**Centrifuge**

Model AX213 separates particles as small as 0.5 micrometer. It is suitable for recombinant DNA applications. Its axial discharge system removes solids in a new manner and enables forces of up to 16,000g to be achieved. The unit is easily disassembled and reassembled in less than 3 hours and occupies minimum floor space. Alfa Laval Group. Circle 750.

**Marker Proteins**

The pI Marker Proteins offer a convenient and accurate way to mark polyacrylamide gels for isoelectric separation. Marker Proteins offer advantages of reproducibility and stability of pH gradient and eliminate the need for slicing and extraction to determine pH as is common with sucrose density gradient techniques. Smaller samples may be assayed in less time with less carrier ampholyte. All six markers are colored and do not require staining for detection. United States Biochemical. Circle 751.

**Miniature Specimen Light**

System 177 consists of the model 170 D illuminator, a 68-inch-long fiber optic, and a set of six interchangeable, miniature probes (LT-7 Lite Pipets). The probes will illuminate small specimens, live nerve or muscle tissue, or cultures whose properties might be altered by conventional, hot lights. The fiber optic and Lite Pipets are autoclavable and electrically inert. Dolan-Jenner Industries. Circle 756.

**Rheometer**

The LS 30 is a low-shear rotational rheometer for blood and other body fluids. The device, based on the Couette principle also finds application in interface rheology and viscometric determination of the molecular weight of plastic material solutions. Samples as small as 0.03 cubic centimeter may be analyzed. The instrument features a highly sensitive torque measurement. Combining the LS 30 with a Rheoscan programmer and an x-y recorder enables the user to automatically plot flow curves. Tekmar. Circle 767.

**Cholesterol Analyzer**

Model 23C makes in vitro measurements of HDL and total cholesterol concentrations in blood plasma or serum. The device uses enzymatic conversion to provide diagnostic information in a few minutes. Cholesterol esters are converted to free cholesterol which is converted to cholesterol and hydrogen peroxide. The instrument detects the hydrogen peroxide with a Clark sensor and this measurement is transmitted as an electronic signal to the display panel. Interference from anticoagulants is avoided with model 23C as are most common problems associated with spectrophotometry. Yellow Springs Instrument. Circle 766.

**Polynucleotide Synthesizer**

Model 280 automatically synthesizes polynucleotides such as DNA and interferon. The operator programs the unit to measure materials from up to eight reservoirs in a specific sequence, mix them with any or all of four protected nucleotides in a predetermined sequence, and to deliver waste to a receiver. The synthesized polynucleotides remain in the reaction vessel. Operations are conducted in a nitrogen atmosphere. Vega Biochemicals. Circle 757.

**Ventilated Cage Rack**

The VR-1 is a portable enclosed cage rack with four independent, isolated chambers. Air enters each chamber at low velocity, makes a single pass over the cages in that chamber, and is exhausted by negative pressure directly into the rack’s main exhaust system. This combines to reduce cross contamination, stress, noise, drafts, and fluctuations of temperature and humidity. Employees are protected against dander and other allergens, odor, pheromones, microorganisms, and dust from food and bedding. Lab Products. Circle 754.

**Microwave Power Measurement**

A microwave equipment is described extensively. General Microwave. Circle 763.

**Gas Chromatography Columns**


---

Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines 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 (on pages 118A and 246A) and placing it in the mailbox. Postage is free.

—RICHARD J. SOMMER