

Manufacturers' Literature

HPLC software. Brochure describes the Data Master HPLC system software with combined gradient control and data analysis functions. Analysis functions include real-time and post-run quantification of peaks, automatic analysis and storage of multiple runs, and multilevel calibration; control functions include solvent and flow programming and automatic sample integration with sample injection. 11 pp. Gilson Medical Electronics **425**

Teknivent News. Volume I features articles on low-cost work stations for chromatography and mass spectrometry based on the IBM PC, a new data system to automate Hewlett-Packard mass spectrometers, and upgraded equipment for Finnegan 6000 series data systems. 4 pp. Teknivent **426**

"Topics in SIMS." Topics covered in a series of short technical notes include validation of SIMS data, dopant concentrations near the SiO₂ interface, effects of primary ion energy and angle of incidence on yield, and profile distortions in SIMS depth profiling. Atomika, Inc. **427**

"Lock-In Applications Anthology." Use of lock-in amplifiers in a variety of low-level signal measurements is illustrated. The booklet contains 20 application notes and is divided into six sections covering solid-state, spectroscopic, electrochemical, mechanical, instrumental, and engineering applications. 76 pp. EG&G Princeton Applied Research **428**

UV-VIS spectrophotometer. Data sheet details the Lambda 1A instrument, which is designed specifically for quantitative applications and offers three operating modes, nine memory locations, and integration of absorbance value. Instrument specifications are listed along with available accessories. Perkin-Elmer **429**

Nonmetallic safety containers. Literature describes use, capacity, and dimensions of Type I and Type II cans, oval cans, plunger cans, dispenser cans, disposal cans, and corrosives cans. 4 pp. Justrite Manufacturing Co. **430**

Elemental analyzer. Brochure describes the Erba Model 1106 analyzer, which can perform 50 CHN, O, and S determinations in 6 h. A schematic diagram of the system is shown together with detailed explanations of operating principles, the instantaneous combustion-reduction system, detector, auto-sampler, chromatographic columns, and data processor. 7 pp. Erba Instruments, Inc. **431**

Food and beverage analysis. Technical guide includes 21 methods for the use of pH and ion-selective electrodes in food and beverage analyses. Also included are information on measurement techniques, how to measure on a per-sample basis, temperature problems affecting pH, and a bibliography. 50 pp. Orion Research **432**

Optical multichannel spectrum analyzer. Booklet discusses the features of the TN-6500 analyzer's diode array parallel detector system and their relation to stopped-flow, chemical kinetics, plasma etch, HPLC, UV-VIS, absorbance, Raman, and fluorescence applications. 20 pp. Tracor Northern **433**

Quick couplings. Guide covers fittings, available in thermoplastic and metal, that can handle vacuum and pressure lines up to 120 psi (250 psi for metal) at -40 to 180 °F. It also points out when metal or plastic fittings are appropriate, and describes straight-through and automatic shutoff couplings, special manifolds, and multiple mountings that can handle up to 10 flexible lines in a single connector. 28 pp. Colder Products Co. **434**

Preparative LC. Literature features an industrial system for process purification using both HPLC and LC at flow rates up to 100 L/h. The completely automated pump, detector operation, and microprocessor-based fraction collection package can be self-contained on a mobile LC bench. ISCO **435**

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The Wescan Ion Analyzer. No. 8 features articles on pharmaceutical analysis, acid and plating bath analysis, pulp and paper analysis, and tips on column and eluant selection. 8 pp. Wescan Instruments, Inc. **436**

Catalogs

Laboratory supplies. Catalog 133 details instruments, apparatus, furniture, vacuum pumps, chemicals, and supplies. 1744 pp. Sargent-Welch **438**

Plasticware. Catalog includes a guide to the structure and properties of resins, a chart of the chemical resistance of plastic resins, and a guide to the use and care of plasticware. 96 pp. Cole-Parmer **439**

Specialty gases and equipment. Descriptions, illustrations, and specifications for pure, mixed, and electronics gases are featured. Also detailed are equipment and instrumentation used in GC, basic and industrial research, calibration procedures, and gas handling. 192 pp. Airco **440**

1985 price list. Catalog is divided into sections covering products for chromatography, HPLC and IC, electrophoresis and molecular biology, and assays. 256 pp. Bio-Rad **441**

FT-IR/IR accessories. Brochure includes IR solid-, liquid-, and gas-sampling accessories, IR reflectance devices, microsampling devices, accessory kits, and a guide to material selection. 17 pp. Janos Technology **442**

Separation supplies. Catalog offers a complete line of hardware and supplies for HPLC, GC, TLC, column chromatography, electrophoresis, and tissue culture. American Laboratory Supply Co., Inc. **443**

Chemicals. 1985 catalog features 1400 new products, including chemicals, lab equipment, liquid-liquid extractors, models, carbon-13 labeled compounds, and NMR supplies. 40 pp. Aldrich Chemical Co. **444**