

• *New Literature*

A new approach to the selective analysis of all amino acids in biological fluids is described in a 6 page bulletin, AB-114 available from TRACOR, Inc. Chromatograms illustrate the vital contribution of element selective detectors, particularly the electrolytic conductivity system. Sample clean-up is eliminated with increased response and total analysis time reduced by a factor of more than four compared to existing methods.

GLENCO SCIENTIFIC, INC. has just completed a new 60 page catalog entitled "Liquid Chromatography." This publication contains the world's most extensive listing of glass columns for high and low pressure work, as well as other essential hardware such as adjustable plungers, column extenders, water jackets, sample baskets, packing reservoirs, Teflon fittings and valves, plastic tubing, gradient elution apparatus, fraction collector, low and high pressure pumps. Separate listings are provided for Aqueous or Organic Solvent systems. Also included in this catalog are Gas Chromatography accessories such as the Glenco micro syringes, glass columns for GC, and Teflon stoppered glass sample tubes. Glenco specialties included are the Teflon-glass tissue homogenizers and the Teflon-glass reagent dispenser.

HACKER INSTRUMENTS, INC., West Caldwell, N.J., has just put out an illustrated four page brochure on the new Hilux 70 biological camera Microscope developed by Watson. Features of the Hilux 70 are interchangeable automatic 35 mm and Polaroid cameras, a high intensity halogen light source and instant conversion to microprojection. Copies may be obtained by writing to Hacker Instruments, Inc., P.O. Box 646, West Caldwell, N.J. 07006.

Graduate theses are an excellent source of reference and detailed information on research projects. The assembling of a large group of theses and the compiling of a bibliography of these on peanut research at the COASTAL PLAIN EXPERIMENT STATION LIBRARY, Tifton, Georgia, are of interest to research scientists working in this field. More than 200 theses on peanut research are currently included in this list. The purpose of this report is to provide subject references to these theses in a single listing. It includes a listing of theses arranged alphabetically by author followed by an alphabetical subject index. This information is not available in any other documents without extremely time consuming literature searches. Loans and/or xerox copies of most theses can be obtained from the library of the institution granting the degree or from University Microfilms.

A new, updated catalog covering custom design, as well as standard laboratory instrument glass equipment, is available from SCIENTIFIC GLASS BLOWING CO., INC., Houston, Texas, for qualified applicants in science, industry, and research. Some 250 pages give drawings and specifications, with many elaborated for specific use. Write Scientific Glass Blowing Co., Inc., P.O. Box 18353, Houston, Texas 77023.

A new technical bulletin on Glas-Tech columns for chromatography that lists prices and specifications for units from 2 ft to 20 ft long has been announced by BROOKS INSTRUMENT DIVISION, Emerson Electric Co., Hatfield, Pa. The standard Brooks Glas-Tech Chromatograph Columns are made of borosilicate glass tubing and are available in 2, 3, or 4 mm I.D. and 6 mm O.D. Special columns up to 1/2 in. O.D. and 3/8 in. I.D. can be produced to specifications with ends terminated as straight plain, sand blasted, special septum, glass-to-metal seals or other configurations. Included in the technical bulletin are prices and specifications and dimensional drawings of standard chromatograph columns.

More than 30 different laboratory items are illustrated and described by the SCIENTIFIC GLASS APPARATUS CO., INC., Bloomfield, N.J., in the latest edition of its quarterly publication entitled "What's New for the Laboratory,"

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which serves as a supplement to "SGA" Combined Catalog 69. Featured are two new Cahn Millibalances. One is a manual model with answers presented in numbers on a digit dial; the other, an electronic model with NIXIE tube readout. Two new Corning Digital pH Meters are also introduced . . . for measuring pH, millivolts or relative millivolts with either pH electrodes or specific ion electrodes. "What's New" also tells about the B&L 35 mm Micro/Macro System for technical photography and the Orion Model 855 Automatic Electrode Switch, enabling any pH meter on the market to do the work of six. Many other interesting items are also included.

WATER POLLUTION RESEARCH & APPLICATIONS, INC., Washington, D.C., is offering a new brochure entitled "Planning for Pollution Control." The literature introduces company personnel and covers the firm's concept of consulting on the technical, economic, social and political aspects of pollution control. The Washington, D.C. based firm specializes in air and water pollution abatement and solid wastes management.

"Unimodular Series 4000" is the title of a new 12 page bulletin describing a family of Fisher/Victoreen gas chromatographs specifically designed for versatility in chemical, biomedical and pesticide research. They are manufactured by FISHER SCIENTIFIC Co., Pittsburgh, Pa. Building-block design, combined with four-column and four detector-oven systems, makes for maximum flexibility (example: one arrangement permits use of 1/16 to 3/4 in. columns, dual-column linear programming, simultaneous employment of two or more detectors, automatic cryogenic analysis, backflush and column-switching). The catalog also describes the vibrating-reed electrometer (for optimum sensitivity, stability, reliability) standard in the 4000 series. Plus a new digital log electrometer, available for the first time anywhere as a standard component in gas chromatography.