

## Recording Titration System

The Titrigraph (Fig. 1) automatically records standard titration curves, first derivative curves, or the kinetics of reaction solutions. A digital or analog pH meter may be used as the signal source; sensors include pH, specification, or other potentiometric electrodes. The amount of reagent dispensed is controlled as the speed of the reaction changes. London Company. Circle No. 867 on Readers' Service Card.

## Enzymes

More than 150 purified enzymes are now available from a single supplier. Among them are choline kinase, obtained from rabbit brain, which is useful in measuring content of choline and acetylcholine in brain tissues; lactoperoxidase, obtained from milk, which finds application in studies of peroxidase-dependent reactions; and super-

oxide dismutase, obtained from beef erythrocytes, which facilitates the study of free radical reactions. Research Division, Miles Laboratories. Circle No. 865 on Readers' Service Card.

## Animal Activity Monitor

The Varimex activity meter distinguishes between vertical movement and horizontal movement of subjects. Experimental animals and control animals may be monitored alternatively by the same control unit. The control unit houses signal oscillators, timing and tuning devices, sensitivity adjustment, and accumulating counters. Sensors of horizontal movement are inductive; sensors of vertical movement are capacitive. Systems may be designed to monitor movement under a variety of experimental conditions. Columbus Instruments Division of International Instrument Company. Circle No. 868 on Readers' Service Card.

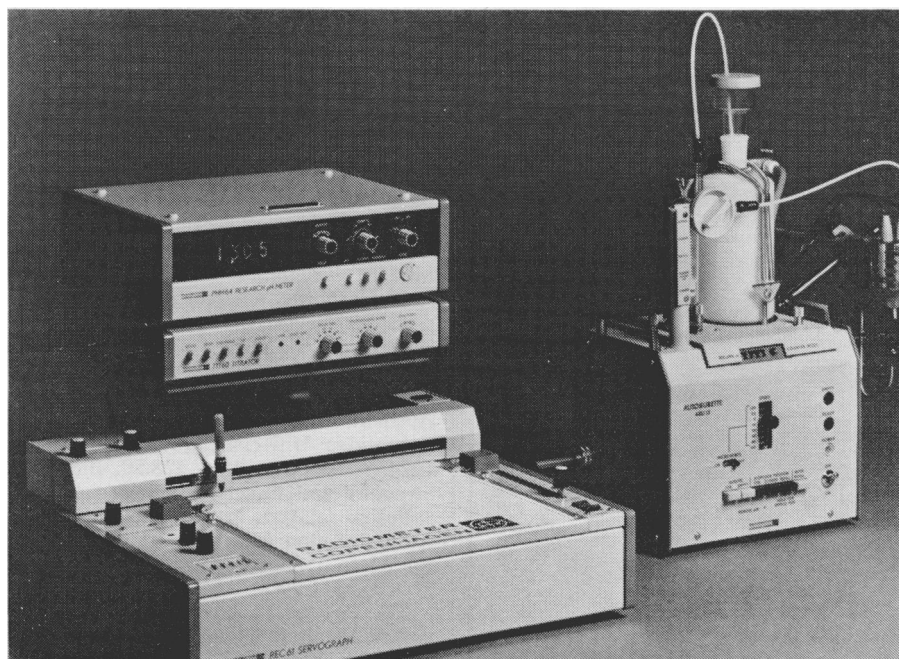


Fig. 1. The Titrigraph system automates all steps of titration and records results during the procedure.

## Literature

*Sil-X Columns and Packings for High Performance Liquid Chromatography* details a line of accessories for all liquid-chromatography applications. Perkin-Elmer Corporation. Circle No. 869 on Readers' Service Card.

*High Voltage Power Supplies for Laboratory and Industry* gives specifications of the RHR line of regulated direct-current devices. Spellman High Voltage Electronics Corporation. Circle No. 870 on Readers' Service Card.

*Solid State Switches* are described in bulletin S-101 for many communications applications. Raytheon Company. Circle No. 871 on Readers' Service Card.

*Environmental Field Testing and Analysis Service* capabilities are outlined in a brochure devoted to stack emission, high temperature sampling, odor analysis, and other environmental test applications. Particle Data Laboratories, Limited. Circle No. 872 on Readers' Service Card.

*Inverted Metallurgical Microscopes* describes the MEC line including features and detailed specifications. Unifit Instrument Company. Circle No. 873 on Readers' Service Card.

*Model 805 Waveform Recorder* is the subject of a four-page brochure that includes illustrations and design features. Biomation Corporation. Circle No. 874 on Readers' Service Card.

*Electron Tubes, Integrated Circuit Diodes and Transistors* are catalogued in the 1974-75 price list from JSH Electronics, Incorporated. Circle No. 875 on Readers' Service Card.

*Heat Systems for Laboratory and Pilot Plant Applications* are illustrated in a color catalog that details furnaces of four types: tube furnaces (single-zone and three-zone), muffle furnaces, and crucible furnaces. Lindberg Division of Sola Basic Industries. Circle No. 876 on Readers' Service Card.

*Fact Pack Postcard Catalog* offers instant response to inquires for all types of gases, mixtures, and delivery and storage apparatus. Matheson Gas Products. Circle No. 877 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 94A and 190C) and placing it in the mailbox. Postage is free.—RICHARD G. SOMMER

# Science

## PRODUCTS and MATERIALS

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