

## Publications

### New Publications

From Heyden & Son Inc., 247 S. 41st St., Philadelphia, PA 19104:

**Mass Spectrometry, Vol. 7**, edited by R.A.W. Johnstone, Royal Society of Chemistry, 1985, 440 pp., \$92.

**Macromolecular Chemistry, Vol. 3**, edited by A.D. Jenkins and J.F. Kennedy, Royal Society of Chemistry, 1985, 472 pp., \$175.

**Recent Advances in the Plant Sciences: Applications to Agriculture and Agricultural Products**, Congressional Research Service, Superintendent of Documents, Department 36-MQ, Washington, DC 20402, 1985, 131 pp., \$4.

**Import Practice: Customs and International Trade Law**, by David Serko, Practising Law Institute, 810 Seventh Ave., New York, NY 10019, 1985, 452 pp., \$50.

**Surface Coatings, Vol. 2: Paints and Their Applications**, Oil and Colour Chemists' Association, Australia, Chapman and Hall, Methuen Inc., 29 W. 35th St., New York, NY 10001, 1985, 899 pp., \$65.

**Advances in Cereal Science and Technology, Vol. VII**, edited by Y. Pomeranz, American Association of Cereal Chemists Inc., 3340 Pilot Knob Rd., St. Paul, MN 55121, 1985, 359 pp., \$49 AACC members, \$60 non-members.

**Principles of Quality Assurance of Chemical Measurements**, National Bureau of Standards, National Technical Information Service, Springfield, VA 22161, 1985, \$11.50. Publication Number PB #85-177947/AS.

**Mycotoxins: A Canadian Perspective**, Canada's National Research Council, Publication No. NRCC 22848, Publications, NRCC/CNRC Ottawa, Ontario, Canada K1A 0R6, \$8.

**Sharing Research Data**, Committee on National Statistics, National Academy Press, National Academy of Science, 2101 Constitution Ave. NW, Washington, DC 20418, 1985, 240 pp., \$17.50.

**Bailey's Industrial Oil and Fat Products, Vol. 3**, edited by Thomas H. Applewhite, John Wiley & Sons Inc., 605 Third Ave., New York, NY 10158, 1985, 448 pp., \$55.

### PORIM symposium proceedings

Proceedings of a Symposium on Cocoa Butter and Replacer Fats held earlier this year in Kuala Lumpur will be available through the Palm Oil Research Institute of Malaysia (PORIM).

Topics for symposium papers were: Present and Future Prospects for the Cocoa Bean Processing Industry in Malaysia; Production and Marketing of Cocoa Bean Products and Cocoa Butter Replacer Fats from Malaysia; Chemical Composition and Physical Properties of Cocoa Butter and Replacer Fats; Evaluation of Cocoa Butter and Replacer Fats; Industrial Application of Cocoa Butter and Replacer Fats; Malaysian Cocoa Butter, and Formulation of Cocoa Butter Extender from Palm Oil Mid-Fraction and SOS-type Fats.

For further information, please contact: Ooi Cheng Keat, secretary, Oils and Fats Section, Malaysian Institute of Chemistry, c/o C&T Div., PORIM, PO Box 10620, Kuala Lumpur, Malaysia.

### Soy Oil Handbook reprinted

The American Oil Chemists' Society has sold out the second printing of its Monograph No. 7, *Handbook of Soy Oil Processing and Utilization*. A third printing has been ordered, but rising printing costs will mean copies of the third printing will sell at \$20 a copy, an increase of \$8. Persons whose orders were being processed when the supply was sold out will be sold books at the old price; orders received later will be filled at the \$20 price.

## New Products

### SAFETY COATING

American Abrasive Metals' chemical-resistant EPOXO is a non-slip safety coating to prevent falls caused by hazardous surfaces. EPOXO, which meets OSHA requirements, is designed to withstand grease, oil, water and most chemicals and can be used indoors and out, in laboratories, around vats and tubs and on stairs and ramps. It is available in one- and five-gallon kits. Contact: American Abrasive Metals Co., 460 Coit St., Irvington, NJ 07111.

### TREND RECORDER

A pH/conductivity trend recorder is available from the Cedar Grove Division of Beckman Industrial Corp. Designed primarily to accept signals from pH and conductivity transmitters, the Model RTB trend recorder can accept either 0-5 VDC or 4-20

maDC signals. The recorder, with a 2 5/16-inch chart width, features inkless recording and a take-up spool with a panel-mounted advance thumbwheel. Contact: Cedar Grove Division, Beckman Industrial Corp., 89 Commerce Rd., Cedar Grove, NJ 07009.



### CHEMICAL DISPENSER

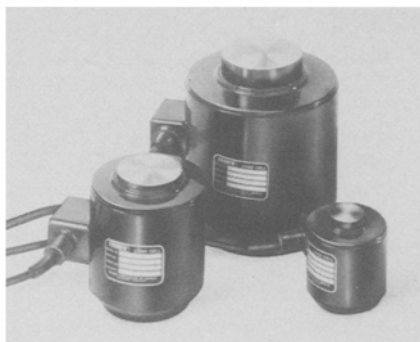
Bel-Art's safety chemical dispenser is bench mounted to allow one hand tilting for pouring acids, caustics and solvents. Models holding two 2.5 or

4 liter bottles are available. The dispenser frame is made of welded steel coated with polyphenylene sulfide. Contact: Bel-Art Products, Pequannock, NJ 07440.

### COMPOSITION ANALYZER

Trebor Industries' composition analyzer is designed to measure protein, oil, moisture, fiber, sugar, starch and other organic constituents without grinding, heating or other sample preparation. The Trebor-99 analyzer uses the light transmittance technique to provide direct constituent measurement based on changes in the infrared spectra of light as it passes through the sample. The instrument gives digital read-outs. A built-in microcomputer allows calibration retention of six products, each with three constituents. Contact: Trebor Industries Inc., PO Box 2159, Gaithersburg, MD 20879.

## New Products



### COMPRESSION LOAD CELL

Revere has introduced a high capacity compression load cell, Model GPC, designed for a variety of process weighing applications such as automatic batching and inventory control systems. Features include all-steel construction and metal-to-metal welded hermetic seals for use in adverse chemical environments and washdown areas. The load cell is available in capacities from 10,000 to 500,000 pounds. Operating temperature is -40 to 150 F (-40 to 66 C). Contact: Revere Corp. of America, PO Box 56, Wallingford, CT 06492.

### CRYOGENIC CONTAINER

Andonian Cryogenics claims those using two or more compressed gas cylinders of nitrogen, oxygen or argon a week can save approximately 50% of the cost of compressed gas by using its 240 liter Gas-Pack container. Designed with a capacity equivalent to approximately 24 high pressure gas cylinders, the containers can reduce handling, system contamination, purging and downtime. The Gas-Pack operates at a maximum of 235 psi, instead of 2400 psi for compressed gas cylinders. The container can be used both for liquid withdrawal or gas withdrawal, and is caster mounted for easier handling. Contact: Andonian Cryogenics Inc.,

26 Farwell St., Newtonville, MA 02160.

### SAFETY COATED CARBOYS

Wheaton Safety Container offers a line of safety coated glassware and glass carboys for laboratory use. Most standard laboratory glassware, including beakers, flasks and volumetrics, are available coated with the "Second Skin" unipack resistant high tear thermo plastic. In addition, safety coated glass carboys are available in sizes up to 12 gallons. Contact: Wheaton Safety Container, Route 40, May Landing, NJ 08330.

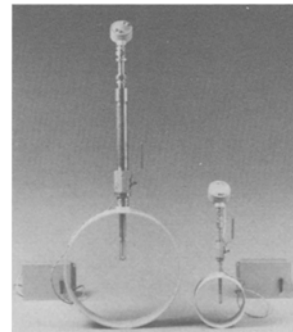
### ION-SELECTIVE ELECTRODE

An ion-selective electrode from Fisher Scientific is designed to expedite sodium measurements wherever sensitive discrimination between sodium levels is needed. Applications include biological samples, water treatment, seawater intrusion studies, general process control and food technology. The electrode permits direct potentiometric measurement of sodium ion activity in aqueous solutions. The instrument is 13 cm long and comes with removable bulb protector. Contact: Fisher Scientific, 711 Forbes Ave., Pittsburgh, PA 15219.

### CABINETS FOR CORROSIVES

Justrite Manufacturing offers two piggyback style cabinets designed to minimize the hazard of storing acids and caustics in the workplace. The cabinets, in 12 or 17 gallon capacities, are coated with a chemical resistant blue finish and conspicuously labeled to identify the contents. Polyethylene spill catcher trays are placed to contain drips on the inside. Cabinets may be mounted on counters or on top of

other cabinets. Contact: Justrite Manufacturing Co., 2454 Dempster St., Des Plaines, IL 60016.



### MASS FLOW METER

Kurz Instruments' electronic insertion mass flow meter features an all-metal mass flow sensor. The series 515/555 products include a stainless steel ball valve retractor assembly to allow for hot tap installation. The metal mass flow sensor is designed to measure gas flows with velocities as low as 10 feet per min. Electronics include a linear 0-5 Vdc output and NBS-traceable calibration. Contact: Kurz Instruments Inc., PO Box 849, Carmel Valley, CA 93924.

### MIXTURE INSTRUMENT SYSTEM

IBM Instruments' GC/FTIR system is designed to purify and characterize mixtures such as flavors, fragrances, petrochemical products and environmental samples. The system combines a multidimensional gas chromatograph, the GC/9630, with a Fourier transform infrared spectrometer, the IR/85 or IR/90. Data are analyzed with a new computer, the Aspect 3000. The integrated system uses column switching techniques to enhance the detection ranges of trace amounts in complex mixtures. Contact: IBM Instruments Inc., PO Box 332, Danbury, CT 06810.

## Calendar

### AOCS NATIONAL MEETINGS

Annual Meeting, May 14-18, 1986, Hilton Hawaiian Village, Honolulu, Hawaii.

Annual Meeting, May 6-10, 1987, Fairmont Hotel, New Orleans, Louisiana.

Annual Meeting, May 8-12, 1988, Hilton and Hyatt Hotels, Phoenix, Arizona.

### AOCS WORLD CONFERENCES

World Conference on Emerging Technology in the Fats and Oils Industry (with the Objective of Improving Quality and Efficiency), Nov. 3-8, 1985, Cannes, France.

World Conference on Detergents, Oct. 5-10, 1986, Montreux, Switzerland.

World Conference on Biotechnology, Sept. 27-Oct. 2, 1987, Hamburg, West Germany.

World Conference on Jojoba, Jan. 17-22, 1988, Phoenix, Arizona.

### 1985

#### September

2nd International Symposium on the Synthesis and Applications of Isotopically Labeled Compounds, Sept. 3-7, 1985, Kansas City, Missouri. Contact: Dr. Donald Wilk, Symposium Coordinator, School of Pharmacy, 5100 Rockhill Road, Kansas City, MO 64110.