

Gel Electrophoresis System

A gel electrophoresis system with precast polyacrylamide gel electrophoresis (PAGE) gels is available. Disposable plastic cassettes house both single-concentration and gradient gels. The cassettes come complete with stacking gels, combs, and sample wells. Gels measure 8 by 8 cm. The accompanying dual-slab electrophoresis apparatus seals the cassettes in the buffer chamber with a clamp. Operating time is less than 1 hour. A Western transfer module is available as well. NOVEX. Circle 531.

Lab Information-Management System

LIS is a software program for keeping track of samples and their progress through a laboratory. Each sample is uniquely identified and may be collected either automatically at specified intervals or on an ad hoc basis. Labels, too, may be automatically generated in coordination with sample collection or at the request of the user. Samples are rated for priority. The user enters measurements online; the software validates the measurements against defined upper and lower limits and then performs calculations if required. LIS can print out quality certificates and legal documents automatically. Information security is provided by user passwords, terminal restrictions, and product group restrictions. LIS operates on HP 3000 computers with 1 megabyte of memory, MPE V, and IMAGE or TURBO-IMAGE and on VAX computers with 2 megabytes of memory and VMS 4.4 or later; a hard disk of at least 50 megabytes is also required. Delaware Computing. Circle 548.

Finned Test Tube

The Hi-Bind is an internally finned test tube 12 by 75 mm. The tube has been designed for antibody coating, protein adsorption, and other immunochemical analyses. The six slanted ribs at the bottom of the tube increase the binding surface area.

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and government organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by *Science* or AAAS is not implied. Additional information may be obtained from the manufacturers or suppliers named by circling the appropriate number on the Readers' Service Card and placing it in a mailbox. Postage is free.

Faster binding results from the reduced distance a molecule must travel to reach the tube surface. Both polystyrene and polypropylene Hi-Bind tubes are available in polybags of 500. Elkay Products. Circle 550.

Microwave Tissue Preparation

The H2500 Microwave Processor prepares tissue specimens in one-tenth the time of traditional methods. Microwaves stabilize unfixed tissue and improve the efficiency of light and electron microscopy staining and



processing procedures. The processor has a programmable temperature control, a timer, and an elapsed-time light-emitting diode display. A probe monitors and controls solution temperatures. Temperature can be controlled within 1°C, and time, within 1 sec. Bio-Rad Polaron Division. Circle 657.

Powdered Tissue Culture Medium

Steri-Dry is a sterile powdered tissue-culture medium that can be reconstituted with sterile water. The powder is stable over a wide temperature range and has a minimum shelf life of 2 years. It comes packed in an unbreakable laminate pouch that is resistant to both gas and moisture. American Biorganics. Circle 547.

Scientific Graphing Software

GraphPAD 2.0 is a software package that plots and analyzes scientific data and digitizes graphs. The program can read data files from Lotus 1-2-3, LabTech Notebook, and other software packages. GraphPAD 2.0 can perform linear regression, fit data-point

curves by nonlinear regression, and calculate error bars. Curves may be converted to data points or to their derivatives or integrals. Abscissa or ordinate values may be mathematically transformed. Plots may combine bar graphs, data points, histograms, curves, and text in any manner. The user may add lines, arrows, boxes, circles, and labels with superscripts, subscripts, Greek letters, and mathematical symbols to the graphs. GraphPAD 2.0 operates on IBM PC and 100% compatible computers with 512 kilobytes of random-access memory, DOS 2.0 or later, a graphics adapter, and a plotter; an 8087 or 80287 math coprocessor chip is recommended. \$249. ISI Software. Circle 551.

Vial Crusher

Vyleater crushes and empties plastic or glass vials containing scintillation materials or other substances. The crusher can process 7,000 plastic or 10,000 glass vials per hour. Liquid and solid wastes are separated by a vibrating screen and deposited in different containers. Other features include a latched safety door, a 3-hp crushing motor, a drum cover, adjustable legs, leveling feet, and an exhaust vent. S&G Enterprises. Circle 549.

Literature

Speedvac A160 Concentration Station is a product brochure about an automatic benchtop concentrator-evaporator. Savant Instruments. Circle 544.

The Complete Software Plotting Solution is a brochure describing graphics software packages for producing color plots on pen and electrostatic plotters. Versatec. Circle 545.

Data Acquisition on the Macintosh is a catalog of hardware and software systems for capturing and manipulating data. GW Instruments. Circle 546.

Your Fiber Optic Connection is a catalog of connectors, mating hardware, epoxies, and other fiber optic products. Optical Fiber Technologies. Circle 561.

High Speed Minibore Columns is an 8-page brochure about a short, small-diameter column for gas chromatography. J&W Scientific. Circle 562.

Science Plastics is a catalog of plastic beakers, bottles, vials, racks, screw caps, centrifuge tubes, micropipette tips, and culture tubes. Wheaton Scientific. Circle 563.

Spectroanalysis Beyond the Traditional Limits is a 16-page brochure that describes light sources, sample chambers, monochromators, detectors, computers, software, and other parts of a spectroanalysis system. Instruments SA. Circle 564.

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