**Pyrogen Removal and Detection Products**

Several new products can aid in the detection or removal of bacterial endotoxins [lipopolysaccharide (LPS) and lipid A] from fluids. Pyrochek is a detection assay incorporating a horseradish peroxidase–labeled LPS probe in a microwell strip format. Pyrofree microperoripus affinity membranes and microcarriers can be autoclaved and will remove up to 97% of the challenged pyrogen load per pass. Pyroclear is a detergent formulated for the safe removal of pyrogens from surfaces including stainless steel, plastic, rubber, and glass. It can be used for cleaning cell-culture systems, filtration systems, and pharmaceutical-processing equipment. ALErCHEK. Circle 474.

**Software for Amino Acid Analysis**

Software for the Gilson ASTED System has been extended to include three methods of amino acid analysis. The methods are for amino and imino acids, for imino acids, and for amino acids, imino acids, and their metabolites. ASTED can derivatize all primary and secondary amino acids and their derivatives. Proteins, solid particulates, and intentionally precipitated interfering compounds are retained over a purification membrane. ASTED then automatically injects the samples into an analytical high-performance liquid chromatography column. ASTED software now contains ten specific methods. Gilson Medical Electronics. Circle 477.

**Illumination System**

The Highlight 3000 Fiber Optic Illumination System is designed for flawless, consistent illumination in research and routine microscopy. It combines the latest in cold-light fiber-optic technology with ease of use and a broad array of accessories. A patented, continuously variable diaphragm allows control of the light intensity without the need to charge voltage, thereby maintaining constant temperature and output angle of the lamp. Front and side illuminator panels completely shield against stray light. Among the light guides available are bifurcated and single gooseneck in various diameters, bifurcated flexible in various diameters, continuous full-ring ringlight for even illumination, and four-point ringlight for bright, high-contrast light. Olympus. Circle 485.

**Graphics Software**

The Exponent Graphics system is designed to meet the graphics programming needs of scientists and engineers who solve problems using FORTRAN. The system contains subroutines for applications ranging from automatic three-dimensional contour rendering to control of graphics primitives. It can be used in conjunction with IMSL's mathematical and statistical subroutines, the user's own FORTRAN code, and other graphics packages. IMSL. Circle 481.

**Ductless Fume Hood**

Mystaire Model FE-100E ductless fume hood eliminates hazardous fumes, gases, and noxious odors by adsorption onto activated charcoal. It provides increased operator protection through an electronic control panel. A built-in sensor provides continuous monitoring of filter condition. Audible and visual alarms alert the operator if hydrocarbon breakthrough occurs. Heat Systems. Circle 490.

**In-Vivo Electrochemistry System**

The In-Vivo Electrochemistry System (IVEC-5) enables a scientist to measure extracellular neurochemical changes in the brain at speeds approaching physiological events. The system opens a new window into the dynamics of neural mechanisms by recording concentrations of dopamine, serotonin, and norepinephrine up to ten times per second. Electrical currents, measured by microelectrodes placed at the prepared site, are amplified and the signals are directed to a computer. Unique menu-driven software then analyzes the signals, and concentrations are plotted in real time. Medical Systems Corp. Circle 482.

**HPLC Column Oven**

Model EU-255 high-performance liquid chromatography (HPLC) column oven provides precise temperature control from 5° to 85°C. Up to 99 temperature profiles can be programmed through a menu-driven digital control pad. A large liquid-crystal display shows the selected temperature and current status. The oven reaches the desired temperature at a rate of 3° per minute. A microprocessor-controlled Peltier element ensures temperature stability. The oven can hold up to five columns, with room to spare for sample valves, coils, and mixers. It can be used either vertically or horizontally. EuroMark. Circle 489.

**Literature**

SteamScrubbers and FlaskScrubbers Shed New Light on Cleaning Laboratory Glassware is a 12-page catalog that contains specifications, dimensional data, and ordering information on glassware washers. Labconco. Circle 500.


Waters Quanta 4000 Capillary Electrophoresis System is a brochure describing the capabilities of the system, which include extended automation, high sensitivity, fraction collection, and temperature control for reproducible results. Waters Chromatography Division, Millipore. Circle 502.

Accessories and Supplies for Infrared Spectroscopy is an updated catalog with many new products. Wilmad Glass Co. Circle 505.

Whatman LabSales Special Issue is a 96-page catalog celebrating the 250th anniversary of the company. It features complete sections on safety products, separations, lab instruments, and selections ranging from pH meters and electrodes to plastic and glassware. Whatman LabSales. Circle 506.
Products & Materials

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