LIMS-RELATED HARDWARE AND SOFTWARE

Molecular Biology LabStation.
Applied Biosystems (Warrington, U.K.) introduces the CATALYST 800 molecular biology labstation that automates Taq cycle sequencing with fluorescent primers or terminators. The system can help laboratories become more productive by increasing data reproducibility and reducing labor and reagent costs. After samples and reaction mixes are manually loaded onto the station's work surface, a preprogrammed chemistry is selected using a Macintosh. The lab station automatically performs reaction set up, thermal cycling, and, in the case of dye primer chemistry, pooling and precipitation of reaction products.

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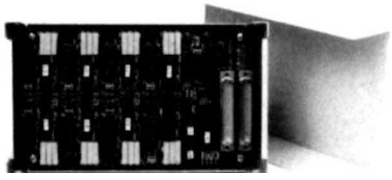

Multiplexer.
From Industrial Computer Source (San Diego, CA) comes LVDT8-P, an externally mounting accessory that permits the user to interface popular models of LVDTs to any computer system via a standard DC A/D board. Individual gain and offset adjustments are provided for each input to permit system calibrations of greater accuracy than a single-gain adjustment could provide. Also, individual phase adjustments of each channel are provided, and the adjustments offer a wide range to accomodate a diverse selection of LVDT sensors.

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Bioinformatics.
Oxford Molecular (Oxford, U.K.) announces the availibility of Iditis, an extended relational database of protein structures. The system incorporates three components of a successful protein structure database: a fully functional relational database management system to recognize order, a comprehensive range of validated protein structure data, and a suite of protein structure analysis and reporting tools.

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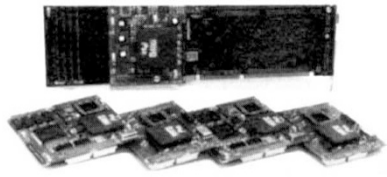

Modular/Upgradeable CPU Cards.
Industrial Computer Source (San Diego, CA) introduces PC/AT compatible CPU boards for passive backplane systems. The low-cost carrier board accepts standard memory modules of 256K, 1 MEG, or 4 MEG sizes, permitting up to 32 megabites on the system carrier board. The elemental support chips for the VLSI chip set are also located on the carrier board. These CPU boards offer versatility of configuration, upgradability, and cost-effectiveness for the most demanding of industrial and scientific applications, and employ the most recent design concepts to eliminate obsolescence of installed systems or inventory.

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Data and Control System.
Waters Chromatography, Division of Millipore (Watford, U.K.) introduces an 845 chromatography data and control station for high performance GC, LC, IC, and GPC. The station can acquire data and control up to four I.C systems. It is possible to translate results obtained into third party formats using Waters' convert manager program for further statistical analysis or graphic presentation. Waters' application specific method description for HPLC allows full system documentation of liquid chromatography parameters.

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Tablet Dissolution Software.
A tablet dissolution software package that is flexible and can be set up to suit most applications has been introduced by Milton Roy (Wokingham, U.K.). The software offers analysts a choice of three sampling systems—samples can be inserted manually, they can be inserted via a multiplexer and single flowcell, or be inserted through a multi-channel pump, six flowcells, and an automatic cell changer. It controls everything from sample delivery to printing the report including data acquisition; data can also be acquired in several modes, from single wavelengths up to full scans. The results are stored in a separate data file for further processing and manipulation.

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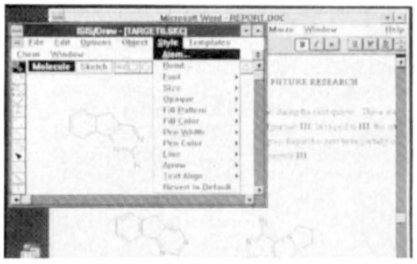

Chemical Drawing Package.
Molecular Design (San Leandro, CA) introduces ISIS/Draw, a chemical drawing package that makes it easy to create a wide range of scientific presentations in many different windowing environments. Because the system runs in windowed environments, structures and reactions, once drawn, can be inserted via cut and paste into the user's own application programs, whether a word processor, presentation graphics program, or spreadsheet program. ISIS/Draw runs in the windowing environments of all major computing platforms, including Macintosh, Microsoft Windows, and Presentation Manager.

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