Graphics Software

The Draftsman is a software package for producing pie graphs, exploded pie graphs, stacked bar charts, cluster bar charts, scatter plots, line graphs, and simple illustrations. Each graph may be sized and moved, and several may be placed on the same screen. In the edit mode, the user may use a mouse to embellish graphs and draw organizational charts, flow charts, and other illustrations. In the slide-show mode, any sequence of screens may be displayed. An electronic bulletin board offers 24-hour free support to users. The Draftsman requires an IBM PC or fully compatible computer with at least 128 kilobytes of memory, at least one floppy disk drive, and a color monitor; for hardcopy, an HP 7470 plotter or Epson printer is recommended. Hire Education. Circle 533.

Washer for Western Blot Testing

The Accutran Immuno-strip Washer is a hand-held, manually operated device that maximizes washing speed by allowing simultaneous delivery or aspiration into eight channels or wells while minimizing researcher contact with dangerous materials. It has been designed to speed washing, developing, and incubation steps in Western blot immunoassays that involve screening multiple samples of membrane-bound antigens. Two color-coded fingertip controls regulate solution delivery and aspiration. Delivery without suction is also possible. Schleicher & Schuell. Circle 534.

Software Calculator

PHYSICALC is a software scientific calculator program that converts units of measurement. More than 140 standard units are built in, including metric, British, U.S. Customary, and apothecary. Logarithms, exponentials, and trigonometric functions are among the integral functions. Users may define additional units, constants, formulas, and functions. PHYSICALC checks that

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units entered by the user are compatible with the formula chosen. The program operates on IBM PC or compatible computers, Apple computers with SoftCard, and Osborne computers. micro ware. Circle 535.

Radioisotope Detector

The 171 Radioisotope Detector provides quantitation of single- and dual-labeled compounds as they are eluted from a liquid chromatography column. It is cold room–compatible to protect labile compounds. It has settings for tritium, carbon-14, phosphorus-32, sulfur-35, and iodine-125; Auto-Isoset automates adjustment for any other chosen isotope. A cartridge-design flow cell allows quick volume changes and

easy decontamination. Self-adjusting circuitry optimizes counting conditions for packed cells or liquid cells. Other features include a four-line, 40-character, liquid crystal display, menu-driven programming, automatic fraction-collector control, luminescence correction, automatic background subtract, automatic start and stop, and user-accessed diagnostics. Beckman Instruments, Nuclear Systems Operations. Circle 525.

Custom-Built Coldrooms

Bio-Cold Rooms, custom built to the user's requirements, are available as refrigerators or freezers. Ceilings, floor caps, and interior and exterior walls are constructed of embossed aluminum, and floors, of galvanized steel. Doors are self-closing with cam-lift hinges and interior safety releases. Exterior hardware is chrome-plated. Other features include automatic defrost, a dial showing both Fahrenheit and centigrade temperatures, and foamed-in-place urethane insulation. Kelvinator Scientific. Circle 547.

Water Purification System

The RGW-5 Type I Reagent Grade Water System produces 18-megohm, bacteria-free reagent-grade water at 2 liter/min. The water is purified by disposable carbon, deionization resin, and 0.2 µm final filtration cartridges. The final filter can be reused and autoclaved. An optional ultrafiltration accessory produces pyrogen-free water. Vangard. Circle 540.

Eigenvalue Software

EIGEN ANALYZER is a computer software package for calculating the real and complex eigenvalues of any real matrix. The matrix need not be symmetrical and is not restricted except that it cannot be poorly conditioned. Matrix elements and the resulting eigenvalues may be stored and recalled as ASCII files. Maximum matrix size is 40 by 40. The program includes a sensitivity analysis feature. Matrix elements may have a specified uncertainty. EIGEN ANALYZER uses Monte Carlo techniques to calculate mean values for the eigenvalues and the standard deviation of the variation in their real and imaginary parts. DYNACOMP. Circle 548.

Media Preparation System

The Microbiological Media Preparation System consists of three modules. The user loads the first module with dehydrated medium and water. The module then prepares and sterilizes the medium. The second module dispenses the medium into Petri plates as small as 35 mm or as large as 140 mm. The third module stacks up to 240 Petri plates. Jouan. Circle 552.

Literature

The SLM8000C is a ten-page brochure about a photon-counting spectrofluorometer. SLM Instruments. Circle 652.

Phorboid/C-Kinase Notes gives safety, stability, and handling techniques for phorbol esters and related compounds. LC Services. Circle 649.

Immunological Reagents is a catalog containing information on 150 affinity-isolated antibodies. CALTAG Laboratories. Circle 653.

Products for Biotechnology is a catalog of enzyme-linked immunosorbent assay (ELISA) plates, multiple well plates, disposable serological pipettes, and flasks and tubes. Corning Glass Works. Circle 556.

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