2.0 to 10 mL. For more information, request brochure BR-571-B from Brinkmann Instruments Inc., Cantiague Road, Westbury, NY 11590.

DIATOMITE IN BULK

Manville, Filtration & Minerals offers Celite diatomite filter aids, functional fillers and synthetic silicates in bulk bags up to 1000 pounds designed to increase efficiency, economy and safety. The bags are compatible with new and existing semi-bulk materials handling systems. Contact: Manville Inquiry Department, 1601 23rd St., Denver, CO 80216.

SYRINGE FILTERS

Anotec Separations offers ANOTOP Plus disposable syringe filters designed to eliminate multiple filtration and/or centrifugation by providing a one-step method of producing purified samples for atomic

absorption spectrometry and other analytical techniques. The filter is described as especially suitable for solutions with a heavy particulate load such as fruit juices, food extracts, soil samples, and serum. Contact: Anotec Separations, 226 E. 54th St., New York, NY 10022.

CENTRIFUGAL PUMPS

Tri-Clover's high efficiency Tri-Flo HD sanitary centrifugal pumps have a variety of built-in features designed to improve processing efficiency. The pumps, available in three sizes, can handle capacities up to 600 GPM and meet the 3A standards for sanitary design. Three seal types are available: clamped-in seats of silicon carbide, ceramic, or tungsten carbide. Contact: Tri-Clover Inc., 9201 Wilmot Rd., Kenosha, WI 53141.

SPECTROMETER

Perkin-Elmer's Plasma 40 Inductively Coupled Plasma (ICP) emission spectrometer is a low-cost, benchtop instrument for high performance sequential ICP analysis. Controlled by an external IBM PS/2 Model 50Z computer, Plasma 40 features software with a high-resolution, user-configurable color graphics display, extensive use of prompting and incorporation of artificial intelligence. Up to nine spectra may be simultaneously overlaid for comparison in nine different colors. Contact: The Perkin-Elmer Corporation, 761 Main Ave., Norwalk, CT, 06859-0012.

CONTROL PACKAGE

Fischer & Porter's starter control package for its DCI distributed control system is modular, and includes a distributed control unit, a DCI Nema 1 process control cabinet, and a local operator's center. Software for data acquisition, monitoring and control, and assistance from Fischer & Porter service technicians are also included. Contact: Fischer & Porter Co., County Line Road, Warminster, PA 18974.