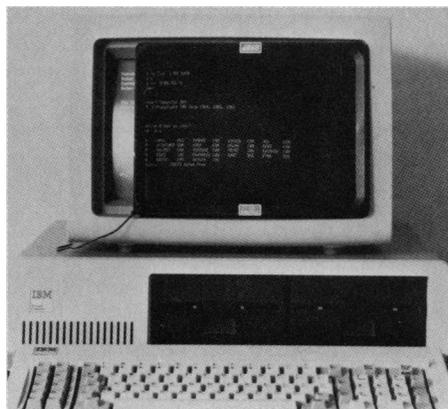


Radiation Shield for Computer Monitors

The dB60 radiation screen blocks 99.99% of the electromagnetic radiation emitted from computer displays and terminals. Also, the screen eliminates glare, reflection, and



static electricity, and contrast is increased. Because the screen is available in several sizes, it is compatible with many color and monochrome video-display terminals. NoRad. Circle 580.

Multiple-User Gamma Counter

The GammaTrac 1193 is an automatic gamma counter that allows more than one person to analyze samples at the same time. Two simultaneous counting channels allow counting of single-label, dual-label, or intermixed samples. The counter's sample changer has a 300-sample capacity with repeat count and repeat cycle capability. Any sample tube smaller than 16 by 150 mm may be used. Duplicate or triplicate samples can be averaged. The GammaTrac 1193 has a 7.6-cm sodium iodide detector, a preset time terminator, a digital display, a touch-pad control panel, and RS-232C and multichannel analyzer output ports. Optional features include a built-in radioimmunoassay data processor and a readout device for programming. TM Analytic. Circle 590.

Nonradioactive Labeling of DNA Probes

The Photobiotin Labeling System can label DNA probes without the use of radiation. Instead, exposure to a strong light source links biotin groups to DNA. The system comes with reagents for preparing biotinylated DNA probes, control DNA to monitor performance, protocols for labeling

with Photobiotin, and procedures for probe hybridization. Researchers can label 50 µg of DNA with the components provided. Bethesda Research Laboratories. Circle 581.

Multitasking Open-Architecture Computer

The Amiga 2000 is a multitasking open-architecture personal computer with the option for MS DOS-compatibility. Not only may more than one application be operating at once, but also the user may cut and paste between two or more simultaneously operating programs. MS DOS and AmigaDOS can operate at the same time. The Amiga 2000 bus contains eight expansion slots, one of which can accommodate an XT-compatible board for operating MS DOS software. Commodore Business Machines. Circle 593.

Automated AA Spectrometer

The Model 5100 PC atomic absorption spectrometer can perform both multielement flame atomic absorption (AA) and Zeeman-corrected graphite furnace analyses. A graphic software interface on an IBM PC-compatible computer can control the 5100 PC. Turning a knob switches the instrument from flame AA to Zeeman-corrected graphite furnace analysis and back again. As many as 12 elements may be determined automatically with a single method. The user interface features high-resolution graphics, windows, drop-down menus, and on-line help and prompting. Perkin-Elmer. Circle 599.

Literature

Power Sources is a catalog of alternating and direct current power supplies and dc-dc converters. AAK. Circle 583.

Gas Chromatography Supplies & Accessories is a 192-page catalog of capillary and packed columns, injector systems, phases and supports, adsorbents, syringes, flow controllers, valves, tubing, fittings, gas purifiers, solvents, standards, and extractors. Anspec. Circle 585.

Research Reagents is a catalog featuring fluorochrome-conjugated antisera, enzyme-conjugated antisera, unconjugated antisera and immunoglobulin G fractions, affinity-purified antibodies and antibody conjugates, forensic-grade antisera, and other immunological reagents. Organon Teknika, Cappel. Circle 588.

Preparative HPLC System

The VERSA Prep is a benchtop preparative high-performance liquid chromatography system that may be automated with either an IBM PC or a Commodore C-128 computer. Methods development, preparative-scale separation, isolation, purification, and analysis of collected fractions are all performed on a single modular instrument. Preparative-scale purification ranges from milligrams to grams per injection. The control software acquires, stores, and displays data. Varex. Circle 567.

Benchtop Bioreactor

The Cell Raiser is a bioreactor that can hold batch sizes of 2 to 10 liters. The system is designed for both batch and continuous perfusion operation, allowing the use of microcarriers, sodium alginate encapsulation, or external hollow-fiber cartridges. Interactive software with a self-diagnostic mode can monitor and control four gases, a heating system, one pump, and an interactive pH-dissolved oxygen control loop. Flow Laboratories. Circle 575.

Chromatography Gradient Systems

The 7600 series of gradient formers can create either single-pump low-pressure gradients or multiple-pump high-pressure gradients. The low-pressure system offers ternary capability. The user operates, by means of either a hand-held unit or a personal computer, a control interface module, which in turn controls the systems. As many as 15 systems may be operated if a computer is used. The accompanying software allows multiple methods and steps with as many as six external events per step; five methods may be linked together and ten different gradient methods may be stored. The system is designed for use with autosamplers and RS-232C-based remote control. Micromeritics Instrument. Circle 592.

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.

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