

Publications

largely free of technical errors. Papers, varying in quality and presented mainly by Scandinavian scientists, cover the aspects of biochemistry, nutrition, technology, composition, production, analysis and physical chemistry as applied to lipids.

This book reflects the work of Scandinavian scientists engaged in lipid research and thus would be a good reference book for institutional libraries and for individuals curious for an insight of lipid research in Scandinavia.

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New books

The Metabolism, Structure and Function of Plant Lipids (Proceedings of the Seventh International Symposium on Plant Lipids), edited by Paul K. Stumpf and J. Brian Mudd, Plenum Press, 233 Spring St., New York, NY 10013, 1987, 742 pp., \$110.

Handbook on Rice Bran: Processing and Utilization of Products, compiled by B.M. Sheth and B.V. Mehta, The Solvent Extractors' Association of India, 142 Jolly Maker Chamber No. 2, 14th Floor, 225, Nariman Point, Bombay-400021, India, 1987, 856 pp., 100 rupees plus 20 rupees handling.

Fat Production and Consumption: Technologies and Nutritional Implications (NATO Advanced Science Institutes Series), edited by C. Galli and E. Fedeli, Plenum Press, 233 Spring St., New York, NY 10013, 1987, 336 pp., \$62.50.

Basic Biotechnology, by John Bu'Lock and Bjorn Kristiansen, Academic Press, 6277 Sea Harbor Dr., Orlando, FL 32821-9989, 1987, 561 pp., \$29.95 paperback, \$85.50 casebound.

Near-Infrared Technology in the Agricultural and Food Industries, edited by Phil Williams and Karl Norris, American Association of Cereal Chemists (AACC), 3340 Pilot Knob Rd., St. Paul,

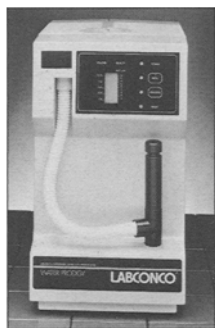
MN 55121, 1987, 330 pp., 328 spectra, 101 tables, \$139 AACC members, \$169 non-members.

Other publications

Nestec Ltd. has published **Nestlé Research News 1986/87**. This year's report focusses predominantly on plant biotechnology. Contact: Nestec Ltd., Nestlé Products Technical Assistance, Corporate Affairs Department, Documentation Centre, 1800 Vevey, Switzerland.

Leatherhead Food Research Association has published two market reports: **International Confectionery Market Report** and **International Bakery and Cereal Products Market Report**. Each is available for £100 (Leatherhead Food R.A. members), £200 (non-members), from Leatherhead Food R.A., Randalls Road, Leatherhead, Surrey KT22 7RY, England.

New Products



WATER PURIFIER

Labconco Corp. offers a small water purification system, the Water Prodigy, for labs requiring high purity water. It is designed to process up to 15 liters of water a day to meet NCCLS, ASTM and CAP Type 1 water standards. Contact: Labconco Corp., 8811 Prospect St., Kansas City, MO 64132.

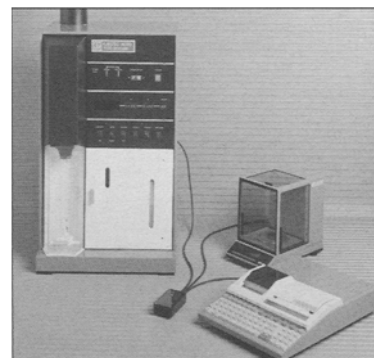
DESICCANT

Multiform Desiccants has devel-

oped Dri-Mop, an organic powder designed to immobilize spilled aqueous materials. The powder, which gels on contact with liquids, can be used on toxic solutions and biohazardous fluids. Packets ranging from 0.25 grams to several pounds are available. Contact: Multiform Desiccants Inc., 960 Busti Ave., Buffalo, NY 14213.

PUMP

The PM600 peristaltic pump by Jouan Inc. can be used for many applications including repeated dose delivery of viscous liquid agar media. The pump can be programmed to deliver particular volumes. Other functions that can be programmed include pump speed, pause time, recall and pump direction. Contact: Jouan Inc., PO Box 2716, Winchester, VA 22601



KJELDAHL RANGE

Tecator has introduced the Kjeltec Auto Plus, the company's fourth generation Kjeldahl range. Samples are weighed, distilled, recorded and evaluated automatically. According to the company, total analysis time is approximately two minutes. Results are measured in percent protein, percent nitrogen or ml titrant. Contact: Tecator Inc., PO Box 405, Herndon, VA 22070.

New Products

PH METERS

Fisher Scientific's 900 Series of pH meters features a 900-day warranty on all eight models. The series includes analogs and digitals, and models designed for field use, medical laboratories and industrial research. Other features include microprocessor control, dual displays and keys which allow the entry of calculated isopotential points and the recall of calculated electrode efficiency. Contact: Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219.

DATA PROCESSOR

Shimadzu's C-R5A chromatography data processor has a 170K-byte memory dual-channel recording capability and an 8K-byte IC card for storing programs and setting up peak processing parameters and user-defined application packages. Other features include 20 hours of storage for LC and packed GC chromatograms, a data bunching rate of 20 milliseconds at 50Hz, and time programming for automatic parameter changes. Contact: Shimadzu Scientific Instruments Inc., 7102 Riverwood Dr., Columbia, MD 21046.

CIRCULATORS

The Haake D8 line of small circulators is designed for use in immersion circulation in a wide variety of bath vessels. Features include double-function display, reproducible digital temperature setting, low liquid level cutoff and variable excess temperature cutoff. Contact: HBI, Haake Buchler Instruments Inc., 244 Saddle River Rd., Saddle Brook, NJ 07662-6001.

SULFUR ANALYZER

Antek Instruments has introduced its Pyrofluorescent sulfur system which measures total sulfur content in solid, liquid and gaseous samples. Samples may be introduced via microliter syringe, quartz sample boat or gas syringe. The analytical range of the instruments is ppb to 50%, with final results available in 30 seconds to 10 minutes. The system may be used on edible oils and processed foods. Contact: Antek Instruments Inc., 6005 N. Freeway, Houston, TX 77076.

HPLC SYSTEM

Varex Corp. has designed its "Versa Prep" systems so that pre-

parative and analytical HPLC can be performed on one instrument. Models are available with manual or automated controls, and single and dual column switching. The IBM PC software also programs data acquisition, peak data storage and display. Contact: Varex Corp., 12221 Parklawn Dr., Rockville, MD 20852.

BALANCE

Mettler's Model AE240 fully electronic analytical balance weighs two ranges. The instrument's semi-micro range covers 0 to 41 grams; the macro range is 0 to 205 grams. It can be retrofitted with an RS232C interface, a CL current loop interface or an IEEE488 interface. Contact: Mettler Instruments AG, CH-8606 Greifensee, Switzerland.

FOOD ANALYZER

Trebor Industries offers a tabletop near-infrared analyzer designed to determine up to 12 constituents per product. The analyzer measures protein, moisture, oil/fat, crude fiber, ADF, heat-damaged protein, calcium, magnesium, amino acids and other substances. Contact: Trebor Industries Inc., Box 2159, Gaithersburg, MD 20879.

Letter to the Editor

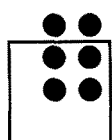
Dear Editor:

The purpose of this letter is to point out a deficiency in the data presented in the World Fats and Oils Report (JAOCS August 1987, pp. 1058-1085). Table 2 in the report includes production figures on seven seed oils but excludes peanut oil which is ranked No. 7 in the

world production and consumption in Table 1. If the need for including the 10th ranking palm kernel oil was paramount, possibly for its importance in world trade, eight oils, instead of the seven, should have been included for the calculation of data in Table 2. This deficiency has resulted, for example, in India's 1986/87 oil production fig-

ures being shown as 1.7 million metric tons (MT) while the total production including peanut oil is given on page 1074 as 3.2 million MT.

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Bleaching Earth

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