Technical Drawing Software

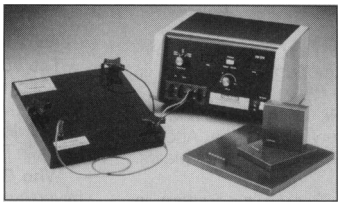
CoDraw 2.2 is a new version of a program to create high-quality technical drawings. CoDraw can create a wide variety of objects, including lines, arrows, splines, filled splines, circles, arcs, ellipses, markers, filled areas, Bézier lines, Bézier filled areas, and text. A new feature, called "Get," makes it easy to get information about the objects in a drawing, including the *xy* coordinates of a point; all the *xy* coordinates of an object; the distance between two points; the length of the path defined by a line, marker, filled area, or other object; the angle defined by any three points; and the area of an object. This feature makes it easy, for example, for an archeologist who has made a map of a dig site to determine the distances between various artifacts found at the site. Another mode, which allows the user to make measurements simply by moving the cursor, makes it possible to get information from a paper copy of a drawing by using a digitizer. For example, one could place a topographical map on a digitizer and get distance and area information from the map. The program runs on an IBM personal computer, PS/2, or compatible running DOS 2.0 or higher with 512K of random access memory and 700K of disk space. CoHort Software. **Circle 90.**

Photographic Copier

The OneStep Photographic Copier offers scientists and engineers a time- and cost-saving method of producing photographic enlargements up to 8 1/4 by 11 inches or reductions for analysis, reports, and publication. Virtually any instant or conventional color or black and white print or small object can be copied with the push of a button. Enlargements are ready in seconds. Color transparencies are ready in 2 to 4 min. The copier accepts originals as large as 11 by 17 inches and three-dimensional objects as deep as 3/8 inch. Prints can be reduced or enlarged from 64 to 200% in increments of 1%. With no internal chemicals, there is nothing to replenish, spill, or clean up. Polaroid. **Circle 91.**

Protein Blotting Apparatus

This semidry blotting unit is designed for optimal transfer in protein blotting. The polyacrylamide



electrophoresis gels and hybridization membranes are sandwiched horizontally between layers of filter paper soaked in an electrode solution. Multiple gels can be processed by "stacking" the sandwiches. Electrodes are in direct contact with the sandwich, creating a homogeneous electric field that ensures even transfer. Fisher Scientific. **Circle 92.**

Chemical and Molecular Software

CSC ChemOffice/Plus combines three software products—CSC ChemDraw/Plus (a chemical structure drawing program), CSC ChemFinder (a chemical information program), and CSC Chem3D/Plus (a molecular modeling and visualization system)—into a complete desktop solution for drawing, modeling, and information management. ChemFinder integrates structural formulas, molecular models, and other information in a graphical spreadsheet format. ChemDraw is for use in the preparation of slides, reports, and papers. It provides bond tools, templates, and symbols that make it easy to draw chemical notations. With Chem3D the user can create three-dimensional models of chemical structures, copy and paste structures drawn with ChemDraw, and import data from other molecular modeling software. Cambridge Scientific Computing. **Circle 93.**

Updated DNA and Protein Sequence Software

GeneWorks release 2.2 has a polymerase chain reaction (PCR) primer design function added to its nucleic acid and protein sequence analysis capabilities. The program lets the user visualize and manipulate sequence data to find the best possible PCR primer. GeneWorks can evaluate primers it designs as well as primers suggested by the user. The program also includes a new translated nucleic acid database search. Other functions of the program include true multiple sequence realignment, gel assembly, database searching, and dot matrix sequence similarity plots. The program requires a Macintosh SE, LC, or Mac II; System 6.0.3 or higher; 2 MB of random access memory; and a 20-MB hard disk. IntelliGenetics Inc. **Circle 94.**

Lymphocyte Subset Isolation

Dynabeads M-450 products with DETACHaBEAD are a powerful tool for high-yield isolation of pure lymphocyte subsets. Target cells bind to the antibody-coated superparamagnetic monosized polystyrene beads. The rosetted cells are then rapidly isolated and washed using a magnetic particle concentrator. By the addition of DETACHaBEAD product, the isolated cells are released from the beads in minutes. DETACHaBEAD is a polyclonal antibody preparation that gently disturbs and blocks the interaction between the antibody-bound Dynabeads products and the antigenic determinant on the isolated cell. Dynal Inc. **Circle 95.**

Literature

Fully Automated Mercury Analysis System describes a system with a detection sensitivity of 1 part per thousand that works with virtually any kind of sample in a wide range of concentrations. LDC Analytical. **Circle 96.**

Membrane Separation Products is an 80-page catalog of products with applications that include concentrating and purifying proteins, peptides, enzymes, antibodies, immunoglobulins, and other biomolecules; buffer exchange; desalting; virus removal; depyrogenation; and cell harvesting. Filtron Technology Corp. **Circle 97.**

DB-VRX: Optimized for Accuracy, Productivity and Precision for the Analysis of Volatile Organic Compounds describes a capillary gas chromatography stationary phase instrument. J&W Scientific. **Circle 98.**

Tech Novations is a new publication that delivers information about the latest developments in Supelco's separation technologies and products. The current issue features new environmental glassware, a capillary column for chiral separations, an expanded line of adsorbent resins, and other items from Supelco's line of columns, standards, filtration products, and accessories. Supelco. **Circle 99.**

The *Instrument Integration Workbook* is a new publication for laboratory personnel interested in implementing laboratory automation applications such as integrating analytical instruments with computers. Koller Computer Technologies. **Circle 100.**

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and government organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by *Science* or AAAS is not implied. Additional information may be obtained from the manufacturers or suppliers named by circling the appropriate number on the Readers' Service Card and placing it in a mailbox. Postage is free.

PRODUCTS & MATERIALS

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