

DO YOU NEED ANSWERS TO ANY OF THE FOLLOWING QUESTIONS?

NUCLEAR FIELD

Do you produce, sell or use nuclear fuel elements and require a careful analysis of uranium, thorium or various impurities?

Do your requirements specify that boron, cadmium, or high cross section rare earths such as gadolinium, samarium, europium or dysprosium must each be below one part per million?

Does your process develop either liquid or solid scrap which must be evaluated?

MINING AND METALLURGICAL FIELD

Does the evaluation of your mining property require rapid and inexpensive analyses?

Do you import and export minerals, ores, and concentrates and therefore require conscientious sampling and weighing representation as well as chemical analyses? Do you require certificates which are honored and accepted both here and abroad?

Do you wish to know whether your high purity metal or alloy contains parts per million metallic or gaseous impurities? Or whether it meets specifications?

CONSULTATION

Is your laboratory using analytical procedures that achieve the speed, accuracy, and low cost requirements of your production?

Does your chemist or technician look for competent advice or training in up to date wet chemical or instrumental methods of analysis?

Is your sampling technique consistent with your analytical requirements for accuracy?

WOULD YOU PREFER TO DO BUSINESS WITH AN INDEPENDENT, UNBIASED CONCERN? ONE THAT HAS DEVOTED OVER EIGHTY YEARS AND ALL ITS ENERGIES TO THE SAMPLING AND ANALYSIS OF INORGANIC PRODUCTS?

IF THE ANSWER TO ANY OF THESE QUESTIONS IS YES—CONTACT WITHOUT OBLIGATION

LEDOUX & COMPANY

Dept. W.G.

359 ALFRED AVENUE
TEANECK, N. J. 07666

Telephone: 201 TE 7-7160 (Teaneck, N. J.)
212 WI 7-0953 (New York City)

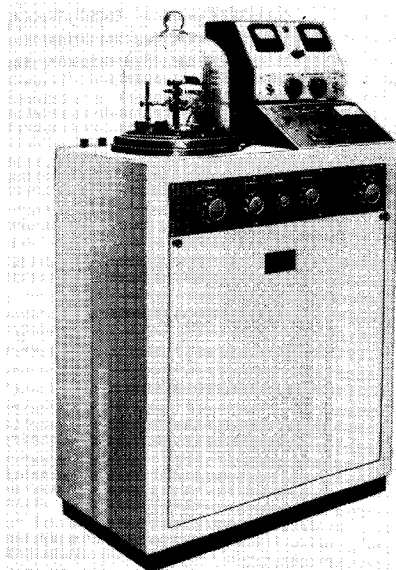
Teletype (TWX) Area Code 201-833-0676

Cable Address Ledoux Teaneck

Circle No. 4 on Readers' Service Card

140 A • ANALYTICAL CHEMISTRY

NEW PRODUCTS



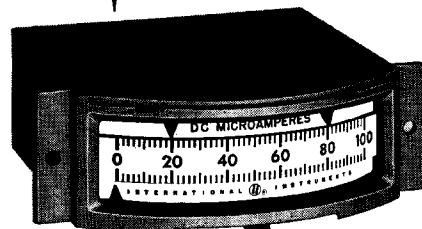
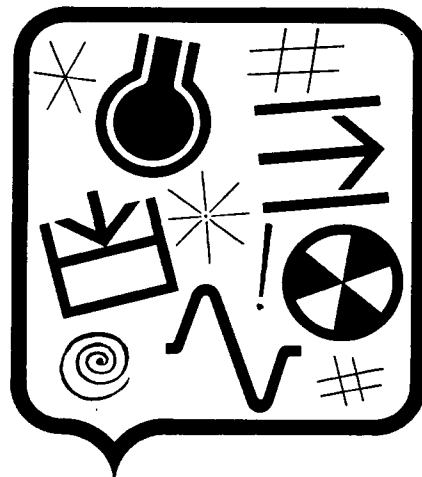
Vacuum evaporator for specimen preparation, the Model JEE-4B, can be used with any electron microscope. In this compact evaporator all operating controls are in one accessible area out in front, for optimum convenience. Vacuum of 2×10^{-5} mm. Hg is achieved in only 10 to 15 minutes. With the JEE-4B, carbon and metal evaporation can be carried out successively on the same specimen. Fisher Scientific Co., 300 Fisher Building, Pittsburgh, Pa. 15219. **423**

Automatic pH Sensor and Control System

An automatic pH sensor and control system is available for use in conjunction with a chemical feed pump. The control unit consists of a pH sensor, an amplifier, and a relay. The sensor continually monitors the pH of the water. The key elements of the control unit are the result of research by Honeywell Research and Development. The unit is designed to sense pH in recirculated systems such as cooling towers and swimming pools. It will turn on a chemical feed pump when more acid or alkaline solution is required and turn it off when the desired level is reached. Precision Chemical Pump Corp., 1396 Main St., Waltham, Mass. 02154. **424**

Gas Chromatographs

The Model 7820 gas chromatograph is designed for temperature programmed operation from ambient to 300° C. It decreases elution time of the later peaks in a mixture containing compounds with widely spaced boiling



The Control Meter that
engineers swear by
... not at!

Why?

Because nobody makes one like it, let alone one that performs like it.

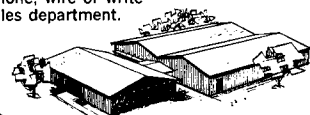
This is a highly reliable solid-state ELECTRONIC CONTROL METER. It generates a continuous output signal beyond its adjustable control settings. It resets automatically, gives accurate, full-scale indication at all times.

And it does all this (and more) WITHOUT CONTACTS AT CONTROL POINTS. It also features:

- Bi-level scale for minimum parallax.
- External, easily accessible zero adjust.
- Control points adjustable over full scale.
- Null control at any point.
- Choice of one or two control points.
- Available in standard and special ranges.

Power packs for circuit operation and switching, relays, cables and other accessories can also be furnished.

FOR ENGINEERING DATA SHEETS . . . and for your special requirements on Electronic Control Equipment, Edgewise Meters and Panel Meters . . . phone, wire or write our sales department.



Member of NEMA
Electrical Indicating Instrument Section

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instruments inc.**

88 Marsh Hill Road, Orange, Conn. Cable: "INTERINST"

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