new products

Gas and smoke alarm system detects combustible gases and solvent vapors in air and sounds an alarm before explosive concentrations are reached. The unit is also sensitive to smoke, making it ideal for storerooms and warehouses. The device utilizes a newly developed solid-state sensor, requires no periodic maintenance, and consumes only 3 watts of electrical power. There is no installation other than plugging the unit into an electrical outlet. A single unit will protect 1,000 cubic feet to 2,000 cubic feet of space depending upon the air circulation.

TecTol Inc.

Circle No. 97 on Reader Service Card

CO_2 anesthetizer is designed for facile handling of groups of insects in experiments where it is necessary to treat the members of the group individually. It will serve equally well in other situations. With the top and bottom sections in place and flexible tubing connected to the gas inlet, CO_2 is introduced into the lower chamber and rises through holes into the upper chamber. The insects are immobilized, placed on a sheet of stiff material, and covered with a hoop cage for easy study.

Bel-Art Products Inc.

Circle No. 98 on Reader Service Card

Erasable optical recording medium has a wide application in the technologies of optical mass memory, display and optical data processing. The recording material differs from conventional photographic film in two important ways. The recording process is erasable and no wet processing for development of fixing is required. This permits real-time recording and readout.

Isomet

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AC current leakage tester is designed to test 120-volt AC appliances and electrical equipment in accordance with the proposed U.S. standard. It approximates the normal perception curve to within ± 0.1 dB, and measures currents as small as 5 microamperes. Operation is simple, and all ranges are protected from damage if accidentally subjected to line voltage.

Simpson Electric

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Bell Labs Science Program, a series of four science experiment kits was originally designed and developed by scientists and engineers of the Bell Telephone Laboratories in cooperation with a nationwide panel of science teachers. The first kit in the program, "From Sun to Sound," requires the student to solve problems, apply basic theories and perform real experiments. The kit contains all components and information necessary to build a transistorized oscillator powered by solar energy. A 128-page book written by a Bell Labs scientist is included. Other kits are available on speech synthesis, crystals and light, and manual computers. The kits are appropriate for students in high schools, technical schools and junior colleges.

Comspace Corp.

Circle No. 127 on Reader Service Card

A new pollution test set provides all the chemicals, materials and tools needed to perform hundreds of hours of scientific experiments to locate causes and sources of pollution and to measure its amounts and effects. An illustrated 44-page instruction booklet is include along with such materials as biodegradable plastic, biodegradable paper, a universal indicator used in detecting the acidity and alkalinity of water, soil and food. Also included are a carbon monoxide indicator, activated charcoal and a smoke chart used to measure the density of smoke in the air.

Replogle Division of Meredith

Circle No. 128 on Reader Service Card

Geochemical exploration kits bulletin gives information on when and where to use the geochemical prospecting technique. The kits are for reconnaissance or for detailed surveys and are contamination proof, easy to use and provide fast results. The bulletin includes information on products and field equipment for geologists and engineers.

Geophysical Instrument & Supply Co.

Circle No. 129 on Reader Service Card

A comprehensive ecology program for junior and senior high schools deals with 10 major areas of ecology. The first series covers living and nonliving factors in the environment, followed by a second series which is a study of some different environments. The next major area covers the adaptation of plants and animals to their environment, and the next deals with competition among living organisms. The program includes 32 full-color transparencies and a comprehensive teachers manual.

Science Kit Inc.

Circle No. 130 on Reader Service Card

A course to teach junior high school students about environmental problems and solutions is a 15- to 20-hour program emphasizing recycling. The course, entitled Environmental Action: Recycling Resources, includes a teacher's manual, a student handbook, two color film strips and a class simulation game. The teacher's manual contains lesson plans with objectives, background information and sources of additional environmental information.

The Creative Teacher Inc.

Circle No. 131 on Reader Service Card

Elementary science series covers the subjects of plants, animals, environments, planets, weather and electricity. They have been written by experts in their fields, and have been tested in elementary schools. Each lesson is on a 40-frame continuous loop cartridge, and each offers up to four answers. The student is provided with an instant reinforcement when he slides the correct selector forward to advance the lesson in the hand-held device. Subject matter can be changed in seconds, and the unit is portable and maintenance free.

Enrich Co.

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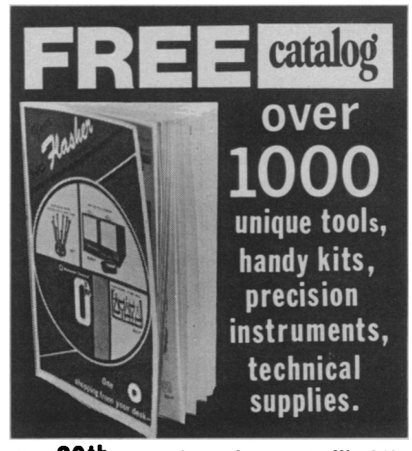

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