

## MANUFACTURERS' LITERATURE

**Research Enzymes and Diagnostic Reagents.** A 52-page publication is a comprehensive catalog listing hundreds of the company's high-purity enzymes for research and a complete line of diagnostic reagents. New additions include 73 basic nucleotides, other enzymes and substrates, and analytical services which include complete amino acid and ultracentrifugal analysis. Worthington Biochemical Corp., Freehold, N. J. 07728 **601**

**Differential Scanning Calorimetry Bibliography.** Eighteen pages give a bibliography of publications wherein applications of P-E thermal analysis systems are described. The bibliography is arranged alphabetically according to major journal and chronologically within the journal listing. Perkin-Elmer Corp., Norwalk, Conn. 06852 **602**

**Research Chemicals.** A new 1971 catalog of research chemicals contains over 3000 entries of interest to workers in the fields of electron microscopy, life sciences, polymer research, organic chemistry, and biomedical engineering. Polysciences, Inc., Warrington, Pa. 18976 **603**

**Liquid Crystals in Nmr.** Publication No. JJ-15, a bibliography of liquid crystals in nmr, lists 45 journal papers on the application of liquid crystals to nmr studies. Eastman Kodak Co., Rochester, N. Y. 14650 **604**

**Sample Preparation for Spectroscopists.** A catalog and price list, 14 pages, contains information on sample preparation and handling techniques for emission, infrared, and X-ray spectroscopists. Spex Industries, Inc., P. O. Box 798, Metuchen, N. J. 08840 **605**

**Gc and Tlc Supplies.** Catalog 14, the 1971 catalog, 68 pages, contains detailed information and prices on gas and thin layer chromatography supplies and high purity lipids. Applied Science Laboratories, Inc., P. O. Box 440, State College, Pa. 16801 **606**

**Gc Valves.** Bulletin 2055, 14 pages, offers a valve selection chart with 36 applications, a series of new plumbing diagrams, a discussion of 18 different valving techniques, and the introduction of a new family of high performance minivalves. Carle Instruments, Inc., 1141 E. Ash Ave., Fullerton, Calif. 92631 **607**

**Chromatography Catalog.** The 1971 catalog on gc, tlc, and lc supplies and chemicals also includes an extensive section on high purity reference standards (lipids, amino acids, pesticides, etc.). The listing of glass columns for gc is the most complete available. Supelco, Inc., Supelco Park, Bellefonte, Pa. 16823 **608**

**Digital Thermometers.** A 4-page folder gives complete specifications and specific applications in industry and research for its new line of digital thermometers: Models TM 15, TM 16, TM 17, and TM 18. Mettler Instrument Corp., 20 Nassau St., Princeton, N. J. 08540 **609**

**Educational Spectrometer.** Four pages describe and illustrate the ES-100, a modular educational spectrometer, together with peripheral equipment. Barnes Engineering Co., 30 Commerce Rd., Stamford, Conn. 06902 **610**

**Stopcocks.** Eight pages contain information on the complete Springham line of stopcocks including hollow plug, solid plug, vacuum, buret, and Interkey models. Pope Scientific, Inc., P. O. Box 495, Menomonee Falls, Wis. 53051 **611**

**Temperature Programmer/Controller.** Four pages describe a small, lightweight unit for programmed temperature applications. The Model PC-6010 can add programming to heated baths, chambers, etc., Model PC-6010C extends the programming to cooling. Valley Forge Instrument Co., Inc., 926 Westbury Dr., Westbury, N. Y. 11590 **612**

**Moisture Analyzer.** Bulletin 4101, 12 pages, describes and illustrates seven versions of the Model 340 trace moisture analyzer. The analyzer based on a phosphorus pentoxide detector cell is applicable in monitoring processed gaseous streams, bottled gas, dry gas atmospheres, etc., for ppm moisture content. Beckman Instruments, Inc., 2500 Harbor Blvd., Fullerton, Calif. 92634 **613**

**Nonaqueous Titrimetry Materials.** Publication JJ-4, 33 pages, includes, in addition to solvent, titrant, and indicator lists for nonaqueous titrimetry, sections on solvent types, solvent selection, tests for determining purity, and methods of purification. Eastman Kodak Co., Rochester, N. Y. 14650 **614**

### Samford University's, Dr. J. H. Langston:

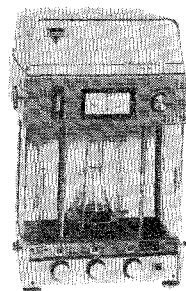
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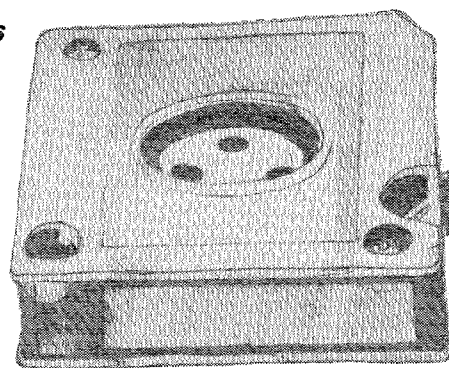
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## Manufacturers' Literature

**Mercury Vapor Meter.** Two pages, Bulletin 4069-A, describe a 7-lb, portable direct reading mercury vapor meter (uv filter photometer) for instantaneous reading of the toxicity level of mercury vapor in factories, mines, hospitals, etc. Beckman Instruments, Inc., 2500 Harbor Blvd., Fullerton, Calif. 92634 **615**

**Selection Guide for Liquid Scintillation Counting.** Bulletin 53, 6 pages, features a wide range of liquid scintillators, chemicals, solvents, and allied materials for internal counting needs. A detailed comparison of properties enables the user to choose the scintillator most suited to his needs. Nuclear Enterprises, Ltd., Sighthill, Edinburgh 11, Scotland **616**

**Recording Densitometer.** Four pages picture, describe, and give specifications for the Model RD-2 recording densitometer. The instrument provides automatic readout and plotting of black and white film densities. Itek Corp., 10 Maguire Rd., Lexington, Mass. 02173 **617**

**Air Pollutant Determinations by Aa.** A technical paper, Reprint AA-595, details procedures for determining low levels of cadmium, chromium, cobalt, copper, iron, lead, manganese, nickel, and zinc in air samples by atomic absorption analysis. Perkin-Elmer Corp., Norwalk, Conn. 06852 **618**

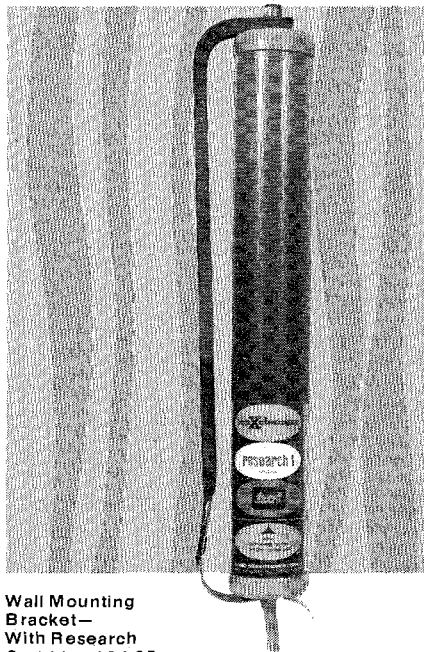
**Oscillographs.** Bulletin G-3, 12 pages, describes components used in oscillographs and oscillograph systems. This in-depth brochure provides detailed specifications on a complete recording system—signal conditioning, amplifiers, oscillographs, galvanometers, meter panels and wiring, and enclosure or console. B & F Instruments, Inc., Cornwells Heights, Pa. 19020 **619**

**Automatic Glassware Washer.** A 12-page full-color bulletin describes a completely automatic glassware washer, the Jet-Clean. Fisher Scientific Co., 312 Fisher Bldg., Pittsburgh, Pa. 15219 **620**

**Thermal Analysis Reprints.** "Thermal Analysis," 32 pages, is a collection of articles reprinted from the company's *Instrument News*. Perkin-Elmer Corp., Norwalk, Conn. 06852 **621**

**Atomic Absorption.** A 12-page catalog provides full details on the B&L AC2-20 spectrometer. The instrument operates efficiently as an atomic absorption, flame emission, and uv-vis spectrophotometer without instrument modifications. Bausch & Lomb, Rochester, N. Y. 14602 **622**

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**Photomultiplier Tubes.** A 48-page photomultiplier tube and accessory catalog includes a new series of squirrel cage tubes, new, fast linear-focused tubes, new tubes with extended red cathodes, and new 3-in. and 4-in. bi-alkali tubes. Gencom Div. Varian/EMI, 80 Express St., Plainview, N. Y. 11803 **623**

**Katharometer.** A 2-page sheet describes a highly sensitive katharometer and katharometer amplifier. Sensitivity is 10 times better than conventional systems. The cell amplifier, an auto-zero board, and dual attenuator board are described and specifications given. Analytical Instruments, Ltd., Fowlmere, Cambridge, England. **624**

**Labeled Compounds.** The 1970-71 catalog of labeled compounds includes necessary information for ordering and shipping, and lists, with prices and specifications, carbon-14, nitrogen-15, carbon-13 compounds, deuterated solvents, and other services such as custom synthesis. Mallinckrodt, P. O. Box 5439, St. Louis, Mo. 63160 **625**

## Company Periodicals

*Requests for copies of the following publications should be sent directly to the address shown. Business or professional letterheads are requested.*

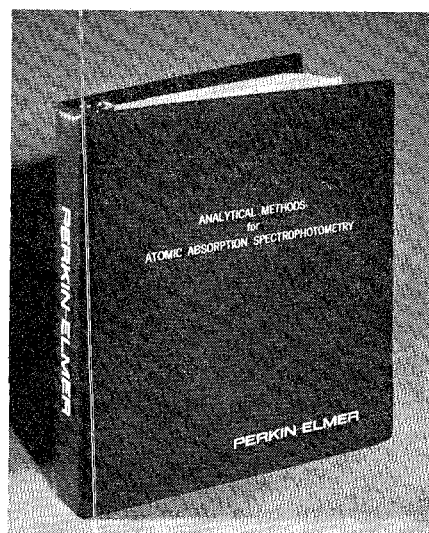
**Research Notes.** This 12-page issue contains articles on advanced temperature programming, phosphorous pesticide detection with AFID, a digital chart drive recorder, and ppb sulfur gas analysis by gc. Varian Aerograph, 2700 Mitchell Dr., Walnut Creek, Calif. 94598

**Gas-Chrom Newsletter.** Vol. 11, No. 5, 8 pages, includes articles on hydro-purge gas filters, novel steroid esters, and new columns for column and gas chromatography. Applied Science Laboratories, Inc., P. O. Box 440, State College, Pa. 16801

**Insight.** This six-page issue features a case history on scanning electron microscopic use in failure analysis. Other articles cover instruments and services of the company. Walter C. McCrone Assoc., 493 E. 31st St., Chicago, Ill. 60616

**Reflexions.** No. 2, 4 pages, deals mainly with applications of internal reflection spectroscopy to the uv-vis spectral regions. Attachments are described, diagrams given, and a bibliography included. Harrick Scientific Corp., Ossining, N. Y. 10562

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