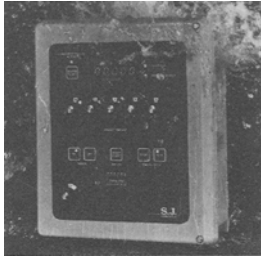


New Products



BATCHING SYSTEM

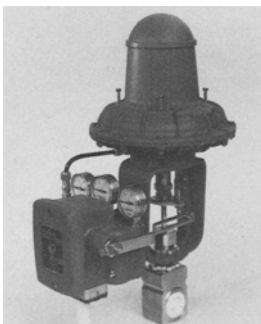
S.J. Controls Inc. offers its "E.B.U.," an electronic batching system. The system uses solid-state electronics and works with any flowmeter pulse, the firm says. It will indicate the size of any overflow, and has a failure alarm to signal the failure or leakage of any pump, valve, flowmeter, etc., that might spoil a batch. Information: S.J. Controls Inc., 2815 Junipero Ave., Long Beach, CA 90806.

OPEN-CHANNEL FLOWMETER

Monitek Inc. says its Model UF-4000 flowmeter measures open-channel flow by use of noncontact ultrasonic ranging techniques. A NEMA 4 enclosure, recorder, and totalizer are standard; high/low set points, heater, and echo loss alarm are optional. Information: Monitek Inc., 1495 Zephyr Ave., Hayward, CA 94544.

TEMPERATURE CONTROLLER

Ogden Manufacturing Co. has introduced its ETR-50 Controller which is based on microprocessor technology. Each control station contains a microprocessor and storage devices to implement the control algorithm. Information: Ogden Manufacturing Co., 48 W. Seegers Rd., Arlington Heights, IL 60005.



CONTROL VALVE

Foxboro has added a 1-inch, corrosion resistant valve, designated the V7100, to its line of valves. The valve has a nonwetted Type 316 stainless steel body. It has a low flowrate capability

and can be used to replace split-range parallel installations sometimes required for precise pH control, the firm says. Information: D.L. Fowler, Dept. 120, The Foxboro Company, Foxboro, MA 02035.

PORTABLE TEST SET

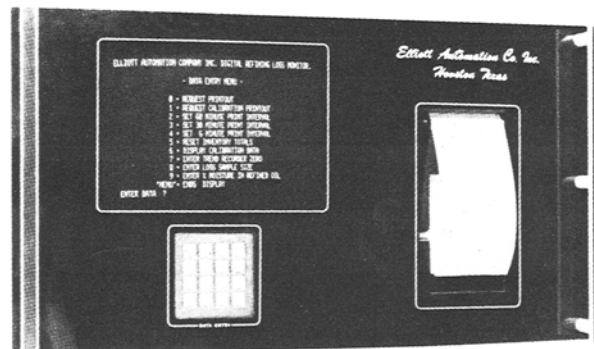
Beckman Instruments Inc. has introduced its Model HMP3 portable moisture and temperature test set for granular bulk solids and sheet materials. The unit may be used to measure equilibrium moisture or temperature, or

both, of materials in process or storage. Information: Beckman Instruments Inc., Cedar Grove Operations, 89 Commerce Rd., Cedar Grove, NJ 07009.

INOCULATING LOOP

Bel-Art Products has developed a self-heating/self-sterilizing inoculating loop, termed an Electro-Loop, which has a 2½" Nichrome wire loop. Within seconds of being turned on, the loop will glow uniformly, indicating the loop is sterilized and ready for the next operation. Information: Bel-Art Products,

OIL REFINERY MANAGERS, REDUCE LOSSES NOW! NEW DESIGN! NEW TECHNIQUES!



LOSS MONITORING • PLUS • LOSS CONTROL SYSTEM WITH (NO MOVING PARTS) MASS FLOWMETERS

New: Video Display Loss Monitor allows more information to be displayed and allows messages to be displayed.

New: Calculations and features to make this the best Loss Monitor ever with three separate loss indications. Relative Loss for tuning the process, Absolute Loss for Inventory purposes, and Batch Loss for short term comparison of absolute losses.

New: Optional Mass Flowmeters — No moving parts, immune to air blows and not effected by air entrainment or by dirty crude oils.

New: Digital Caustic Treat Control — Standard with every Loss Monitor, guarantees your ability to tune the caustic treat for a low loss condition.

New: Automatic Zero Calibrate Manifold System — Simplifies this important operation allowing on-line calibrations without shutting down the refinery. Greatly reduces installation costs.

Warning: Elliott Loss Monitors are protected by U.S.A. Patents.

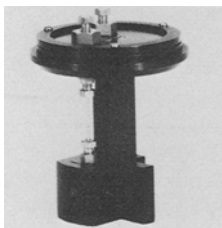
Send for our latest brochure, and ask about our new Lease/Purchase terms that allow you to pay for the system out of savings. Most refineries only need 7 days out of each month to make the payments the rest is return on investment.

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HPLC MICROBORE CELL

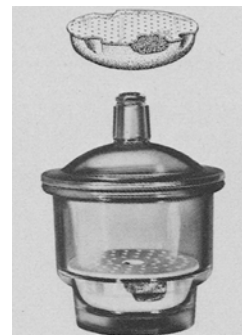
Farrand Optical Co. Inc. is offering a one-microliter cell for microbore HPLC use. An all-quartz optical system optimizes fluorescence yields, the firm says, and may be used with any HPLC system. A 10-microliter version is available for conventional HPLC. Information: Farrand Optical Co. Inc., 117 Wall St., Valhalla, NY 10595.

MICROPROCESSOR

Precision Systems Inc. is offering its Datasette microprocessor which the firm says will automatically log data from standards and unknowns, calculate best fit curves, provide statistical analysis and provide a digital readout. Cost is under \$1,000. Information: Precision Systems Inc., 60 Union Ave., Sudbury, MA 01776.

PORTABLE MANOMETER

Air Instrument Resources Ltd. is offering a portable manometer, designed around a differential-capacitance type pressure transducer and offered in analog and digital readout models. The unit is 8" x 4" x 2.4" and weighs 32 ounces. Information: Air Instrument Resources Ltd., Monument Industrial Park, Chalgrove, Oxford OX9 7RW, England.



DESSICATOR CARTRIDGE

Multiform Dessiccants Inc. has introduced its Lab Desiccator Replacement Cartridge, designed to ease replacement of saturated desiccant. The cartridge eliminates the need to wash jars or clean and regrease sealings lids when desiccant is replaced, the firm says. Information: Multiform Dessiccants Inc., 960 Busti at Niagara, Buffalo, NY 14213.

Calendar

AOCS WORLD CONFERENCES

World Conference on Oleochemicals, Sept. 18-23, 1983, Convention Center, Montreux, Switzerland.

AOCS NATIONAL MEETINGS

Annual Meeting, April 29-May 3, 1984, Fairmont Hotel, Dallas, TX.

Annual Meeting, April 21-25, 1985, Franklin Plaza Hotel, Philadelphia, PA

1983

June

Color Technology courses, Rochester Institute of Technology, Rochester, NY, June 1983. Color Technology for Management, June 1-2, 1983. Principles of Color Technology, June 20-24, 1983. Contact: Val Johnson, T&E Center Seminar Coordinator, Rochester Institute of Technology, One Lomb Memorial Dr., PO Box 9887, Rochester, NY 14623 (tele: 716-475-2758).

66th Canadian Chemical Conference and Exhibition, sponsored by The

Chemical Institute of Canada, June 5-8, 1983, Convention Centre, Calgary, Alberta. Contact: The Chemical Institute of Canada, 151 Slater St., Suite 906, Ottawa, Ontario, K1P 5H3, Canada.

EUROCHEM, International Chemical and Process Engineering Show and Conference, June 6-10, 1983, National Exhibition Centre, Birmingham, England. Contact: British Information Services, 845 Third Ave., New York, NY 10022 (tele: 212-752-8400).

Symposium, "Hydrogenation of Soy Oil," sponsored by the American Soybean Association, June 7-9, 1983, Antwerp, Belgium. Contact: ASA, Centre International Rogier, Bte 521, 1000 Brussels, Belgium. Midwest Regional Section of the Association of Official Analytical Chemists meeting, June 14-15, 1983, Ames, Iowa. Contact: H. Mike Stahr, president, Regional AOAC, Veterinary Diagnostic Laboratory, Iowa State University, Ames, IA 50011.

"Modern Methods of Food Analysis"

Symposium, sponsored by the Institute of Food Technologists, June 17-18, 1983, New Orleans, LA. Contact: Dan E. Weber, Director of Marketing/Administration, Institute of Food Technologists, 221 N. LaSalle St., Chicago, IL 60601.

Annual meeting and food exposition, Institute of Food Technologists, June 19-22, 1983, New Orleans Superbowl, New Orleans, LA. Contact: Dan E. Weber, Director of Marketing/Administration, Institute of Food Technologists, 221 N. LaSalle St., Chicago, IL 60601.

76th Air Pollution Control Association Annual Meeting and Exhibition, June 19-24, 1983, The Georgia World Congress Center, Atlanta, GA. Contact: Air Pollution Control Association, PO Box 2861, Pittsburgh, PA 15230.

"Membrane Lipid Metabolism," Gordon Research Conference, Kimball Union Academy, Meriden, New Hampshire, June 20-24, 1983. Contact: Gordon Research Conferences, Pastore Chemical Laboratory, Uni-