



Programmable Sample Processor

The sample processor allows up to ten different programs to be incorporated for high volume diluting or dispensing. The modular system is capable of sample transfer, dispensing, and mixing of up to three reagents at a rate of 400 samples per hour. Selection of reagent volume is done with pushbuttons. Accuracy is within ± 1 percent and precision is within ± 0.5 percent. LKB Instruments, Incorporated. Circle No. 103 on Readers' Service Card.

Differentiate Heterophile Antibodies

Mono-Diff Test is a slide test to differentiate between heterophile antibodies such as infectious mononucleosis, Forssman antibodies, and serum sickness. The kit is useful in screening or titration and provides a positive control. Although it utilizes macroagglutination, it is stable for 1 year under refrigeration. The test involves absorption of patient serum by kidney antigen and beef erythrocyte antigen prior to reaction with stable horse erythrocytes. Wampole Laboratories. Circle No. 104 on Readers' Service Card.

Sample Oxidizer

The 306 Tri-Carb sample oxidizer requires the operator to place the sample in the combustion basket, press a button, and, at the end of the cycle, cap, remove, and label the vials. Recovery is 98 percent or better, spillover is negligible, and the memory effect is less than 0.05 percent. Tritium and carbon-14 samples are easily treated in sizes up to 1.3 grams and for tritiated samples up to 3 grams. Rates approach 60 samples per hour. Packard Instrument Corporation. Circle No. 105 on Readers' Service Card.

Electrophoresis Power Supply

The EC452 regulated power supply adapts to any electrophoresis cell. The unit is either current or voltage regulated. The filtered, regulated output is 300 volts and 100 milliamperes maximum. Selection of current or voltage regulation is by toggle switch. E-C Apparatus Corporation. Circle No. 106 on Readers' Service Card.

Miniature Digital Multimeter

The model 970A (Fig. 1) weighs 7 ounces and operates on rechargeable batteries. It measures voltage and resistance in a-c or d-c circuits. The unit



Fig. 1. Model 970A digital multimeter weighs 7 ounces and measures resistance and voltage in a-c or d-c circuits.

features a digital display that may be inverted with a simple thumb switch so as to be read in any position. The instrument takes a reading at the point measured. Range setting and decimal placement are automatic. Function and reading are also controlled with thumb switches. Hewlett-Packard, Loveland Division. Circle No. 102 on Readers' Service Card.

35-Millimeter Camera-Microscope

Photomicroscope III contains an automated 35-millimeter camera in its stand. Controls for illumination and camera operation are built into the base. The unit features pushbutton operation of exposure and flash illumination. A sensor measures image brightness in the film plane and determines flash duration from 0.002 second down to 0.00002 second. The position frequently occupied by a separate camera is free for a projection head, television image analysis unit, or photometric head. Accessories are available for transmitted or reflected light, brightfield, darkfield, fluorescence excitation, polarizing and other optical applications in biomedical, industrial, and metallographic research. Carl Zeiss, Incorporated. Circle No. 101 on Readers' Service Card.

Literature

Lens Bank Catalog details over 30,000 kinds of lenses in nearly 5,000 focal lengths and mounts. Price is \$3 per copy. Ilex/Burke & James. Circle No. 144 on Readers' Service Card.

Densicom is an eight-page brochure that describes scanning densitometers for electrophoresis and thin-layer chromatography quantitation. Clifford Instruments, Incorporated. Circle No. 145 on Readers' Service Card.

Air Pollution Instrumentation features analyzers for detecting and monitoring airborne industrial pollutants. Mine Safety Appliances Company. Circle No. 146 on Readers' Service Card.

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 (see pages 342A and 406C) and placing it in the mailbox. Postage is free.—RICHARD G. SOMMER

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