



Unique Automatic Electrophoratic Elutor

BUCHLER **Fractophorator****

Now You Can Use Almost Any Gel... Any Buffer... Any Fraction Collector!

The Fractophorator, for Gel electrophoresis, is designed for the separation of proteins, hemoglobin, albumin, enzymes and other compounds, using polyacrylamide or any other supporting medium. It automatically elutes in pre-determined amounts of buffer solution, individual bands emerging from the electrophoretic column and delivers the fractions to a collector. The complete unit can be attached to any electrically driven fraction collector and is activated by the collector's timing system. Load capacity is from a few micrograms to 25 mgm in a 13mm diameter by 130mm long column. **Price: \$570.00**



BUCHLER INSTRUMENTS DIVISION NUCLEAR-CHICAGO CORP.

A SUBSIDIAAY OF G.O. SEARLE & CO. 1327 SIXTEENTH STREET, FORT LEE, NEW JERSEY, 07024

CIRCLE 28 ON READER SERVICE CARD

NEW FROM AVCO -- DROP-IN DYE CASSETTES . . . NOW SELECT YOUR TUNABLE LASER SPECIFICATIONS

AVCO now makes possible several options in tunable laser specifications resulting from the introduction of "drop-in" dye cassettes. You can now select a tunable laser system meeting your requirements for repetition rates and average power. The new flowing dye cassettes or static dye cells can be combined with either of AVCO's N₂ lasers to give tunable laser specifications as shown below.

TUNABLE LASER SPECIFICATIONS			
		STATIC DYE CELLS	FLOWING DYE CASSETTES
MODEL C950 N ₂ LASER	REP. RATE	1-25 pps	1-100 pps
	AVG. POWER	to 2.5 mW	to 10 mW
	TUNABLE RANGE	360 to 670 nm	360 to 670 nm
MODEL C5000 N ₂ LÄSER	REP. RATE	1-25 pps	5-500 pps
	AVG. POWER	to 2.5 mW	to 50 mW
	TUNABLE RANGE	360 to 670 nm	360 to 670 nm



For information on AVCO lasers, circle readers' service number or write or phone Dick Neal at Avco Everett Research Laboratories.

AVCO LASERS

ZAVCO EVERETT RESEARCH LABORATORY
2385 REVERE BEACH PARKWAY EVERETT, MASSACHUSETTS 02149
TELEPHONE: 617 389-3000

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Product Capsules

Helium detectors. Metastable unit has capability to run 50,000 analyses of 50 ppb of O_2 and N_2 with an accuracy of 1%.

Hydrogen generators. New portable unit for GC uses no caustic solutions, eliminates gas bottle storage and use problems, needs no palladium diffuser to control purity.

P 72

Labels. Brochure and samples on pressure-sensitive microscope slide labels.

P 153

Lamps, hollow cathode. Wide variety to fit any AA spectrophotometer. Data file.

Liquid injectors. New, all-metal, submicroliter unit makes perfect 0.1 μ l, 0.2 μ l, or 0.5 μ l injections with high repeatability.

Microscopes. Complete line of budget-priced units, including metallurgical, biological, stereoscopic, polarizing, measuring, and student models. Catalog. P 192

Mixers. Info on units and accessories for lab bath or continuous chemical and physical processes. P 183

Nitrogen analyzers. Simple-to-operate unit provides rapid results for an almost unlimited range of materials.

P 35

Osmometers. One or two chamber types, in glass or metal, for rapid determination of molecular weights, or thermodynamic states of synthetic and natural macromolecular substances. Bulletin.

pH meters. New digital-display models from advanced 4- and 5-digit meters to conventional analog display models.

P 34

pH meters. New digital unit has just 2 adjusting knobs, reads out mV directly and pH to 2 decimals.
 P 122

pH papers. Non-bleeding universal indicator and special indicator strips.
 Reactive zones sealed onto plastic strips. Brochure.

pH papers. Gives one of 25 possible pH readings with one dip. Range in half stop readings from 0.1 to 10; full stop from 10 to 14. Bulletin. P 177

Photometers, flame. New unit provides accurate and stable measurement of Na, K, and Li in serum or urine. Solid-state electronics. Bulletin. **P 38**