

Don't get stuck by piercing

If you're still piercing to withdraw layers from centrifuged gradients, you're taking unnecessary chances. With the new Buchler Auto Densi-Flow, you can automatically remove samples without risking the mixing caused by piercing.

This new, automated instrument can also deposit any generated gradient gently into any type of centrifuge tube. A built-in pump permits precision metering at your desired flow rate. So if density gradient work is important to you, write for our detailed brochure.

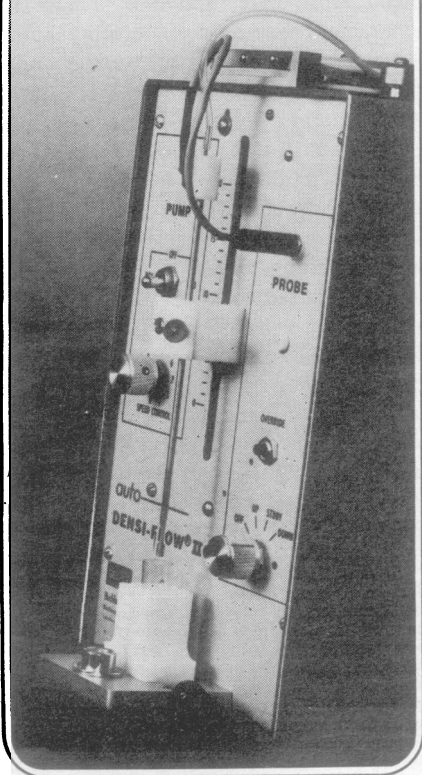
Auto Densi-Flow[®]

SEARLE

Buchler Instruments

Division of Searle Analytic Inc.
1327 Sixteenth Street
Fort Lee, New Jersey 07024

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Televised Microsurgery

The MV9800 Color Operating Micro-Video System is a closed-circuit color television system designed for microsurgery. It may be adapted to any operating microscope. The system consists of a color camera, a color control unit, a color monitor, a flexible fiber optic image guide, a fiber optic auxiliary illumination system, and a color video tape recorder. The system is adaptable for use in endoscopy and ophthalmology as well as in surgery. Circon Corporation. Circle No. 147 on Readers' Service Card.

Interferometer Spectrometer

The EOCOM system analyzes radiation in the range of visible light from $0.65 \mu\text{m}$ through infrared and into the microwave region above $1000 \mu\text{m}$. The aperture accommodates a beam diameter up to 10 cm. The maximum resolution is 0.07 cm^{-1} and there are eight discrete steps from 8.0 cm^{-1} to the maximum. The detection capability is from 1 part per million to better than 1 part per billion, depending upon the application. The system is designed so that tilt and irregularity are eliminated from the mirror in the interferometer; thus, it can negotiate a long stroke without perceptible motion at the center of the interference pattern. To take advantage of the full range, combinations of any of four beam splitters with any of nine detectors may be used. The optical system is interfaced to a computer which plots the data obtained and/or stores it in either disk or tape. The analog-to-digital converter provides a resolution of 15 bits at greater than 100-khz word rate. The computer and disk memory and the optional tape system have similarly high capacities. Eocom Corporation. Circle No. 150 on Readers' Service Card.

Literature

Fiber Optics Catalog offers a line of products and material available from stock and details capability in design to customer specifications. Featured are tools for inspection in areas difficult to view otherwise, flexible light guides, illuminators, image conduit, and clad rod. American Optical. Circle No. 144 on Readers' Service Card.

The Lab Mart is a catalog supplement that describes plastic ware, circu-

lators, melting point apparatus, laboratory jacks, timers, reagent chemicals, and other general scientific supplies. J. & H. Berge. Circle No. 145 on Readers' Service Card.

High-Sensitivity Sampling Systems for Atomic Absorption is an 8-page brochure that describes apparatus for detecting lead in blood, chromium in water, and other research, industrial, and clinical procedures. Perkin-Elmer Corporation. Circle No. 131 on Readers' Service Card.

Instrumentor announces availability of more than 100 refurbished instruments for the scientific laboratory. The catalog includes spectrophotometers, chromatographs, pH meters, power supplies, and others. Beckman Instruments. Circle No. 132 on Readers' Service Card.

Laboratory Animal Care Products gives information regarding housing of laboratory animals by type of animal, by size or number of animals to be housed, or by type of housing. Maryland Plastics, Incorporated. Circle No. 133 on Readers' Service Card.

Chromatography Catalog is a 68-page booklet that lists gas and liquid chromatographs, accessories, and supplies and includes a guide to selection of columns. Varian Associates. Circle No. 134 on Readers' Service Card.

1973 Nalgene Labware describes a complete line of plastic items for the laboratory and offers 14 new products, including plastic sieves, laboratory safety shields, and field and laboratory notebooks with polyethylene covers and pages that are waterproof and resist chemicals and tearing. Nalge Company. Circle No. 135 on Readers' Service Card.

The Orion Expanded Analytical Methods Guide explains analytical procedures and applications and stresses the use of specific sensing electrodes. Orion Research, Inc., Circle No. 136 on Readers' Service Card.

Reagents, Equipment, and Supplies for Histology Lab offers a line of materials for the study of tissues and includes stain sets, preparations, microtomes, tissue embedders, and slides. Fisher Scientific Company. Circle No. 137 on Readers' Service Card.

Nutran User and Programmers Guide is a self-teaching text to enable readers to use NUTRAN, a conversational language similar in concept to FORTRAN. The language is geared to scientific and medical applications. Nuclear Data, Incorporated. Circle No. 138 on Readers' Service Card.

Science

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