

New Products



GAS CHROMATOGRAPH

Perkin-Elmer's Model 8300 gas chromatograph is a compact instrument designed for routine or process laboratories. The system incorporates built-in data handling, with 12-inch video screen display and post-run manipulation of data. Model 8300 is available in two versions: 8310 for packed column operation and 8320 for dedicated capillary systems. Contact: Perkin-Elmer Corp., Main Avenue, Mail Station 12, Norwalk, CT 06856.

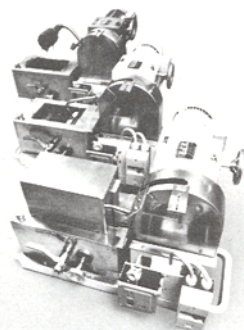
BOILER BLOWDOWN CONTROL

Analytical Uniloc Division, Rosemount Inc., has introduced the Model 98 automatic boiler blowdown control system featuring conductivity analyzer/transmitter, pneumatic control panel and conductivity sensor/sample assembly. The automatic blowdown control system is based on continuous measurement and control of boiler water conductivity conditions. Model 98 is available in two different control approaches: Model 98-01 is designed for industrial, utility and large commercial boilers with moderate to very large swing load changes, while Model 98-02 monitors boilers with small-to-medium swing load changes. Contact: Rosemount Inc., 12001 W. 78th St., Eden Prairie, MN 55344.

SUPERCRITICAL FLUID EXTRACTION

Newport Scientific offers a complete pilot plant supercritical fluid extraction system, Model 46-19342, to lower solvent costs, reduce energy and processing costs, and improve product quality and processing safety. The system can be used to extract oils from natural products, organic pollutants from wastewater, aromatic isomers from mixtures, low molecular weight materials from polymers and

light components from coal. Contact: Newport Scientific Inc., 8246 E. Sandy Ct., Jessup, MD 20794-0189.



MINI-CONCHE

Friwessa has introduced a mini-conche for testing small batches of compounded chocolates and coatings. The stainless-steel conche is designed for use by the chocolate industry, research stations, confectionery schools, universities and consultants. Features include a thermostatically controlled heating circuit allowing both cold and hot conching, and a variable speed drive. Contact: Friwessa B.V., Oil Division of Wessanen, PO Box 630, 1500 EP Zaandam, Holland.

PERISTALTIC PUMP

Manostat's Compulab is a micro-processor controller peristaltic pump that can be programmed to deliver liquid by volume or time. The unit is designed for multiple filling, dispensing and sampling operations. Contact: Manostat, 519 Eighth Ave., New York, NY 10018.

DIGITAL BURETTE

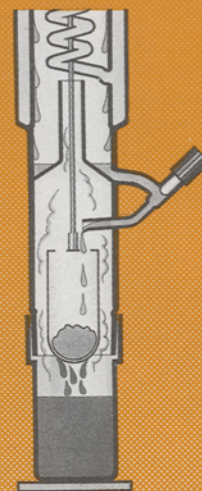
Brinkmann offers a bottle-top digital burette that indicates titrated volumes up to 99.9 mL. The device operates on a rechargeable nickel-cadmium battery or on 115V current with an AC adapter. It features Teflon filling and discharge tubes. The threaded valve head fits directly onto reagent bottles. Contact: Brinkmann Instruments Co., Cantiague Road, Westbury, NY 11590.

VEGETABLE GUM BLEND

TIC Gums has developed a blend of vegetable gums, Saladizer No. 260, to provide better product shelf life and improved texture in salad dressings. Saladizer is preblended, eliminating a weighing step and allowing tighter control over viscosity. Contact: Steve Andon, TIC Gums Inc., 144 E. 44th St., New York, NY 10017.

FAT ANALYSIS FASTER

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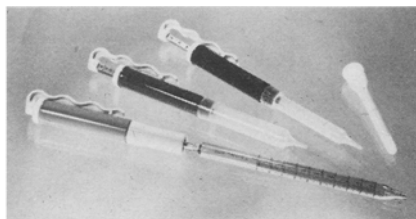
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New Products



PIPETTING SYSTEM

Sarstedt offers a pipetting system to dispense, transfer and hold macro scale samples, blood, serum, plasma and other solutions. Sarpette models are color coded. Model I Sarpettes are available in three sizes, with six sizes offered in the Model II series. Contact: Sarstedt Inc., PO Box 4090, Princeton, NJ 08540.

MICRO-PUMP

A dual-head isocratic pumping system available from Jasco is designed for routine analysis with flow from 10 to 990 microliters/minute and 0.1 to 9.9 milliliter in steps of 10 microliters/minute and 0.1 mL/minute. The BIP-1 micro-pump, for use in high pressure liquid chromatography, has a maxi-

mum output pressure of approximately 7,000 PSIG. Contact: Jasco Inc., 218 Bay St., Easton, MD 21601.

SCANNER COMPUTER

Wahl DF-135 dual-microprocessor controlled temperature scanner computer measures and linearizes up to 40 thermocouples every 2.5 seconds for multipoint precision processing. Each input channel is designed to accept any standard ISA thermocouple type. Special thermocouples, such as type N, can be programmed. Temperature readings are displayed in F or C with 0.1 F resolution. Contact: Data Force Division, Wahl Instruments Inc., 5750 Hannum Ave., Culver City, CA 90230.

PNEUMATIC LEVEL CONTROL

LINC Manufacturing has designed a nonbleed, snap-acting pneumatic level control for liquids. The LINC 282 level control is rated for 1500 PSI working pressure, with all wetted parts made of stainless steel. Output pressures up to 100 PSI are available. Contact: LINC Manufacturing, PO Drawer 788, Porter, TX 77365.

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