

Apparatus for Petri Dish Sample Processing

ScreenFast reversibly creates 64 leak-proof wells on a standard 150-nm tissue culture dish, spacing the wells identically to those in a standard 96-well microtitration plate. Researchers can prepare and process in the resultant template petri dish numer-



ous samples in a microtitration plate format, then analyze those samples on a large, flat surface. ScreenFast permits close microscopic examination with no possibility of cross-contamination. It is suitable for use with fixed or living eukaryotic cells, virus-containing fluids, DNA precipitates, and bacterial or parasitic suspensions in many applications, including hybridoma and drug screening. Life Technologies. Circle 500.

Chromatography Workstation

Spectra Station is a new generation chromatography workstation capable of collecting up to eight channels of data and controlling up to four Spectra-Physics liquid chromatography stations simultaneously. Based on the new IBM OS/2 Version 1.2 Standard Edition operating system, Spectra Station features state-of-the-art graphical user interface and advanced multi-tasking. Mouse-driven color graphics enable fast, simple setup of a complete liquid or gas chromatography system. Spectra-Physics. Circle 508.

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.

Cooled Low-Light Camera

The Cryocam 80 is a cooled charge-coupled device (CCD) camera system for low-light applications. It is packaged with controlling software for 286- and 386-based systems. Dark current is virtually eliminated by cooling the CCD to -80°C , which allows for exposures of several hours. Cooling is achieved without liquid nitrogen or other liquid coolants. The CCD offers high resolution (572 by 485 pixels) and high sensitivity. Data acquisition is fast and digitized for accurate photometric measurements. The menu-driven software provides histograms, contrast enhancements, digital filtering, and true or pseudo-color for added clarity and understanding. Micro Luminetics. Circle 516.

Spatial Data Software

Spase is a spatial database manager for use in geology, geophysics, engineering, biology, and geography. This graphically based manager, for MS-DOS computers with 80286 and higher processors, has features that allow unlimited access to nearly any kind of data. For example, "hot links" between maps and text lists allow the user to click on a map point and instantly call up the data associated with that point. Spase runs under the Microsoft Windows graphical user interface. Geotech Computer Systems. Circle 543.

Gel Documentation System

The GDS2000 Image Documentation System for photographing low-light fluorescent patterns of stained gels is designed for documenting ethidium bromide-stained DNA gels, protein gels, and thin-layer chromatography plates. The system combines a high-resolution camera with a 16-mm lens, a camera stand, a 9-inch black and white monitor, and a thermal printer to produce 3 by 5 inch or 4 by 5 inch images within seconds. It requires no special training to operate. The camera lens is equipped with infrared and ultraviolet filters to reduce background light and increase contrast so low-level fluorescence can be observed. UVP Inc. Circle 504.

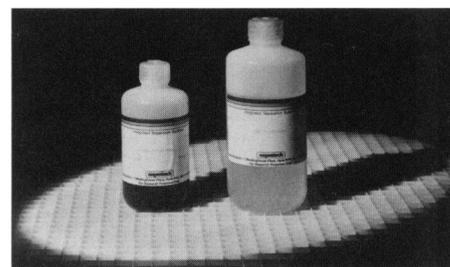
Computing Densitometers

The 300S Computing Densitometer uses the powerful 16-MHz Intel 80386SX microprocessor to display and quantitate image data up to 60% faster than the first

instrument of its series. The 300E Computing Densitometer delivers advanced 80386 computer power for high-performance image analysis. Both models can scan electrophoresis gels, radiographic films, and blotting membranes as large as 36 by 42 cm in less than 3 min. Because these instruments scan entire samples rather than single lines, they are especially useful for quantitation of faint bands on one-dimensional and two-dimensional gels. Both models feature a helium-neon laser and efficient light collection cylinder. Molecular Dynamics. Circle 551.

Reversible Stain for Gels

The Pro-Green Staining System was designed for researchers who want to stain their gel to check the pattern before going on to immunoblotting or electroelution.



Pro-Green generates a negative image in 5 min without a fixation step. Because the proteins are not treated with fixer, the gel can be completely destained in 5 min before the user performs immunoblotting or elution without loss of resolution. Integrated Separation Systems. Circle 497.

Literature

Molecular Microanalysis Mapping as performed with the Spectra-Tech IR μ s System is described in a new brochure. The system combines research light microscopy and Fourier transform infrared spectroscopy with innovative computer software and a precision micropositioning stage. Spectra-Tech. Circle 573.

Process Filtration Life Sciences is a 72-page, comprehensive technical and product resources catalog covering six categories: filter technology, cross flow systems, integrity testing, standard and mini-cartridge filters, ready-to-connect filtration units, and cartridge housings. Sartorius Corp. Circle 436.

Leading Edge FT-IR Sampling Accessories is a 28-page handbook that provides information on Fourier transform infrared spectroscopy sampling techniques and how they are done, theories behind the methods, and equipment. Spectra-Tech. Circle 538.

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