Extended Memory Access Software
The X-arRAY 2.0 software library allows the user to allocate, access, and manipulate up to a gigabyte of extended memory from virtually any high-level real-mode language compiler, such as C, Fortran, BASIC, or Pascal. X-arRAY 2.0 is independent of both the target language and its specific implementation. Access to extended memory is achieved without expensive flat memory model operating systems, 32-bit compilers, DOS extenders, or MS-Windows. X-arRAY 2.0 requires an Intel 386/387, 486, or equivalent IBM-compatible computer with AT or PS/2 architecture, running DOS 2.0 or higher. Davis Associates. Circle 90.

Yeast Genetics Microscope
The TETRAD microscope system is designed to meet the needs of the yeast geneticist. Users can perform extremely accurate microdissection and micromanipulation of spores on agar surfaces. The TETRAD features a stable, microscope-mounted manipulator with rack-and-pinion coarse movement control and a vibration-free joystick control mechanism for ultrafine movements. The stage features easy-to-read scales and graduated click stops in both x and y directions that ensure accurate documentation of spore locations. Carl Zeiss Inc. Circle 91.

Recycled Microtube Rack
The Ultra Rack is a heavy-duty microtube rack made of highest grade recycled polypropylene. The autoclavable rack holds 48 0.5- or 0.65-ml tubes in alpha-numeric configuration. Midwest Scientific. Circle 92.

Digital Image Camera
The Kodak professional DCS 200 digital camera system features a 1.54-million-pixel sensor in a Nikon 8008s camera body. A small computer software interface port enables the camera to link directly to Apple Macintosh or IBM-compatible computers. A charge-coupled device array combined with the camera provides rapid auto focus, exposure control, motorized advance, and enormous lens flexibility. Applications include medical and scientific documentation, especially when instant capture of high-resolution microscopy images is needed. Eastman Kodak Co. Circle 93.

Antibody Design Software
AbM is a software program that can accurately predict three-dimensional (3-D) antibody structure from sequence, reduce modeling time from months to days, and expedite “humanization” of antibodies. Antibodies have been difficult to model because it is necessary to know the exact amino acid sequence and 3-D shape in order to design an antibody to perform a specific function. AbM features a novel algorithm that combines the knowledge base of existing protein structures with computational methods. AbM can model 3-D structures to within medium-resolution x-ray crystallographic accuracy in a matter of hours or days starting from sequence. AbM gives the user a 3-D structure—a working model—that lets the user engineer rational changes to the antibody instead of relying on guesswork. Researchers can easily produce mouse monoclonal antibodies, but the human immune system usually rejects them as foreign proteins. Scientists have used AbM to engineer “humanized” antibody combinations less likely to be rejected, according to the manufacturer. Oxford Molecular. Circle 94.

Data Visualization Software
CoVis is a software program for visualization of large data sets that features nine different kinds of animated graphs. It is the first program capable of displaying animated views of data on a personal computer, a capability formerly available only on workstations, according to the manufacturer. The animation is in real time, and CoVis is interactive. The program offers researchers working with mathematical models, data acquisition boards, chaotic systems, and other sources of large or dynamic data sets a new tool for visualizing data. The program requires an IBM PC, PS/2 or compatible, running DOS 2.0 or higher; 512 K random access memory; and a hard disk. Data can be imported from ASCII, dBASE, Excel, Lotus 1-2-3, Quattro, and other data files. CoHort Software. Circle 95.

Thermocycling Microcentrifuge Tubes
SepraTUBES are sterile microcentrifuge tubes designed for use in thermocyclers without the need for an oil overlay. SepraTUBES are configured to fit all standard temperature cyclers that accept 0.5-ml microtubes. The screw cap incorporates a hollow shaft that fits snugly into the tube and ends with a double positive seal. Condensation is reduced by a hollow shaft that acts as an insulator. Sample volumes of 20 to 100 µl can be run without a mineral oil overlay. Integrated Separation Systems. Circle 96.

Literature
SQL*LIMS from PE Nelson describes the analytical laboratory data handling and management functions of the company’s laboratory information management system. Perkin-Elmer Corp. Circle 97.

Protector Laboratory Fume Hoods and Accessories is a 96-page catalog that includes cutaway illustrations of key features and benefits, specifications, dimensional data, and accessory information. Labconco Corp. Circle 98.

The New ZEOS/SL Notebook is Turning a Few Heads is a brochure about a notebook computer, the Freestyle/SL, with a tilt and swivel screen. ZEOS International. Circle 99.

Super Sequential ICP/Echelle Spectrometer: Performance, Versatility, Productivity is a brochure that highlights the abilities of this instrument. Leeman Labs. Circle 100.
PRODUCTS & MATERIALS

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