

**Ultraviolet Cross-Linker**

The UVC-508 UV Cross-linker can cross-link DNA to nitrocellulose, nylon, or nylon-reinforced nitrocellulose membranes. A photo-feedback sensor system with microprocessor control provides the user control over the ultraviolet energy level, exposure time, and intensity. The control system automatically adjusts to variations in ultraviolet intensity as the ultraviolet source ages. Ultra-Lum. Circle 358.

**NMR Spectrometer**

The 400-MHz Gemini nuclear magnetic resonance spectrometer provides greater sensitivity than lower frequency systems. This increased sensitivity allows data to be acquired faster or at lower concentrations, while increased dispersion allows the study of larger molecules. Users can customize the system with flexible macros, menus, and pulse sequence programming. The Gemini 400 can be fully automated. Varian Analytical Instruments. Circle 359.

**Miniblotter**

The Miniblotter 12 provides maximum convenience and value by eliminating the need to cut membranes and reducing the amount of reagents necessary for screening antibodies and antigens. The 12 channels are engineered to match the 12 lanes of MiniGel and MiniGel Plus precast gels from Integrated Separation Systems. Cutting membranes to adapt them to a blotting manifold is no longer necessary. Simultaneous washing of all channels is rapid. Integrated Separation Systems. Circle 360.

**Surface Protector**

Benchkote Plus provides disposable protection for lab benches exposed to strong acids and bases, hot organic solvents, biohazards, poisons, and radiochemicals. Spills are kept from spreading by highly absorbent paper that is coated on one side with an impermeable layer of polyethylene. It features high wet strength and short-term chemical resistance to hot water, hot organic solvents, and concentrated acids and bases. If expensive or valuable samples are spilled, they can be recovered by washing the sheet of BenchKote Plus with a suitable solvent. For extra safety around pathogenic materials, BenchKote Plus can be saturated with disinfectant. Whatman. Circle 361.

**Protein Sequencer**

The ProSequencer protein sequencing system can sequence both covalently attached and adsorbed samples, completely in the liquid phase. The ProSequencer makes use of a common set of reagents and requires no time-consuming hardware, software, or chemical changes. A single point of control for all modules in the system makes sequencing easier. Waters Chromatography Division of Millipore. Circle 362.

**Low Profile Refrigerated Circulator**

This fully programmable unit combines a compact refrigeration system in a low profile design for cooling a wide variety of instruments, such as spectrophotometers, viscometers, and electrophoresis apparatus. The unit provides temperature-controlled fluid over an operating range of -20°C to 200°C. A built-in stainless steel reservoir can be used for immersion of flasks or tubes; the low profile provides ease of access to the internal 6-liter reservoir. A pressure/suction pump for use in closed loop systems or for recirculation from an open tank is standard. PolyScience. Circle 363.

**Particle Delivery System**

The helium-driven Biologic particle delivery system introduces biological particles into live cells and tissues via high-velocity microprojectiles. A "gene gun" propels millions of microscopic gold pellets coated with DNA directly onto the target cell or tissue. The technique has been applied successfully to a wide range of intact targets, including plants, yeast, algae, organelles, cultured mammalian cells, and live animal tissues in situ. The method is well established for DNA applications, and it may also be used for the introduction of proteins and other molecules. The helium-driven acceleration process does not require a power load or vacuum. Seven microcarriers (two sizes of gold and five of tungsten) and nine rupture disks are available. Bio-Rad Laboratories. Circle 364.

**Literature**

Anti-Virus Warfare is a new brochure from a computer security software manufacturer explaining its product range. Sophos. Circle 365.

ECL Highlights is a 12-page technical newsletter explaining new products and methods using enhanced chemiluminescence (ECL) technology. Amersham International. Circle 366.


Ultra Pure Chemicals for Biotechnology features hundreds of chemicals and reagents, including premixed buffers, saturated phenols and acrylamide stock solutions, agaroses, dyes and stains, and chemical salts. Amresco. Circle 368.

CRAY Y-MP C90 Supercomputer System is a brochure on a powerful parallel vector computer system with 16 central processing units. CRAY Research. Circle 369.

DNA Synthesis Products is a catalog describing a complete line of DNA synthesis columns and ancillary reagents. Prime Synthesis Inc. Circle 370.

Haemopoietic Cell Lineage Wall Chart is a guide to antigen expression and molecular weights of the CD molecules. Serotec. Circle 371.

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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.