



AA-6500 series spectrometers feature EPA-recommended Smith-Hieftje and deuterium background corrections. Automatic standard and sample dilution, matrix modification, calibration, flame-to-furnace switching, gas flow optimization, gas leakage detection, and atomizer alignment optimization are also included. Shimadzu **412**

Other features include enzyme digest reports with Bull-Breese or HPLC indices and MS data prediction from liquid SIMS, FAB, and electrospray ionization MS. Kratos Analytical **413**

IR. Spectral Interpretation Guide software has information on more than 125 IR spectra grouped according to chemical class. The important spectral features of each class are highlighted, and vibrational assignments, nomenclature, and chemical information are available. Nicolet **414**

Polymer analysis. Designed for use on Silicon Graphics and IBM RISC System/6000 workstations, Networks is a modeling program for calculating structural properties of polymeric networks, elastomers, and gels. A Monte Carlo sampling procedure and bonding algorithms are used to simulate typical cross-linking or cure reactions that form gels, elastomers, adhesives, and coatings. Biosym **415**

Manufacturers' Literature

Safety. "Personnel & Product Protection: A Guide to Biosafety Enclosures" includes information on definitions of biohazards and biosafety levels, classification of safety cabinets, and use and maintenance of enclosures. A glossary and a bibliography are included. 16 pp. Labconco **416**

Centrifuge. Brochure describes the KR422 high-capacity refrigerated floor model centrifuge. Special features such as available rotor systems,

accessories, and aerosol containment systems, as well as microprocessor functions, are highlighted. Jouan **417**

TLC. "Planar Chromatography" discusses the criteria for choosing TLC as an analytical method; procedural steps, sample application, and chromatogram development in TLC; state-of-the-art densitometry; and areas of application of TLC. 8 pp. Camag **418**

Air monitoring. Bulletin K-35B describes portable IR ambient air analyzers designed for detecting single or multiple toxic gases. The monitors, which can be used for emergency detection and continuous monitoring, are suitable for OSHA and EPA compliance testing. 6 pp. Foxboro **419**

GC. "Capillary Selection Guide" provides technical information and applications for capillary GC and electrophoresis columns. A table of problems that can result from using the wrong column is included. 32 pp. Supelco **420**

Newsletter. "News from the Planar Chromatography Front" emphasizes quantitative and instrumental TLC. Information on an automatic developing chamber and sampler, twin-trough chambers, and TLC symposia and workshops is included. Technical advice and recommended reading are also provided. 4 pp. Camag **421**

Reflectance spectroscopy. Brochure describes accessories that allow for measurement of specular and diffuse reflectance, diffuse transmittance, and reference standards. A description of a guide to the basics of UV-vis and near-IR spectroscopic applications and techniques is also provided. 5 pp. Labsphere **422**

Laboratory safety. A review of spill and exposure classifications for 22 hazardous or potentially hazardous chemical groups, spill treatment procedures and protective equipment, and a reference list of incompatible chemicals are included in the "Laboratory Safety Reference Guide." 44 pp. EM Science **423**

Catalogs

TLC. *Planar Chromatography: TLC Plates and Accessories* features a complete line of TLC plates, adsorbents, sample applicators, developing sys-

tems, UV visualization equipment, and other TLC accessories. 44 pp. Alltech **424**

Electrooptical equipment. Volume 1 of *Precision Products for Lasers and Optics* features micropositioning controllers for dc motor actuators; computer-driven stepping motor controllers; visible diode lasers; laser accessories; and optical tables, mounts, and benches. 234 pp. Oriel **425**

Ion chromatography. Bulletin 217 contains a column selection guide, columns, standards, buffer concentrates, accessories, filters, sample preparation supplies, fittings and adaptors, pH and conductivity testers, heaters, pumps, detectors, and lists of publications and application notes. 63 pp. Alltech **426**

Standards. Catalog contains EPA method standards for organic compounds in groundwater and drinking water. Standards for pesticides, herbicides, phenols, PCBs, food additives, and vitamins are included. 19 pp. Polyscience **427**

SFC. Brochure features pure-grade fluids and gas mixtures, with emphasis on SFE-grade CO₂. Properties of supercritical fluids are evaluated. Equipment for SFC and SFE applications is described and illustrated. Instrumental accessories and technical information are included. 12 pp. Scott Specialty Gases **428**

Plasticware. Catalog features more than 5100 products, including bags, beakers, bottles, centrifuge ware, compression fittings, containers, dispensers, funnels, hand pumps, tanks, tubing, and vials. Charts of chemical resistance and physical properties of resins are included. Cole-Parmer **429**

Laboratory products. Catalog supplies information on the characteristics, specifications, and performance of lab equipment, including baths and circulators, temperature cyclers, a multiple inoculator, a hybridization incubator, biological stirrers, density gradient columns, fluidized baths, and portable temperature calibrators. 20 pp. Techne **430**

HPLC. "Chromatography Essentials" features selected accessories for HPLC systems, including plumbing supplies, sample handling and solvent preparation products, fittings, and pump replacement parts. Supelco **431**