

Publications

Nostrand Reinhold Co., 115 Fifth Ave., New York, NY 10003, 1986, 340 pp., \$32.95.

The Manufacture of Soaps, Other Detergents and Glycerine, by Edgar Woollatt, John Wiley & Sons Inc., 605 Third Ave., New York, NY 10158, 1985, 473 pp., \$125.

Biotechnology in Food Processing, edited by Susan K. Harlander and Theodore P. Labuza, Noyes Publications, Mill Rd. at Grand Ave., Park Ridge, NJ 07656, 1986, 323 pp., \$48.

Jojoba: Proceedings of the Sixth International Conference on Jojoba and Its Uses, edited by Jaime Wisniak and Jacob Za-

bicky, Jojoba Growers Association, 142 Front St., Avila Beach, CA 93424, 1985, 453 pp., \$30 in the U.S., \$38 elsewhere.

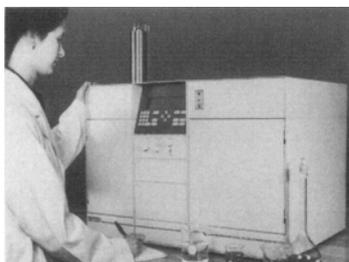
TSCA Chemical Substance Inventory: 1985 Edition, published by the Environmental Protection Agency. The five-volume set includes chemical identities for all substances reported to EPA under the Toxic Substances Control Act as manufactured, imported or processed for commercial purposes in the U.S. since 1975. Order from Superintendent of Documents, Government Printing Office, Washington, DC 20402, Stock No. 055-000-00254-1, \$161 for U.S. orders, \$201.25 for foreign sales.

Other publications

The Asia and Pacific Coconut Community in July published the third issue of its biannual publication, *CORD, Coconut Research and Development*. *CORD* is devoted to research and development activities in the coconut industry. Subscription rates per copy are \$7.50 for Asia and the Pacific, \$10 for the U.S. and Europe. Contact: Asian & Pacific Coconut Community, PO Box 343, Jakarta, Indonesia.

The Palm Oil Research Institute of Malaysia has a new publication available entitled "Beneficial Effects of Palm Oil on Arterial Thrombosis (Rat) and Atherosclerosis (Rabbit)." For a free copy, write to: Director General, PORIM, PO Box 10620, 50720 Kuala Lumpur, Malaysia.

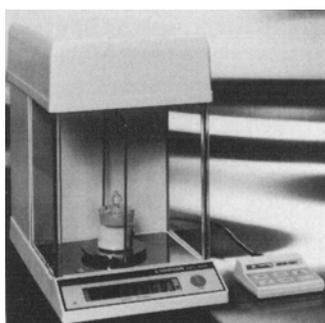
New Products



CHROMATOGRAPH

Suprex Model SFC/200A supercritical fluid chromatograph is designed to analyze triglycerides, polymers or oligomers, surfactants, hydrocarbons, pesticides, pharmaceuticals and other nonvolatile, thermally labile, hard-to-derivatize, non-UV-absorbing or complex analytes. The instrument combines high resolution and low operating temperatures with the ability to use both GC and LC detectors. Features include a specially designed syringe pump, SFC injection system, chromatographic oven with temperature control, the ability to use

capillary or packed microbore columns, and a flame ionization detector. Contact: Suprex Corp., SFC Research Center, 125 William Pitt Way, Pittsburgh, PA 15238.



ELECTRONIC BALANCES

Shimadzu offers a series of high precision electronic analytical balances with automatic features, including optional PC interfacing. Libror AEL-200, a suspended pan model, features constant power pulse width modulation, fully automatic calibration, menu-operative parameter selection, automatic zero-

point tracking and standard TTL serial input/output terminal. Capacity of the AEL-200 is 200 g in 0.1 mg units, with 0.01 mg internal resolution. Other analytical balances recently introduced include the EB-280/2800, a top-loading high performance model with two weighing ranges—0–280 g/10 g readability and 0–2800 g/100 g readability—and the EB-50K, a platform reading balance for large-capacity weighing up to 50 kg at 1 g readability. Details: Shimadzu Scientific Instruments Inc., 7102 Riverwood Dr., Columbia, MD 21046.

WATER PURIFICATION

Labconco Corp. has introduced the WaterPro systems, a line of water purification equipment. The WaterPro work station is a fully enclosed cabinet designed to deliver up to 2,160 liters per day of RO grade water and 200 liters per day of Type I water. For labs using small amounts of pure water, a bench top

New Products

unit, Water Prodigy, produces up to 15 liters per day of Type I water. The work station is designed for applications requiring ion-free, bacteria-free, pyrogen-free and organic-free water. Contact: Lab-conco, telephone 1-800-821-5525.

REFRACTOMETER

Reichert Scientific Instruments' automatic refractometer, the Reichert Auto Abbe, features automatic accuracy by eliminating optical alignment of a shadow line and interpolation. To obtain a measurement, the operator places the sample on the prism, pushes the "read" button and reads the results displayed. The company said Brix measurements will automatically be corrected to 20 C. Features include up to 15 factory programmed channels for measurement of percent solids in up to 15 materials. Readouts can be obtained in refractive index, Brix and percent solids. Contact: Reichert Scientific Instruments, PO Box 123, Buffalo, NY 14240.

INDICATING TUBE

Supelco's OMI-1 oxygen/moisture indicating tube is designed for installation downstream from a gas purifying device to indicate whether moisture and oxygen are being effectively eliminated from the GC system. According to the company, as little as one part per million of moisture and oxygen will change the indicating resin from black to

brown. A rapid change in color indicates the purifier is spent, the carrier gas is severely contaminated or the system has a leak. The tubes, which can be used with hydrogen, nitrogen, inert gases and argon-methane mixtures, also indicate the presence of carbon dioxide and hydrogen. Contact: Supelco Inc., Supelco Park, Bellefonte, PA 16823-0048.

DRUM FILLING MACHINES

Serac offers a line of net weight drum fillers designed for applications in food, chemicals, lubricants and detergents. The stainless steel drum fillers incorporate Toledo Scale electronics; semiautomatic and fully automatic filling systems are available. All include easy changeover and capabilities for filling either open top drums or drums with offset bung location. Maximum weight capacity is 660 lb per station. Standard features include electronic console with digital display, target selection keypad and signals for fast and slow filling. Contact: Serac Inc., 1209 Capitol Dr., Addison, IL 60101.

DATA SYSTEM

LCD/Milton Roy's MP3000 chromatography control and data system provides dual channel integration with high resolution interactive graphics. It is designed to control up to three HPLC pumps and perform multitask operations. The instrument can be interfaced to a floppy

disk to provide extended memory up to two megabytes and has RS232C interface. Contact: LDC/Milton Roy, PO Box 10235, Riviera Beach, FL 33404.

SPECTROPHOTOMETER

Perkin-Elmer's Model 5100 atomic absorption spectrophotometer is offered in configurations that may include flame, conventional graphite furnace or Zeeman spectroscopy. The instrument is fully automated to provide multi-element analysis with the capability of determining up to 10 elements in as many as 50 samples with one method. Functions of the instrument are controlled through Perkin-Elmer series 7000 professional computer, including wavelength, slit, lamp position, gas flows and other parameters. Contact: Perkin-Elmer Corp., 761 Main Ave., Norwalk, CT 06859-0012.

WATER ANALYSIS

Tecatur's FIAstar analyzer using a flow injection analysis principle for water analysis is designed to handle 80 to 160 samples per hour. The instrument is an integrated, microprocessor-controlled system which includes a detector controller with built-in four-color printer/plotter for spectrophotometer or photometer, analyzer and auto sampler. Contact: Tecator Inc., PO Box 405, Herndon, VA 22070.

GEL FILTRATION KIT

Advanced Separation Technologies offers a gel filtration kit using a crosslinked hydroxypropylated media in a four-column series. The kit is designed to provide rapid separation on a stable hydrophilic matrix. According to the company, the increased structural stability of the crosslinked hydroxypropylated media allows higher flow rates and has a low nonspecific adsorbance for proteins and biological molecules to produce higher overall yields. The kit includes four prepacked 1.5 x 5.0 cm glass columns, with media size limits of 10,000 MW, 16,000 MW, 30,000 MW and 70,000 MW. Advanced Separation Technologies, PO Box 297, Whippany, NJ 07981.

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Highest quality stainless steel, seamless, welded handle

Used in conjunction with AOCs Official Method Ca9a-52 to determine the refining loss of free fatty acids, oil and impurities when the sample is treated with alkali solutions under test conditions. The method applies to crude peanut oil, crude coconut oil, crude corn oil, crude soybean oil (expeller and hydraulic), and crude cottonseed oil (expeller and hydraulic). Cup dimensions: 4 1/2 inch diameter and 4 1/8 inch depth. Capacity: 960 ml.

Price (Postage and handling extra)
Carton of 6 cups: \$96/carton
Broken cartons: \$20/cup

Order From
American Oil Chemists' Society
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