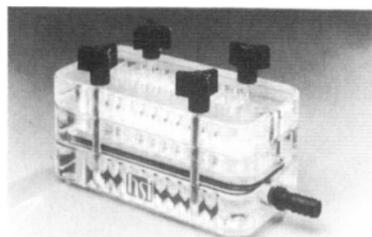


SYNTHESIZER AND SEQUENCER PRODUCTS



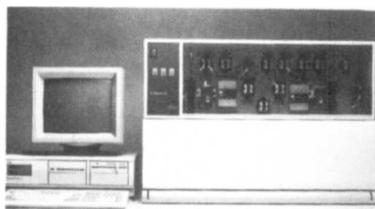
Hoefer Scientific (San Francisco, CA) offers the PR-600 24-place slot-blot **filtration manifold** to facilitate screening of numerous DNA, RNA, or protein samples. The manifold allows the collection of filtrate separately from each position. Each 6×0.80 mm slot is designed to test for the presence of a specific nucleic acid or protein.

Write in 812 on Reader Service Card



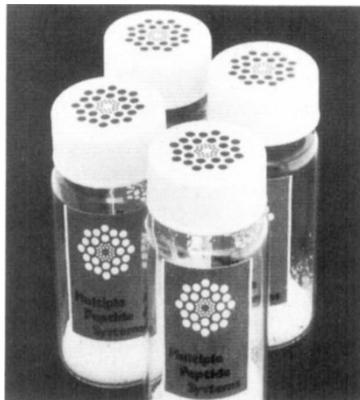
Applied Biosystems (Foster City, CA) now has a cost-effective alternative for **protein/peptide sequencing**. Its Model 471A offers moderate sensitivity (93 percent or more) and repetitive yields. The sequencer features an isocratic PTH-amino acid analysis system and uses liquid TFA for cleavage of the PTC-peptide. Simplified chemistry and recycling of the PTH separation solvent make instrument operation very economical.

Write in 806 on Reader Service Card



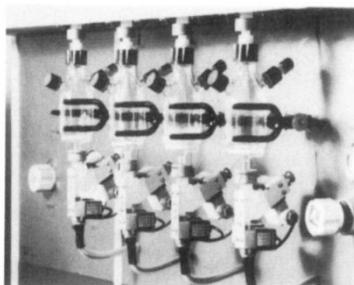
High-performance modular **protein sequencing systems** from Milligen (Div. of Millipore, Bedford, MA) automate Edman degradation chemistry and ATZ conversion. ProSequencer models 8500 and 8700 systems, based on covalent sequencing technology, offer repetitive yields of over 95 percent, sequence runs of up to 100 residues, and cycle times of 30 min. Sensitivities are in the low picomole range.

Write in 804 on Reader Service Card



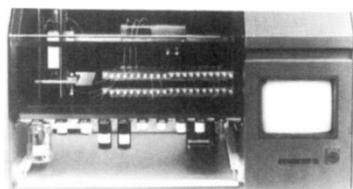
Multiple Peptide Systems (MPS, San Diego, CA) offers **custom peptide synthesis** using proprietary techniques that it says reduce the customer's cost to one-quarter of the usual price for peptides, as well as cutting the waiting time for delivery. It can provide HIV-related, antibacterial, neurologically-active, and radiolabelled peptides. MPS also offers a custom HF cleavage service.

Write in 808 on Reader Service Card



The NPS 4000 semi-automatic multichannel **peptide synthesizer** from Neosystem Laboratories (Strasbourg, France) allows users to work at various scales. Three modes are possible, all yielding 85 percent pure peptides: with 12 reaction vessels of 20 ml each, yielding 96 residues/day and 12×20 mg peptide; with 4 reaction vessels of 40 or 80 ml, yielding 20–24 residues/day, 4×150 mg/peptide; or with 4 reaction vessels of 250 ml, yielding 20 residues/day, 4 grams peptide.

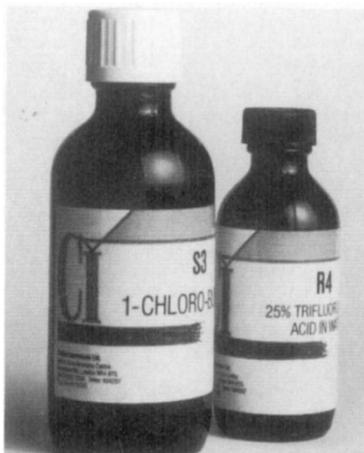
Write in 807 on Reader Service Card



B. Braun Diessel Biotech (Melsungen, F.R.G.) offers the Synostat D **DNA synthesizer**. The fully automatic microprocessor-controlled unit

uses the phosphoramidite method. Sub-routines enable the instrument to perform specific coupling procedures. It has an inert, corrosion-resistant valve system that delivers solvents and reagents without any dead volume. B. Braun also offers a peptide synthesizer, the Synostat P.

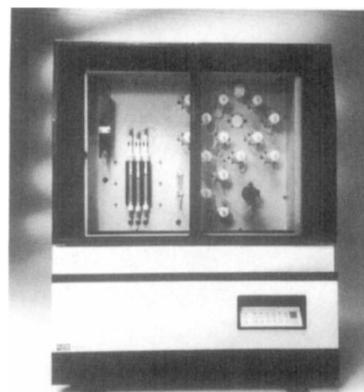
Write in 801 on Reader Service Card



Protein sequencing reagents.

Chelsea Instruments (London) supplies a complete line of reagents and solvents for use with Porton Instruments' (Encino, CA) C14000 protein sequencer. The reagent bottles fit into manifolds on the instrument, reducing the risk of contamination. All chemicals are tested under strict quality control guidelines.

Write in 802 on Reader Service Card



Pharmacia LKB Biotechnology's (Piscataway, NJ) Biolynx 4170 automated **peptide synthesizer** uses Fmoc polyamide chemistry and an on-line monitoring system to provide high purities and yields. Biolynx features continuous flow technology and three reaction chambers; pre-weighed vials of Fmoc amino acid esters and convenient software programs speed instrument set-up.

Write in 803 on Reader Service Card