

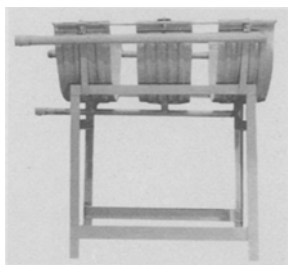
New Products

STEAM DISTILLATION UNIT

Labconco Corporation is offering its new RapidStill III automatic steam distillation unit for nitrogen/protein determination. The distillation process is controlled by a timer that determines the amount of water and sodium hydroxide used; one distillation takes less time than four minutes. Information: Labconco Corp., 8811 Prospect, Kansas City, MO 64132.

FLUORESCENCE DETECTOR

Kratos' FS 970 Spectrofluorometer for HPLC can be equipped with both a xenon arch lamp and a deuterium lamp for solute excitation. The combination, Kratos says, enhances the selectivity of the analysis while improving the instrument's versatility and sensitivity. Information: Kratos Analytical Instruments, 170 Williams Dr., Ramsey, NJ 07446.



DRUM WARMER

Dean Products Inc. is offering a drum warmer for heating standard 55-gallon drums. The curved panels holding the drums are embossed, providing channels for the flow of steam, hot water or other heat transfer media. Over-center toggles hold drums in place. Angle legs also are included. Information: Dean Products Inc., 985 Dean St., Brooklyn, NY 11238.

LC SAMPLING SYSTEM

Spectra-Physics has introduced its liquid chromatography sampling system, SP8780XR automatic sampler. The unit will automate any modular LC system, the firm says. The device can bar code labels on each individual sample vial to aid in sample tracking and to eliminate errors in tray loading. Information: Spectra-Physics, 3333 N. First St., San Jose, CA 95134.

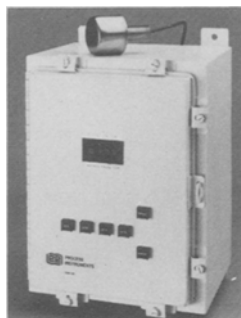
COLUMN PROTECTION SYSTEM

Brownlee Labs says its MPLC NewGuard system protects HPLC columns against particulates as well as contaminants in the sample. Disposable cartridges are used and the permanent MPLC holder, once installed, will seal

cartridges to 7000 psi with finger-tight connections. Information: Brownlee Labs, 2045 Martin Ave., Santa Clara, CA 95050.

GRAPHICS PRINTER

Allied Analytical Systems' Instrumentation Laboratory Graphics Printer prints an entire atomic absorption analytical report and is designed for use with IL equipment. The report includes instrument conditions, calibration curves, analytical methods, sample data and a graphical display of absorbance versus time. Information: Allied Analytical Systems, One Burt Rd., Andover, MA 01810.



ULTRASONIC LEVEL INDICATOR

Lee Industries has developed its LCM-130 Ultrasonic Level Indicator and Controller. The microcomputer controlled unit transmits a burst of high-intensity 40 KHZ sound waves that reflect off the product surface and are received by the same unit. By measuring time from transmittal to echo reception, the unit computes how full a container is. The measurement can be registered in inches, feet, meters, gallons or liters. Accessories can be used to permit the controller to turn pumps on or off to charge or discharge the vessel. Information: Process Instruments Division of Lee Industries Inc., PO Box 480, Port Matilda, PA 16970.

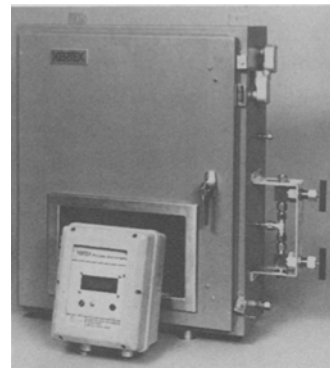
BELLOWS SEAL GATE VALVES

Smith Valve Corporation's B870 bellow seal gate valves are designed to eliminate steam leakage. The valves are available in sizes from 0.5" to 2.0". The bellows of the valve is welded to the valve's bonnet and stem, containing fluids between the bellow's outside diameter and the bonnet's inside diameter. Information: Smith Valve Corp., PO Box 1000, Westboro, MA 01581.

TEMPERATURE CONTROLLER

Dynatech Trans-Met's differential temperature controller offers a field adjust-

able differential and set-point for heat control and energy savings. Using a solid state temperature sensor, the controller can be placed at any convenient distance from the sensor. Remote temperature digital readout is available. Information: Dynatech Trans-Met, 601 S. Palm St., La Habra, CA 90631.



ORGANICS ANALYZER

Xertex Process Instrument has introduced its model COA-1000 Continuous Process Analyzer for organic monitoring of aqueous streams. The aqueous sample flows through a low volume ultraviolet oxidation chamber and then through a micro-variable conductivity cell. Air or oxygen is bubbled through the reactor continuously, and organics in the same are partially oxidized. The unit measures the increased electrical conductivity created. Information: Process Instruments Division, Xertex Corp., 3240 Scott Blvd., PO Box 58007, Santa Clara, CA 95052.



PORTABLE pH METER

Innovative Sensors Inc. says its Model 1984 portable pH meter offers the accuracy of a laboratory meter in a unit suitable for use in severe industrial environments. The unit has a 0.7-inch display visible at distances of 20 feet or more, with readouts to near 0.01 pH. Automatic temperature compensation is provided from 0 to 150 C. Information: Innovative Sensors Inc., 4745 E. Bryson St., Anaheim, CA 92807.