

new products

Ultraviolet flashlight is ideal for inspection and quality control of foods, drugs, chemicals, metals and textiles. It is also designed to be used in the field by metallurgists, mineralogists, geologists, criminologists, and environmental control inspectors. The unit has a long wavelength (3,100 to 3,800 Å.) ultraviolet light output making it useful in medical diagnosis and biological research. A gaseous ultraviolet bulb emits maximum long wavelength output with a minimum of visible light.

PCM Industries, Inc.

Circle No. 130 on Reader Service Card

Molecule maker, a teaching device, is a visual aid that simplifies the concepts of valence, molecule formation, formulas and radicals. Each kit is designed for use by an individual student. It consists of a series of cards that represent various elements and radicals, enabling the student to visualize and conceptualize with proficiency. It is designed to help develop a firm foundation upon which to build an appreciation of more advanced chemistry.

Teaching Concepts, Inc.

Circle No. 131 on Reader Service Card

Chromotogram scanner is able to effectively quantitate tlc plates, gels, acrylamides, film, paper and other electrophoretograms. A complete unit in itself, it has the ability to operate in the absorption, fluorescence, quenching, transmission and reflection modes. A built-in density computer provides a completely automated readout system. Connected to the system is a data acquisition computer unit, which has a memory feature as well as an automatic integration unit.

Schoeffel Instrument Corp.

Circle No. 100 on Reader Service Card

Automatic turret spectrofluorometer gives high-speed detection of the heroin-morphine addict, and is combined with a recorder, for clinical batch analysis. As many as 16 samples may be placed in the removable turret and inserted in the sample chamber. Each sample is scanned and recorded in 20 seconds.

Farrand Optical Company, Inc.

Circle No. 101 on Reader Service Card

Centrifugal air-pollution analyzer can separate and analyze size distribution in aerosol particles, and the rotor comprises a spiral duct within which a lamina clean air flow is established. The rotor has a size resolution capability between 5×10^{-4} cm and 8×10^{-6} cm at a centrifugal speed of 3,000 rpm. The aerosol sampling rate is up to 1.5

liters per minute, and total air flow up to 20 liters per minute.

Ivan Sorvall, Inc.

Circle No. 102 on Reader Service Card

Shaking bath has a temperature range of 0° to 100° C. and comes with an auxiliary refrigeration unit. The unit can be used in any laboratory work requiring sample agitation within a controlled temperature environment. The shaking carriage-magnetic follower glides on nylon rollers with interchangeable flask-holding trays allowing utilization with 25 to 500 ml Erlenmeyer flasks and with various size test tubes.

Bench Scale Equipment Co.

Circle No. 103 on Reader Service Card

Submersible magnetic stirrer allows for fast consistent stirring action while operating underwater in complete safety. The unit is ideal for use in oil baths, low temperature baths, and submersible stirring applications, and is capable of stirring a beaker, flask, or eight test tubes immersed. The device can mix up to 1,500 ml of water.

Henry Troemner, Inc.

Circle No. 104 on Reader Service Card

Ozone meter features a refrigerated enclosure that houses the photomultiplier tube, electrometer, and associated circuitry and maintains enclosed electronics in a thermally stable environment. The unit detects the chemoluminescence resulting from the flameless reaction of ethylene gas with ozone. The instrument offers four ranges covering 0-10 ppm.

McMillan Electronics Corp.

Circle No. 105 on Reader Service Card

Hydrogen determinator incorporates the inert gas fusion technique and requires only two minutes to complete an accurate, automatic determination of hydrogen in steels, titanium and other alloys. The user places the sample—which may be in powder, milling, or solid form—in a single-use graphite crucible in the impulse furnace, where it is fused at 2,500°C. The evolved design is measured by means of a sensitive thermal conductivity device, with the measurement displayed as ppm on an electronic digital voltmeter. Direct reading range is 0.1 to 200 ppm.

Laboratory Equipment

Circle No. 106 on Reader Service Card

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