

## Publications

### New books

**Topics in Lipid Research—From Structural Elucidation to Biological Function**, edited by R.A. Klein and B. Schmitz, Royal Society of Chemistry, Burlington House, Piccadilly, London W1V 0BN, England, 1986, hardcover, 348 pp., US \$65.

From Lipidforum, c/o SIK, Box 5401, S-402 29 Goteborg, Sweden:

**Proceedings of 13th Scandinavian Symposium on Lipids**, edited by R. Marcuse, 1986, softcover, 229 pp., US \$20.

**Proceedings of Lipid Oxidation: Biological and Food Chemical Aspects**, edited by R. Marcuse, softcover, 206 pp., \$35.

**Oilseed Meals and Other Products Rich in Proteins**, annual report from INRA and the Interprofessional Society of Oilseeds, Protein Seeds and Textile Plants (SIDO), available from SIDO, 174 ave. Victor Hugo, 75116 Paris, France, for 175 French francs. Information on French economy and French and world oilseed meal situation; published in French only.

**Crystallization and Precipitation Processes**, edited by Daina M. Briedis and Kuttanchery A. Ramanarayanan, American Institute of Chemical Engineers, 345 E. 47th St., New York, NY 10017, 1987, 141 pp., \$20 for AIChE members, \$40 all others.

**McGraw-Hill Encyclopedia of Science and Technology, Sixth Edition**, 20 volumes, McGraw-Hill Book Co., 11 W. 19th St., New York, NY 10011, 1987, \$1,600.

**Supercritical Fluids: Chemical and Engineering Principles and Applications**, ACS Symposium Series No. 329, edited by Thomas G. Squires and Michael E. Paulaitis, American Chemical Society, Marketing Communications Dept., 1155 Sixteenth St. NW, Washington, DC 20036, 1987, 302 pp., US & Canada \$59.95, all others \$71.95.

**Cotton Physiology**, edited by Jack Mauney and James McD. Stewart, Cotton Foundation, PO Box 12284, Memphis, TN 38182-0284, 1987, 786 pp., \$35 plus \$5 shipping. This textbook includes a 66-page chapter deal-

ing with cottonseed oil and protein entitled "Food and Feeding Quality of Cottonseed," written by John Cherry and Russ Kohel of the USDA/ARS, Lynn Jones of the National Cottonseed Products Association (NCPA) and W.H. Powell, former NCPA staff agronomist.

### Other publications

**The Cottonseed Processing Industry Statistical Handbook**, 1987 edition, published by the National Cottonseed Products Association Inc., PO Box 12023, Memphis, TN 38112, 1987, 31 pp., \$3 for NCPA members, \$7 for all others, plus postage.

STN International, the Scientific & International Information Network, has available a database entitled **Chem Sources-U.S.A.** The files, called CSCHEM and CSCORP, contain information on more than 100,000 chemicals and chemical products available from 850 suppliers in North America. Contact: STN International, 2540 Olentangy River Rd., PO Box 02228, Columbus, OH 43202.

## New Products

### HEAT EXCHANGER

Groen has available the Particon, a new scraped surface heat exchanger designed to continuously process products with large or delicate solids with diameters up to 1.5 inches. Features include a spiral steam jacket, tangential spiraled product inlet and outlet heads, aseptic processing capabilities, CIP design and a hydraulically lowered rotor lift. Contact: Groen, 1900 Pratt Blvd., Elk Grove Village, IL 60007.

### OXYGEN ANALYZER

The digital trace oxygen analyzer by Neutronics is equipped for low- and medium-range trace analysis. The T-5902 measures to 0.1 ppm resolution in the 0-100 ppm range and to

1.0 ppm in the 0-1000 ppm range. For control and recording, the T-5902 is available with adjustable contact closures and milliamp and millivolt outputs. Contact: Neutronics Inc., 215 W. Church Rd., King of Prussia, PA 19406.

### TOP PLATES

The Thermolyne Corp. has introduced a line of hot plates, stirrers and stirring hot plates that feature a new ceramic top called CIMERIC. Features of the CIMERIC line include a maximum operating temperature of 531 C on the top, 60-1,000 rpm linear stirring speed, high impact strength, acid and alkali resistance and positive on/off temperature control. Contact: Ther-

molyne Corp., 2555 Kerper Blvd., Dubuque, IA 52001.

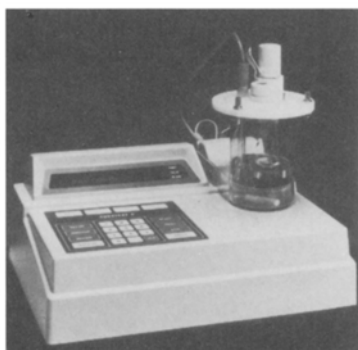


### CONDUCTIVITY METER

Three models of the Micro MHO Pen are now available with ranges from 0 to 20,000  $\mu$ MHOs and readouts in

## New Products

megohms and ppm. The meters measure square wave AC conductivity, operate at 5-70 C and feature automatic temperature compensation. Applications include water treatment, quality control, food processing and routine laboratory work. Contact: Nester Instruments, PO Box 1187, Millville, NJ 08332.



### TITRATOR

The Photovolt Aquatest 8 is an automated, coulometric Karl Fischer titrator for measuring moisture content from 10 ppm to 100% in liquids, gases and dissolved solids. It is designed to titrate at a rate of 2,500 micrograms of water per minute, with memory to retain results, drift correction, elapse time of test and sample weight for up to 32 samples. Contact: Testing Machines Inc., 6 Ronald Dr., Montreal West, Quebec H4X 1M8, Canada.

### LIQUID CONTROLLER

Caldwell Systems Corp. has developed a liquid measuring controller using a pressure transducer to monitor volume, density, temperature and leaks of liquids in tanks. Each controller has up to 32 channels for data collection; when used in a network configuration, the controller system is designed to monitor up to 512 tanks. Contact: Caldwell Systems, 2615 Kimsey Dr., Dallas, TX 75235.

### PROCESS ANALYZER

The Pulsi-R 200 self-calibrating infrared process analyzer can monitor up to three components in a gas stream simultaneously. The unit measures CO, CO<sub>2</sub>, NO and SO<sub>2</sub> with

designed accuracy and linearity of  $\pm 2\%$  fsd and has automatic temperature compensation over a 250 C range. Contact: Procal Analytics Ltd., 9 Alfric Sq., Maxwell Road, Woodston, Peterborough, PE2 OJP England.

### PIPET TIPS

Curtin Matheson Scientific Inc. has introduced Ref-REE reference pipet tips to its 1,000 pack of standard tips. The reference tips are marked to correspond to common pipet delivery volumes to allow a way to visually compare the amount pipetted to the amount desired. They are designed to detect any discrepancies before erroneous test results are received. Contact: Curtin Matheson Scientific Inc., 9999 Stuebner/Airline Rd., Houston, TX 77038.



### DESICCANT CARTRIDGE

Bel-Art's ready-to-use Desiccant in a Cartridge is designed to simplify desiccant replacement. It fits beneath the desiccator plate and comes in a range of sizes. Contact: Bel-Art Products, 6 Industrial Rd., Pequannock, NJ 07440-1992.

### FISH OIL DISTILLER

Leybold-Heraeus has developed a short-path distillation technique to reduce the percentage of pesticides in liver oil to less than 1 ppm. The molecular distillation system also is designed to deodorize, isolate squalene and pristane and concentrate fatty acids. Contact: Leybold-Heraeus GmbH, Postfach 1555, D-6450 Hanau, West Germany.

### pH TESTER

Nester Instruments offers a mini

test unit to test and calibrate laboratory and industrial pH meters, controllers, transmitters, recorders and alarms. The compact signal source simulates a pH electrode. Switch selected outputs include 0-14 pH in 2 pH increments; 0-700 millivolts in 100 millivolt increments; temperature/slope compensation and 1000 megohm series resistance for input impedance check. Contact: Nester Instruments, PO Box 1187, Millville, NJ 08332.

### PUMP

The Peerless Pump Co. has available a line of horizontal split case pumps in 24 sizes ranging from 2- to 10-inch discharge. Product specifications include a range of construction materials and capacities to over 7,500 gpm and heads in excess of 650 feet. Contact: Peerless Pump, Box 7026, Indianapolis, IN 46206.

### DIGITAL INDICATOR

Toledo Scale's Model 8146 digital indicator accepts up to four scales and features stored weight and accumulation. It provides 16-digit character identification and custom ticket formatting; optional features include the capability to transmit 12 serial coincidence values, acceptance of three additional scales and remote scale input. Contact: Toledo Scale, 350 West Wilson Bridge Rd., Worthington, OH 43085.

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