

### Graphic Display Interface for Minicomputers

The BP-721 converts any d-c coupled X-Y oscilloscope or other display device into a graphics display terminal. The unit enables the plotting of points, lines, alphanumerics, and real-time dynamic displays. Software features BASIC language commands. Real-time dynamic displays are flicker-free due to a 50-hertz scope refresh provided by internal semiconductor memory. The resolution is  $\pm 0.2$  percent on the X and Y axes. This can be increased to 0.05 percent with a larger unit. The memory capacity is 256 points which is also expandable to 1024 points. Megatek Corporation. Circle No. 130 on Readers' Service Card.

### Microscope Slide Mount

The Thomas-Cobb slide mount enables the user to view a specimen from either side under oil immersion. The system consists of two cover glasses (with the specimen between them) held in a soft aluminum frame that has an 18-millimeter hole in the center. The



Fig. 1. Disposable plastic tips for liquid transfer are available from Oxford Laboratories. They are shown here with the Macro-Set pipetting device. The tips are sterilized with gamma radiation and color coded by capacity.

cover glasses with the specimen are placed on the frame over the hole and a thin square vinyl insert is placed on each side of the mount. The edges of the frame are crimped to hold the inserts and mount in place and the result is a microscope slide that may be viewed under high magnification from top or bottom. Arthur H. Thomas Company. Circle No. 132 on Readers' Service Card.

### Sterile Tips for Liquid Transfer

Disposable plastic tips (Fig. 1) for liquid handling instruments are sterilized by radiation from a cobalt-60 source. They are individually wrapped and color coded to indicate capacity. The individual wrapping and method of sterilization ensure that they need not be touched from sterilization through disposal. Irradiation is more effective for such sterilization than is the use of

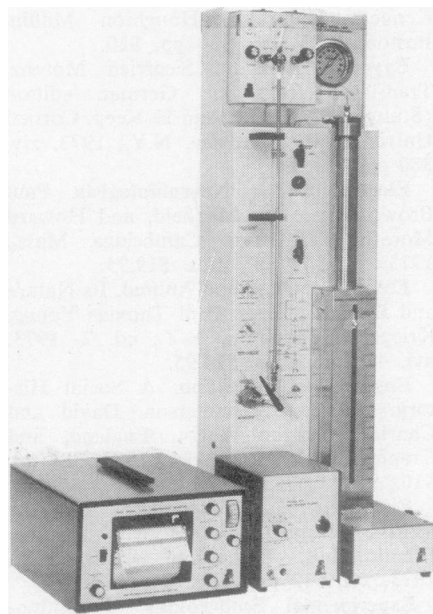


Fig. 2. The ISCO model 1440 high pressure liquid chromatograph. The pump develops up to 2000 pounds per square inch.

gas and it is easier on the product than heat treatment. The tips are made of polypropylene. Oxford Laboratories. Circle No. 131 on Readers' Service Card.

### Liquid Chromatograph

The model 1440 chromatograph (Fig. 2) features a constant-flow, pulseless solvent pump for isocratic or gradient elution. The pump develops up to 2000 pounds per square inch. Solvent changing is facilitated by rapid refill and washout valves. Sample injection is rapid and reproducible with the six-port injection valve. Stainless steel columns with nonclogging fittings and no dead volume are featured. The dual-beam photometer has eight full-scale absorbance ranges from 0.01 Å to 2.0 Å, low noise, micro flow cells, and 13 operating wavelengths. Instrumentation Specialties Company (ISCO). Circle No. 137 on Readers' Service Card.

### Literature

*Calculations* is a quarterly magazine that deals with applications of calculators and software to scientific research problems. Tektronix, Incorporated. Circle No. 132 on Readers' Service Card.

*Edmund Catalog 735* describes more than 4000 items of use in science education, research, and science related avocations. Edmund Scientific Company. Circle No. 134 on Readers' Service Card.

*Variscan Detector System for Continuously Variable Wavelength UV Detection* is an eight-page brochure devoted to systems for liquid chromatography. It includes performance and design parameters as well as sample spectra. Varian Associates, Instrument Division. Circle No. 135 on Readers' Service Card.

*Collaborative Research Catalog No. 2* lists defined sequence oligonucleotides and radioimmunoassay reagents. Collaborative Research, Incorporated. Circle No. 136 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 258A and 338C) and placing it in the mailbox. Postage is free.—RICHARD G. SOMMER

# Science

## Liquid Chromatograph

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