

new products

Multi-media kits are designed for inquiry teaching, and individualized learning. Separate kits for the heart, the eye, the ear, and the teeth are valuable study aids in all science and biology programs. Each kit includes a large, three dimensional, unbreakable vinyl plastic model; a record or cassette (your choice) that gives the model a "voice"; a full color film strip that provides detailed information for in-depth teaching; student activity sheets; and an illustrated resource manual designed for both teacher and student.

Denoyer-Geppert

Circle No. 145 on Reader Service Card

Water still is designed for use in laboratories or schools where a need exists for distilled water in good supply. The still has a capacity in excess of three liters per hour with purity of distillate in the range 3-4 micro Mho/CM. It features an automatic cut-out and an integral stainless steel constant-level control. The condenser and the boiler lid are manufactured from borosilicate glass.

Wheaton Scientific

Circle No. 73 on Reader Service Card

Tool selection catalog offers a complete range of quality tools for the technician. Listed are hundreds of unique tools, precision instruments, and work shop needs and accessories. In addition, items of photographic interest for the specialist are included. Unusual tools, hard-to-find instruments, and popular metric-sized items are among the many selections available through the catalog.

National Camera Supply

Circle No. 146 on Reader Service Card

Student hot plate is designed for the elementary, secondary, or university science student. The unit has a high safety factor for all levels of science teaching. There is no open flame, and embedded heating coils protect the operator from electrical shock. The heat range is from ambient to 750°F. with a thermostatic limiting device to protect from overheating. The plate must be unplugged to be turned off. Thus, a visual check can instantly spot units left on after the lab session.

Thermolyne Corp.

Circle No. 147 on Reader Service Card

Dust indicator is battery operated and permits routine monitoring of atmospheric dust at any location of interest where immediate data are required. Scattered light from dust in air being sampled is absorbed onto a photomul-

tiplier tube. The indicator measures concentrations of dust from 0.01 to 500 mg/m³. Counts per minute are displayed on a convenient dial, or total count can be accumulated in the digital counter provided. Air is sampled at the rate of 10 l/min.

Weather Measure Corp.

Circle No. 74 on Reader Service Card

Air pollution trace oven for rapid identification and quantitation of trace amounts of particulate metal pollutants collected by paper tape samplers compares with more expensive instrumental methods in sensitivity and specificity. A single spot sample is centered in top opening and reagent is applied. The dissolved contaminants concentrate in a ring, and when the paper is dried the ring is cut into sectors for testing for specific metals.

A. H. Thomas Co.

Circle No. 75 on Reader Service Card

Laboratory bath/circulator features -20 to +70°C. operation with control accuracy of $\pm 0.01^\circ\text{C}$. Stainless steel bath area has 7½-gallon capacity and may also be used with external circulating to cool instruments. Coolant may be pumped in at 3½ gpm rate with 5-ft head.

Hotpack Corp.

Circle No. 76 on Reader Service Card

Animal activity meter uses proximity sensors in the form of electromagnetic coils, enabling the measurement of activity of animals through the walls and floor of the cage. Measurement is performed in most natural conditions, and there is no distortion of measurement from light or mechanical switches. In medical applications, there is no danger of contamination of instrument by an infected animal. Plastic or glass cages should be used for measurement, as the cage is placed on the top plate of an activity meter which produces an electrical distortion in the resonant circuit when animals enter the electromagnetic field of the coil.

Columbus Instruments

Circle No. 77 on Reader Service Card

Anatomical replicas of the human torso and lower extremity are made of flexible, lifelike material that accurately duplicates surface details. The torso replica allows instructors to give accurate and detailed data on viscera and other parts of the upper body. Thoracic and abdominal walls and the heart and lungs are removable. The digestive tract can be removed from the abdominal cavity. The replica of

the lower extremity reveals the muscles, nerves, tendons, vessels and arteries in realistic form. Special efforts were made to sharpen certain features.

Nasco

Circle No. 148 on Reader Service Card

Chlorine gas heater is capable of heating 100 cubic feet per hour of dry chlorine to controlled temperatures from a few hundred to several thousand degrees. The no-electrode heater makes possible contamination-free and corrosion-free heating of chlorine. It operates as a water cooled, automatically controlled unit.

Humphreys Corp.

Circle No. 80 on Reader Service Card

Telemetry calibrator is accurate to $\pm 0.05\%$ and has both a precision voltage source and a precision potentiometric voltage indicator. It features a LED readout, is entirely solid state, and is pocket-sized. The standard unit has five calibrating voltages 0.00V, 1.25V, 2.50V, 3.75V and 5.00V in both the measurement and source modes.

Pioneer Magnetics Inc.

Circle No. 82 on Reader Service Card

Oil removal filter media has the ability to hold 4 to 5 times as much oil as filter sand and can release much of the oil by periodic back-flush. Water containing light oil up to 15 ppm concentration can be backflushed with cold water. The unit uses a hot water (160°F.) backflush and successfully removes heavy oils and tars in the 100 to 200 ppm range. Oil removal efficiency of this new media is in the 95% range.

Hayward Filter Co.

Circle No. 78 on Reader Service Card

Micropipette is designed for laboratory use in delivering micro-volumes of samples and/or reagents. Unique disposable, polyethylene tips have a "lock-in" feature to assure a sealed system.

Centaur Chemical Corp.

Circle No. 79 on Reader Service Card

Flameless sampler consists of a tantalum ribbon, controlled atmosphere atomization device for use with atomic absorption spectrophotometers, and a controlling module.

Instrumentation Laboratories, Inc.

Circle No. 81 on Reader Service Card

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