

New Products

RECORDING CONTROLLER

Digitec Corp. has introduced a recording controller simplifying monitor and control functions for product testing and production machinery or processing equipment, from a menu-driven CRT display. The 3500 Supervisor controller eliminates the use of separate loggers, recorders and controllers by integrating all three functions in the unit. Pushbuttons permit front-panel programming in response to CRT-displayed prompts. Contact: Digitec Corp., 918 Woodley Rd., PO Box 458, Dayton, OH 45401.

MAGNETIC STIRRER

Scientific Glass Laboratories Ltd. offers a magnetic stirrer that uses electronic parts rather than electric motors to create its magnetic field, thus eliminating heat from sources other than the chemical reactions of an experiment or process. Stirring speed is infinitely variable between 200 and 1000 rpm. A magnetic field, created by feeding electrical impulses into four coils in sequence, causes the follower's rotation. Contact: Scientific Glass Laboratories Ltd., Canal Rd., Tunstall, Stoke-on-Trent, Staffordshire ST6 4PQ, England.

FLOWMETER

Krohne-America Inc. has introduced an electromagnetic flowmeter in sizes 0.1" to 4.0" designed to withstand vibration and other extreme operating conditions. The measuring section uses ceramic aluminum oxide, and platinum electrodes are fused into this liner, making it resistant to heat, pressure abrasion and corrosion. The flowmeter operates with fluid temperatures to 400 F and pressures to 1000 psi. Contact: Krohne-America Inc., 11 Dearborn Rd., Peabody, MA 01960.

BUTTERFLY VALVES

The Dresser Industries' Manufacturing Division has a new series of corrosion-resistant composite butterfly valves. Introduced for use at elevated temperatures, the valves are made of vinyl ester resin. One valve line is reinforced with graphite fiber for applications to 250 F, and the other is reinforced with glass fiber for applications to 210 F. Contact: Advanced Valve & Composites Operations, PO Box 419, Alliance, OH 44601.

SEAMLESS GASKETS

The Chicago Gasket Company has developed seamless gaskets featuring an uninterrupted seal to reduce the opportunity for leakage under pressure. The gaskets are offered with a choice of asbestos or asbestos-free fillers, with or without metal-core reinforcement. Circular gaskets ranging from 18" to 84" in diameter are available. Elliptical gaskets are available in 9" x 12", 12" x 16" and 14" x 18" sizes. Contact: Chicago Gasket Company, 1285 W. North Ave., Chicago, IL 60622.

COMPUTING INTEGRATOR

LDC/Milton Roy has introduced a new computing integrator with a 10-millisecond slicing rate for use in capillary GC and fast high performance liquid chromatography. The 32k memory can store up to 9 methods and over 800 peaks. Contact: LDC/Milton Roy, PO Box 10235, Riviera Beach, FL 33404.



AUTOINJECTOR

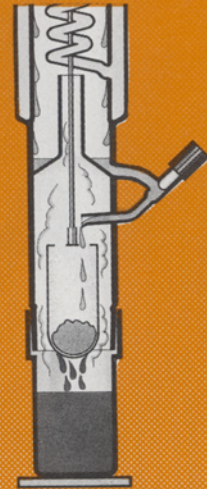
Micromeritics has a new dual-sample autoinjector, a version of the 725 AutoInjector. The Model 725D Auto-Injector will allow unattended analyses of up to 32 samples and, according to the company, will shorten many analyses requiring precolumn derivatization by the system of rapid sample/reagent mixing followed by automated injection. Contact: Micromeritics Instrument Corp., 5680 Goshen Springs Rd., Norcross, GA 30093.

SOLVENT CABINET

The new Protector Solvent Storage Cabinet, from the Labconco Corporation, is designed for the safe storage and ventilation of solvents and other flammable liquids. The cabinet is constructed of 18 gauge dual-wall steel, with 1½" air and fiberglass insulation and meets all UL, OSHA and NFPA

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* (USP No. 3,798,133)

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New Products

standards for flammable and combustible liquids. This model is equipped with gliding bi-fold doors, spring loaded to automatically close in case of fire, rear vent outlets with flame arresters and a vent kit. The storage cabinet is available in three sizes. Contact: Lab-conco Corp., 8811 Prospect, Kansas City, MO 64132.

BLOCK HEATER

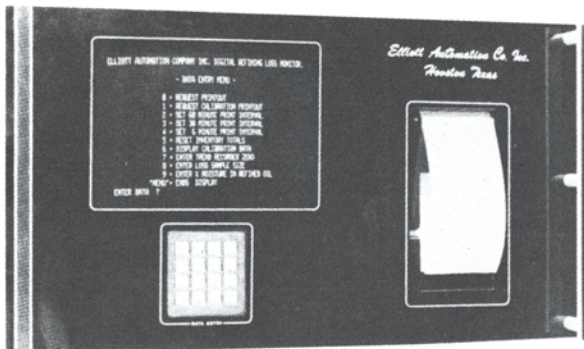
A compact block heater system for use in determining chemical oxygen demand is now available from Techne Inc. The dry block heats the sample under reflux at a temperature of 150 C, in a COD test for determining the concentration of dissolved oxygen which provides an indication of pollu-

tant concentration. Contact: Techne Inc., 3700 Brunswick Pike, Princeton, NJ 08540.

AUTOMATIC TINTOMETER

The new Lovibond Automatic Tintometer, from The Tintometer Ltd., is designed for precision measurement for color grading of edible oils. The LAT incorporates microprocessor control and digital display. A selection of filter wheels measures different parameters, such as the concentration of chlorophyll and carotene in the oil. Results are given in both the Lovibond red and yellow scales or the AOCS red and yellow scales. Contact: The Tintometer Company, 206 Packets Ct., Williamsburg, VA 23185.

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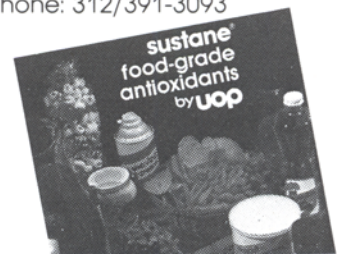
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