

• New Literature

Reeve Angel of Clifton, N. J., has announced the availability of Whatman 1PS Phase Separating Paper—a water repellent paper that acts as a phase separator in place of conventional separatory funnels. No. 1PS will separate aqueous solutions from water immiscible solutions, quickly and conveniently. (Reeve Angel, 9 Bridewell Place, Clifton, N. J. 07014.)

A new bulletin is now available from the MICROTEK, subsidiary of TRACOR, INC. Bulletin AB 110 describes the dual-purpose flame photometric detector for use in gas chromatography. This detector gives specific response to phosphorus or sulfur-containing compounds in the flame photometric mode, with simultaneous response to hydrocarbon fractions in a regular flame ionization mode. Chromatograms of petroleum fractions, natural products, and vegetable residues illustrate the high specificity and sensitivity. (Tracor Analytical Instruments, 6500 Tracor Lane, Austin, Texas 78721.)

More than 125 products for laboratory and industrial use are featured in *The 1968 Gelman Catalog*, just published by the GELMAN INSTRUMENT COMPANY. (P. O. Box 1448, Ann Arbor, Mich. 48106.)

A 4-page bulletin describing the new, solid-state Electromate Portable pH Meter has just been issued by BECKMAN INSTRUMENTS, INC. Bulletin 7134 provides complete specifications for both versions of the instrument, which can be used under severest operating conditions in either laboratory, field, or manufacturing facility. (Technical Information Section, Scientific Instruments Division, Beckman Instruments, Inc., 2500 Harbor Blvd., Fullerton, Calif. 92634.)

A new 12-page Whatman Chromatography booklet gives general information on a wide range of Whatman products for paper, column, and thin layer chromatography. It contains brief descriptions of the major categories of Whatman Chromedia Products, as well as Whatman papers for chromatography and electrophoresis, the new Whatman Precision Chromatography Columns, column packings, and TLC adsorbents. Also included is valuable information on ion exchange papers, adsorbent loaded papers, glass fiber papers, and silicone treated paper. (Reeve Angel, 9 Bridewell Place, Clifton, N. J. 07014.)

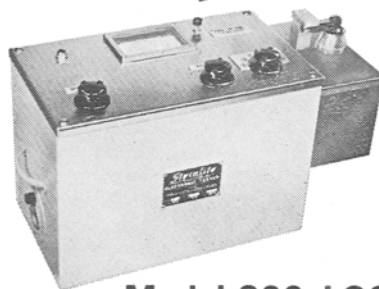
Proceedings of the Symposium on Margarine and New Edible Oil Products presented at the Annual Conference of Food Technology, June 9 to 12, 1968, in Banff, Alberta, have been published. The symposium was sponsored by the Food Products Branch of the Canada Department of Industry. In addition to five papers presented by experts from three different countries, the publication includes a review of the display and demonstration of margarines and new edible oil products held concurrently with the symposium. Papers presented were: Margarine Manufacture and Quality Standards in Western Europe, by K. F. Gander, Germany; Margarine Manufacture and Quality Standards in Canada, by R. J. Sweeney, Canada; The Technical Application of Vegetable Oils in the More Recent Substitute Dairy Products, by I. C. Graham, Canada; Manufacture and Quality of Dairy Substitutes, by H. D. Hamilton, United States; Nutritional Significance of Fats in Our Diet, by D. M. Hegsted, United States. Chairman of the symposium was L. C. Rupert, of the Canada Department of Industry, Food and Products Branch.

PHARMACIA FINE CHEMICALS announces the availability of a new preparative column, Sephadex Column K100/100 "Jacketed," especially designed for large scale gel filtration and ion exchange chromatography where scale-up of these applications is required. The K100/100 column has a borosilicate tube with an internal diameter of 10 cm and an overall length of 100 cm. (Pharmacia Fine Chemicals, Inc., 800 Centennial Avenue, Piscataway, New Jersey 08854.)

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A new Karl Fischer assembly has been added to the Radiometer line of "compatible" titration equipment. This advanced design allows rapid and accurate, automatic determinations of water content without exposure of reagents to atmospheric moisture. Protection against atmospheric humidity is insured by the use of desiccant absorption heads and a convenient closed suction system. Samples may be introduced, titrated and flushed away without removing the sample vessel. Burette refilling is also accomplished with suction. The complete titration is directly controlled by the pH meter and titrator control unit operating an integral, solenoid valve with all glass reagent surfaces. This combination forms a versatile team since the pH meter and controller can also be used independently for other measurements and titration procedures. (The London Company, 811 Sharon Drive, Cleveland, Ohio 44145.)

Two sophisticated integrators for amino acid analysis, gas chromatography and general laboratory data acquisition were announced today by INFOTRONICS CORPORATION. Known as the CRS-100A and the CRS-110A, the two instruments incorporate the most advanced integrated circuitry for maximum reliability and are compatible with the CRS-50 Laboratory Computer System.

The CRS-110A utilizes plug-in program modules for ease of operation and economy. It is ideal for routine applications and for use with analyzers in a computer system. The CRS-100A offers performance comparable with the CRS-110A, but includes a full complement of front panel controls. This flexibility suits the CRS-100A for use as a general purpose lab data system with amino acid analyzers, gas chromatographs, microdensitometers, CHN analyzers and others. Both instruments are capable of timed channel switching to the 440 μ channel to obtain readout from proline or hydroxyproline peaks. Detailed specifications are available from Infotronics Corp., 7800 Westglenn Drive, Houston, Texas 77042.