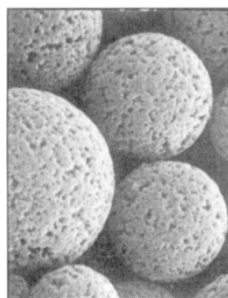


## /PEPTIDES



### DEAE support

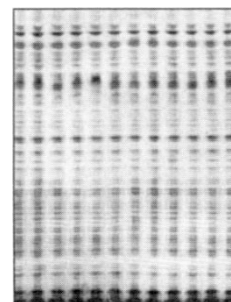
The new Macro-Prep DEAE support from Bio-Rad (Hercules, CA) provides a high degree of selectivity during rapid purification of acidic proteins and peptides, and is ideal for process chromatography. It can be regenerated and sanitized efficiently in 1 M NaOH.

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### Minigel

Zaxis' (Cuyahoga Falls, OH) ultra high-resolution, Geltrek, PCL control, Micropage System has now been adapted to a minigel format. Shorter run times aid in obtaining more data points and greater resolution.

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### Endothelin antibodies

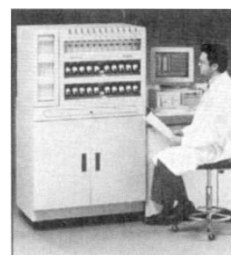
Three new antibodies to endothelins are available from Biogenesis (Bournemouth, UK), one with affinity for endothelin-1, one for endothelin-3, and one for endothelin-1,-2, and -3. Each antibody is suitable for immunohistochemistry or IRMA and is immunoaffinity purified.

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### Automation

The new SYMPHONY/Multiplex peptide synthesizer from Rainin Instrument (Woburn, MA) incorporates a matrix valve that directs different reagents to multiple reaction vessels without cross-contamination simultaneously. Control software is PC-based and allows for sequences to be imported or created directly.

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### Fmoc reagent

An improved global phosphorylation reagent is now available from Calbiochem-Novabiochem (Nottingham, UK). Dienzyl-N, N-diisopropylphosphoramidite is suitable for global phosphorylation of peptides prepared using the Fmoc strategy, and is less hindered than a di-tert-butyl derivative.

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### Amino acid analyzer

Biochrom 20, the new computerized amino acid analyzer produced by Pharmacia Biotech Europe (Brussels, Belgium), is now available, replacing the Alpha Plus-II. The system has a 50-sample capacity and is able to run a full physiological fluid sample in under 2 hours. This system integrates a new version of PC-compatible operating software.

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### Peptide synthesizer

The new AMS 422, multiple-peptide synthesizer is now available from Abimed (Langenfeld, Germany). The system is able to synthesize up to 48 peptides simultaneously, and comes with a new software package that allows the user to choose from predefined protocols or create personalized routines.

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### Mass spectrometer

The ProteinTOF matrix-assisted laser desorption, time-of-flight, mass spectrometer is now available from Bruker Instruments (Billerica, MA). This is the first commercial MALD-TOF system that is run entirely via a Macintosh computer, with additional software available for data comparison.

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