/NUCLEOTIDE AND PEPTIDE SEQUENCING

Chiral Columns

Phenomenex (Torrance, CA) introduces Chirex brand chiral columns for HPLC separations of optical isomers. The chiral columns are useful for resolving enantiomeric amines, amino acids, esters, and other important biologically active compounds. The wide variety of supports available allows precise selectivity in separation.

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Protein Sequencer

The Porton LF 3000 Protein Sequencer from Beckman Instruments (Fullerton, CA) offers unique product features and maximum productivity with an optional TriCart Reaction Cartridge System. The compact instrument's advanced modular design assures easy upgrades, while its' novel DIPEA chemistry reduces background noise.

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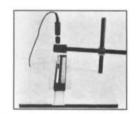


A new Dedicated Height DNA Sequencer is being offered by C.B.S. Scientific (Del Mar, CA), with many of the same features as their adjustable system. The Dedicated Height Sequencer has a unique bar clamp that evenly compresses the glass plate sandwich to the upper reservoir gasket, safety interlocking lids, and detachable upper and lower reservoirs.

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Profiling

Lazar Research Laboratories (Los Angeles, CA) announces their new pH Profiling System specifically designed for isoelectronic focusing-electrophoresis applications. It provides direct correlation between protein banding patterns and pH profile without gel slicing or chemical pH markers, and is designed to be used directly with all standard laboratory pH meters. Write in 852 on Reader Service Card



Nucleotides

DuPont "NEN" Research Products (Wilmington, DE) offers new P-33 nucleotides ideal for DNA sequencing. The new P-33 nucleotides are compatible with the latest protocols for DNA sequencing, PCR reactions, and in situ hybridizations. The energy emission intensity is significantly lower than P-32- labeled compounds, and contains no volatile components that contaminate work areas.

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Transilluminator

Spectronics Corporation (Westbury, NY) offers the new Spectroline TVC-312A Variable Intensity UV Transilluminator, which allows the longest preparation time for samples while providing the sharpest DNA analysis. The device provides continuously variable-intensity control, which allows the operator to prevent sample damage from prolonged exposure to high UV irradiance.

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DNA Sequencer

Enprotech (Natick, MA) announces their new ISS DNA Sequencer, which comes ready to cast gels. Glass plates, spacers, and a sharkstooth comb are included. The aluminum backing distributes heat evenly and efficiently across the entire surface of the sequencing gel. Other features include an upper buffer chamber that drains into a removable reservoir in the base of the device.

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Automating Software

Molecular Dynamics (Sunnyvale, CA) introduces DNAscan, a new automated DNA sequencing software program and co-processor board. DNAscan automatically calls fullsized DNA sequencing gels acquired by any Molecular Dynamics scanner, generating the base sequence in seconds with little operator assistance.

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