

## Hydrogen Generator

The Model 8200 is a compact hydrogen generator for use with gas chromatography, flame ionization, sulfur monitors, and other applications requiring pure hydrogen. The unit produces 99.992% pure hydrogen at 250 cm<sup>3</sup>/min. Output pressure from 0 to 60 psi is controlled by an adjustment potenti-



ometer mounted on the generator's front panel. The Model 8200 uses an exclusive electrochemical process to extract hydrogen from deionized distilled water. The hydrogen is then filtered and dried before delivery to a standard plumbing output port on the back of the unit. Packard Instrument Co. Circle 531.

## Chemical and Spectra Databases

The ALDRICHEM Data Search on CD-ROM is now available for both IBM PC and Apple Macintosh computers. The program allows users to search the database of 50,000 chemicals and 6,000 laboratory equipment products listed in the *Aldrich Catalog/Handbook* and the *Alfred Bader Library of Rare Chemicals*. Searches may be done by entering a chemical name or formula, physical data, or chemical class. The structure for

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each chemical appears with the other data and may be edited and printed by IBM PCs by using the WIMP Molecular-Drawing Program. The WIMP 2001 is the latest version of the Wisconsin Interactive Molecular Processor for IBM PC- and PS/2-compatible programs. Built-in templates and special characters include 12 bond types, 26 rings, orbitals, reaction arrows, shaded options, and brackets. Volume 3 of the *Aldrich Library of FT-IR Spectra* is also now available; it features more than 6,600 vapor-phase spectra categorized by chemical functionality and arranged in order of increasing structural complexity. Aldrich Chemical Co. Circle 548.

## Gel Dryer Produces Clear Bands

The Gel Dryer allows researchers to dry gels for preservation or subsequent processing such as autoradiography or densitometry. It can dry large gels up to 13.8 by 17.7 inches or any combination of smaller gels. It provides even heating, continuously variable from 40° to 80°C, combined with vacuum of at least 50 liters per minute provided by an external source. Both a Mylar sheet and a porous polyethylene sheet are provided as covers for various gel types. Buchler Instruments. Circle 545.

## Laboratory Freezer

Model SE22-120 is a freezer for medical research, biological storage, and preservation of tissue, plasma, and blood cells. The cabinet is all steel with a counter balanced lid. Temperature range is from -18° to -85°C. The cabinet has an air-cooled condenser with no liquid required. Capacity is 22 cubic feet. So-Low Environmental Equipment. Circle 546.

## Protein Sequencing

SequeNet Protein Entrapment Chemistry is a polymerization process that combines the power and speed of electroblotting with covalent sequencing. With SequeNet, proteins can be electroblotted from gel to underivatized polyvinylidene fluoride membrane by standard procedures. In a simple, benchtop chemical process, the proteins are then covalently entrapped or bonded in a thin polymer network. In 25 min, the protein is ready for analysis by covalent sequencing methods. The polymer-protein network created by the SequeNet process is stable and the network does not detach from

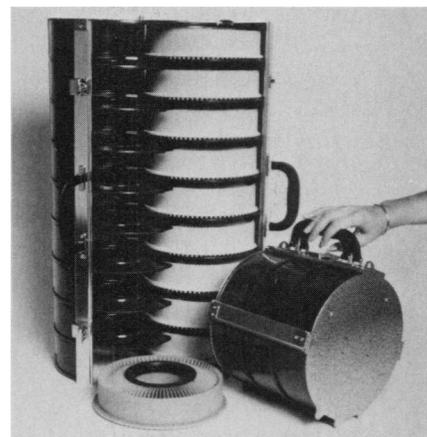
the membrane surface. The polymer coating is thin so the entrapped protein is available for sequencing. MilliGen/Biosearch, Division of Millipore. Circle 559.

## Recombinant DNA Molecule Drawing Software

Plasmid Artist allows biologists to construct publication-quality diagrams (plasmid maps) detailing their recombinant DNA molecule binding strategies and results by using Macintosh computers. With a mouse and pull-down menus, users can draw linear or circular restriction map diagrams containing a virtually unlimited number of restriction sites and fragments. The program shows the map with correct scaling on screen and prints a high-quality image with any PostScript printer. GeneSystems Computer Software. Circle 560.

## Slide Carousel Carrier

Slide Tray Totes can carry from three to ten carousel slide trays in either the 80 or 140 size. They are made of unbreakable



polypropylene and aluminum with a carrying handle and security lock. They are sturdy enough to be shipped or checked as baggage and can be stacked for storage. Visual Horizons. Circle 532.

## Literature

*Tissue Dissociating and Cell-Harvesting Enzymes* are listed in a new brochure that details a broad selection of enzymes. The four-page brochure lists ten different enzyme preparations, notes their sources, and tells pack sizes, enzyme grades, and product forms. The program allows customers to sample lots for selection without obligation to buy. Boehringer Mannheim Biochemicals. Circle 441.

## Products & Materials

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