

New Products



A complete new line of complementary gas chromatography instruments and accessories, incorporating the latest in chromatographic and microprocessor technology—the SIGMA Series—has been announced by the **Perkin-Elmer Corporation**.

The SIGMA Series provides a selection of any of four instruments with interchangeable components and accessories to match a user's particular analytical needs and budget.

The Series is comprised of:

SIGMA 1, a system combining one or more gas chromatographs with integral control and data handling;

SIGMA 2, a multi-detector, microprocessor-controlled gas chromatograph;

SIGMA 3, a modestly priced, microprocessor-controlled gas chromatograph;

SIGMA 4, a versatile, isothermal gas chromatograph, and

SIGMA 10, a sophisticated lab data system for multiple channels with printer/plotter.

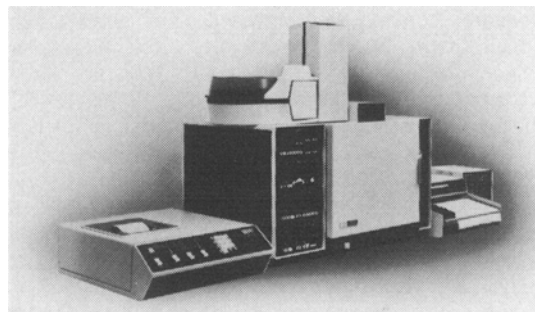
Each instrument in the line provides identical chromatographic performance so that most methods developed on one instrument can be transferred to any other instrument in the line. This has been achieved by design innovations and the use of common components and accessories.

For further information call or write: the Perkin-Elmer Corporation, Instrument Division, Main Avenue, Mail Station 12, Norwalk, CT 06856, (tele: 203-762-1000).

Penwalt's Wallace & Tierman Division is marketing its patented E.R.P. envelope which provides basic improvement in the technology of cathodic protection. The envelope electrically isolates buried pipelines, storage tanks, lift stations, transformers or building pilings to increase the efficiency of any cathodic protection system. Information: Wallace & Tierman Division, Penwalt Corp., 25 Main St., Belleville, NJ 07109.

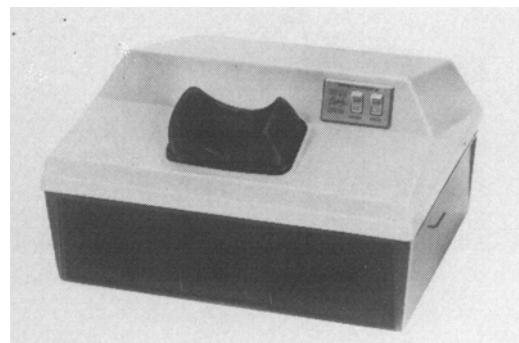
Sensorex is marketing fast-response polymer body combination pH electrodes with response times of one second in 95% of uses. Available sizes include diameters ranging from 6 to 12 mm and lengths from 90 to 250 mm. Information: Sensorex, 9713 Bolsa Avenue, Westminster, CA 92683 (tele: 714-554-7090).

Magna Corporation's new Model 1550 pH Controller with Flow Cell will continuously monitor and control pH in cooling water towers and plant effluents, the firm says. Strip chart recorders are available for continuous recording where permanent records are required, with a 30-day supply of chart paper. Information: Magna Corp., 11808 S. Bloomfield Ave., Sante Fe Springs, CA 90670.



Varian has introduced its Model 3711 Automatic Gas Chromatograph which automates the gas chromatography process from injection and separation through peak measurement, calculations, and final report. Model 3711 is a two-unit instrument consisting of controller and dual-column chromatography. Information: Bill Ballandyne, Varian Associates, Instrument Division, 611 Hansen Way, Palo Alto, CA 94303 (tele: 415-493-4000).

Thermal Instrument Company has published a new brochure describing its instrument systems for measuring liquid, gas, or solid particle flow. The systems can measure high and low temperature, pressure, and viscosity extremes as well as abrasiveness and causticity without contact to the flow medium or constriction of the flow path. Information: Thermal Instrument Co., 217 Sterner Mill Rd., Trevoze, PA 19047 (tele: 215-355-8400).



Ultra-Violet Products, Inc., is marketing its new UVP Color Matching Cabinet as a fast, simple color matching tool, specially designed to aid in visual identification of potential color mismatches. The color samples are first examined under a daylight lamp, then under a pink UVP matching lamp. If the match persists, the firm says, the two colors will always match to all viewers under all conditions. Information: UVP Inc., 5100 Walnut Grove Ave., San Gabriel, CA 91778 (tele: 213-285-3123). ●