Trends in Analytical Instrumentation

Multi-Step Chemistry Without Test Tubes
FOUR REASONS WHY THIS IS THE BEST ULTRACENTRIFUGE YOU CAN BUY.

Touch-Programmable Operation
With full microprocessor control, continuously monitored operation, digital readouts, built-in memory for delayed starting, and Memory-Pak™ modules, the L8M is the easiest-to-operate ultracentrifuge, ever.

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The L8M’s advanced Ultra-Smooth direct induction drive is vacuum-encased with no high-speed vacuum seal to wear, no brushes to replace. Now even more powerful, the L8M accelerates rotors up to 30% faster than ever before.

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Add our unmatched service and applications support, and it’s no wonder that the L8M is the standard of performance, quality and value, worldwide. For more information contact your local Beckman Representative or write: Beckman Instruments, Inc., Spinco Division, 1050 Page Mill Road, Palo Alto, California 94304.

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ATCC is the only "one-stop" source of a wide range of biologicals including: • Algae • Animal Viruses and Antisera • Bacteria • Cell Lines • Chlamydiae • rDNA Vectors • Fungi • Human Tumor Cells • Hybridomas • Molecularly Cloned Viruses • Mycoviruses • Oncogenes • Phages • Plant Viruses and Antisera • Plasmids • Protozoa • Rickettsiae • Tumor Immunology Cells • Yeasts

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ASYST multiple windows permit side-by-side comparisons. The two-dimensional FFT routine, shown, is one of the many built-in functions.

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• ASYST fully utilizes an IBM PC with the 8087 coprocessor. This unique combination takes all intermediate calculations to the 80-bit precision level, offering precision exceeding that of other micros—as well as many minis and mainframes.

• A 1024-point Fast Fourier Transform, with ASYST and an IBM PC with 8087 chip, takes less than 3 seconds. An optimum performance custom routine tested on a DEC 11/23 + minicomputer with FPF 11™ took 2 seconds—at five times the price.

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For more information about Perkin-Elmer's new Model MPF-66 Fluorescence Spectrophotometer, call (800) 323-7155 (in Illinois, call (312) 887-0770). If you prefer, contact one of the offices below.

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A small selection of the substances which have already been studied using the FPLC System.

<table>
<thead>
<tr>
<th>Substances</th>
<th>Bacitracin</th>
<th>Monoclonal antibodies</th>
<th>Serum proteins</th>
<th>Urine proteins</th>
<th>Synthetic oligonucleotides</th>
<th>Viral proteins</th>
<th>Membrane proteins</th>
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* Results may depend upon the microorganisms used, their stage of growth, plating density and medium used.

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