

# New Products

Products are selected and listed as an editorial service. The claims are the manufacturers'. For further information circle appropriate number on the postpaid, self-addressed Reader Service Card.

**Laboratory Safety Chart** is printed in color on washable texoprint and covers 25 laboratory safety topics. It illustrates them in an interesting and easily understood graphic style. The chart is intended for schools, colleges, laboratories and industrial plants.

General Scientific Co.

Circle No. 147 on Reader Service Card

**Variable spark timer** is designed to provide accurate spark discharges at fixed frequencies. The unit offers a wide range of applications as a general laboratory timing device. Other uses include free fall, inelastic collision and harmonic motion experiments. The timer is self contained with output frequencies at 5, 10, 15, 20, 30 and 60 Hz.

Eduquip/Macalaster.

Circle No. 148 on Reader Service Card

**Scanning electron microscope** with TV scan can be installed on any desk or laboratory bench. It features a guaranteed resolution of 750 angstroms, magnification range of 20 X

to 10,000 X, and accelerating voltage of 10 kV. The instrument provides up to 500 times greater depth of field and up to 10 times greater useful magnification than the best optical microscope. Essentially no training is required to operate the unit. An absolute minimum number of controls, easy specimen insertion and TV display enable it to be operated by anyone. A unique column design eliminated vibrations, allowing installation at any site. Applications include all fields, and the unit comes with an assortment of options.

ISI

Circle No. 150 on Reader Service Card

**Chlorine monitors** provide continuous, real-time measurement of total residual chlorine (hypochlorite) for concentration ranges between 0.05 ppm and 100 ppm. The monitors automate proven chemical sensing electrode methods and are therefore unaffected by sample color and turbidity—the only interferences are bromide, iodine, and strong oxidizing agents. The laboratory accuracy, reliability and speed of response of the monitors make them ideal for municipal water supply chlorination, process control and industrial waste treatment applications.

Orion Research Inc.

Circle No. 112 on Reader Service Card

**Portable power unit** produces 3,000 watts of dependable electricity, which is delivered by an air-cooled Wankel rotary engine. The entire unit is mounted on a two-wheeled cart

with large tires for moving it from place to place, and each unit is custom produced, so a wide range of extras can be included to meet individual requirements. The high torque, high power-to-weight ratio engine produces less vibration, is quieter and requires less maintenance. This power source has a wide range of uses: homes, farms, industry, emergency vehicles and contractors.

H. Alan Industries.

Circle No. 152 on Reader Service Card

**Process monitor** continuously measures the concentration of specific gaseous or liquid components in process streams using infrared absorption. A two-wavelength interference filter system and a logarithmic amplifier are two features of the unit.

Wilks Scientific Co.

Circle No. 73 on Reader Service Card

**Saltwater aquarium** provides classroom excitement for any level student involved in setting up, caring for and working with marine life. The animals are exceptionally hardy, able to withstand temperature ranges of 28° F. to 80° F. They have an excellent tolerance to extremes in salinity, pH, and some chemical fluctuations. A marine educational program specifically helps teachers set up, maintain, and plan learning activities around a classroom saltwater aquarium.

NEMSCO.

Circle No. 149 on Reader Service Card

**NOW...  
A wholly  
different concept  
for teaching  
with the microscope**

It looks different. It is different. It's totally designed for science teaching. Academic StereoZoom Microscope by Bausch & Lomb lets science students relate to the specimen being studied without having to take a course in microscopy first.

This unique Bausch & Lomb microscope combines stereovision with an exclusive zoom magnification that makes for a natural relationship between the student and the specimen. Scanning the field at low magnification or zooming to a specific detail at higher magnification is as non-technical as watching a quarterback on TV. And list prices for this American-made instrument start at \$159.\*

There is no longer an illumination problem. The turn of a knob allows selection of reflected light, transmitted light or a combination of the two, and it uses just one light bulb!

These new instruments are well built, with every safeguard to prevent damage to assure long, maintenance-free, lifetime use.

You have a need to know what's new. Write for the new catalog 31-2398 and our free demonstration offer, today.

\*Fixed power model F-15.  
Illustrated—Zoom model Z25L2,  
suggested list, \$243

**BAUSCH & LOMB**

Scientific Optical  
Products Division

26603 Bausch Street, Rochester, N. Y. 14602



StereoZoom. Reg. T.M. Bausch & Lomb.

Circle No. 123 on Reader Service Card