

## Publications

### New books

**Advanced Biochemical Engineering**, edited by Henry R. Bungay and Georges Belfort, John Wiley & Sons Inc., 605 Third Ave., New York, NY 10158, 1987, 304 pp., \$42.95.

**Dietary Fat and Cancer**, Progress in Clinical and Biological Research, Vol. 222, edited by Clement Ip, Diane F. Birt, Adrienne E. Rogers and Curtis Metlin, Alan R. Liss Inc., 41 East 11th St., New York, NY 10003, 1986, 902 pp., \$130.

**Corn: Chemistry and Technology**, edited by Stanley A. Watson and Paul E. Ramstad, American Association of Cereal Chemists, 3340 Pilot Knob Rd., St. Paul, MN 55121, 1987, 580 pp., \$87.

**Biotechnology in Agricultural Chemistry**, American Chemical Society Symposium Series No. 334, edited by Homer M. LeBaron, American Chemical Society, 1155 Sixteenth St. NW, Washington, DC 20036, 1987, 354 pp., US & Canada \$64.95, elsewhere \$77.95.

**Ecology and Metabolism of Plant Lipids**, American Chemical Society Symposium Series No. 325, edited by Glenn Fuller and W. David Nes, American Chemical Society, 1155 Sixteenth St. NW, Washington, DC 20036, 1987, 365 pp., US & Canada \$69.95, elsewhere \$83.95.

### Other publications

**Deciding on Food Laws** outlines the processes governing food legislation in Great Britain. Topics include compositional standards, additives, labeling and food hygiene. The report is available for £9.50 from Food Policy Research, Biomedical Sciences, University of Bradford, Bradford BD7 1DP, England.

**Toxic Air Exposure—Detection and Protection**, by National Draeger Inc., covers worker exposure to toxic gases and describes products that monitor and detect toxic chemicals. Contents include a chemical directory, instrumentation information and manufacturing processes. The

400-page publication costs \$10. Contact: National Draeger Inc., PO Box 120, Pittsburgh, PA 15230.

**Advances in Laboratory Automation—Robotics 1986**, Proceedings of the Fourth International Symposium on Laboratory Robotics, edited by Janet R. Strimaitis and Gerald L. Hawk, Zymark Corp., Zymark Center, Hopkinton, MA 01748, 1986, \$55.

The Australian Oilseeds Federation has begun publishing a newsletter, with January–March 1987 its first issue. For information, contact the Australian Oilseeds Federation, 150 Sussex St., Sydney, NSW, Australia 2000.

**Proceedings, International Federation of Margarine Associations' 29th Annual General Meeting**, June 2–4, 1986, Oslo, Norway, is available from the International Federation of Margarine Associations, Rue de La Loi, 74, Bte 3, 1040 Brussels, Belgium.

## New Products



### CALORIMETER

The Omega rapid titration calorimeter by MicroCal Inc. determines binding constants and heats of binding in minutes instead of days. It is designed for use with an IBM PC or compatible. Software is available to perform more complex calorimetry calculations, including determining binding constants from

$10^2$  to  $10^8$   $M^{-1}$ . Contact: MicroCal Inc., 22 Industrial Dr. E., Northampton, MA 01060.

### AQUA-TESTER

C.W. Brabender Instruments Inc. offers the C-Aqua-Tester, an instrument to measure moisture content in chemical, food, grain, cosmetic and pharmaceutical products via the reaction between calcium carbide and water to form acetylene gas. The instrument has full scale deflection of 0 to 1%; moisture content can be measured to the nearest .01%. Contact: C.W. Brabender Instruments Inc., 50 E. Wesley St., Sg. Hackensack, NJ 07606.

### GAS MONITOR

Tracor Atlas' Model 927 combus-

tible gas monitor uses a catalytic bead-type sensor coupled with a constant temperature control circuit. The monitor, designed to be explosion-proof, is available as a single point-multipoint or multipoint-multigas monitoring system. A "silicone-resistant" sensor is available for environments where silicone poisoning of gas sensors is a problem. Contact: Tracor Atlas Inc., 9441 Baythorne Dr., Houston, TX 77041-7709.

### THERMOMETER

Kane-May Measuring Instruments offers a pocket-size digital thermometer with a range of  $-150$  to  $+500$  F. The  $6'' \times 2'' \times 1''$  thermometer has a resolution to 1 F and an accuracy of  $\pm 1$  F. Automatic minus-sign indication, low battery warning, broken probe and

## New Products

over-range indication are provided. Contact: Kane-May Measuring Instruments, 265 Hathaway Dr., Stratford, CT 06497.

### DISTILLER

Tecator's Kjeltec 1026 distilling unit can be combined with Tecator digestors to perform Kjeldahl and other steam distillation analyses. The new distiller is designed to complete a Kjeldahl distillation in about four minutes. All steps are microprocessor controlled. Alkali volume, delay and distillation time can be preset and are indicated by LEDs. Contact: Tecator Inc., PO Box 405, Herndon, VA 22070, or Tecator AB, Box 70, 263 01 Höganäs, Sweden.

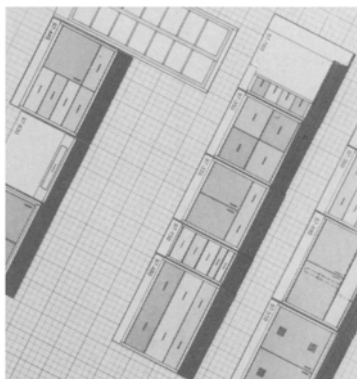
### VACUUM PUMP

The Centriflow CVP50 is designed to pump gases containing high volumes of water vapor, acids or solvents. It does not require the use of foreline traps and operates at vapor input pressures up to 500 mbar. The absence of close tolerances allows the pump to work at high temperatures. Contact: Genevac Ltd., Alpha Works, Whitehouse Rd., Ipswich IP1 5LU England.

### SPECTRUM REACTOR

The Autoclave-Xytel Spectrum

from Autoclave Engineers is a reconfigurable stirred reactor designed to work at pressures up to 5,000 psi and temperatures to 500 C. The reactor can be operated as a stand-alone unit or as part of an integrated system. It has three separate sets of internals, and custom-designed internals for special applications are available. Contact: Autoclave Engineers Inc., 2930 W. 22nd St., PO Box 4007, Erie, PA 16512.



### LAB DESIGN

Fisher Scientific has published a new edition of its laboratory planning kit. The kit provides punch-outs scaled 1:12, in both top and elevation views, for arrangement on plasticized, scaled layout sheets. The models are designed for industrial, educational and govern-

mental laboratories. Contact: Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219.

### BALANCE

Brinkmann Instruments Inc. has introduced the Sartorius Plus balance for use in process, production and quality control laboratories. The top-loading balance is equipped for differential weighing, net-weighing, checkweighing, formulating and compounding. Features include backweighing to zero; plus/minus indication; recall of total weight and sample number; and bi-directional data output. Contact: Brinkmann Instruments Inc., Cantiague Road, Westbury, NY 11590.

### SOFTWARE

The HP 3393A file server, new software developed for Hewlett-Packard's computing integrator, links up to an MS-DOS PC to provide centralized archiving of integrator-file types on the PC disk drive. Integrator-report data can be used with spreadsheet programs such as Lotus 1-2-3. Chromatographic data can be transmitted between the integrator and the PC. Contact: Hewlett-Packard Co., 1000 NE Circle Blvd., Corvallis, OR 97330.

# Handbook of Soy Oil Processing and Utilization

Edited by

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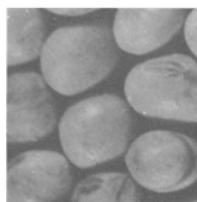
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