

new products

Pollution test "lab-pak" is a qualitative and semi-quantitative spot color test for the presence of mercury (Hg) and mercury ions in the environment. It is possible to detect concentrations as low as 100 ppb of Hg or lower by evaporating the test solutions. The kit contains sufficient material for 30 students to test up to 600 samples.

lab-PAK Scientific Corp.
Circle No. 133 on Reader Service Card

Oxygen scavenger removes up to 99% of the oxygen present in inert and other laboratory gases. Ridox granules work efficiently at ambient gas temperature but will function well at any temperature from -40° to $+200^{\circ}\text{C}$. Oxygen is removed by allowing the gas to go through a tube filled with the reagent, or over a bed of granules.

Fisher Scientific
Circle No. 97 on Reader Service Card

Holographic system that meets the requirements of research workers yet is inexpensive enough for school laboratories or hobbyists is designed to produce large, superior-quality holograms. The system includes all the equipment, except the laser, needed to make very clean and distinct 100 by 125 mm holograms. It will accommodate objects up to 30 centimeters in any dimension. The system comes partially assembled and

may be set up quickly. High-resolution mirrors transmit reference and object means without distortion. Precision-made components such as a beam splitter and plate holder add to the system's stability.

Metrologic Instruments Inc.
Circle No. 134 on Reader Service Card

Gas chromatograph offers versatility and is designed for both the student and teacher. The instrument permits the performance of sophisticated yet basic experiments in gas chromatography without complicated apparatus. There are no extraneous dials or knobs, and an instruction manual is included which contains the elements of gas chromatography and many practical laboratory experiments designed to stimulate student interest.

Gow-Mac Instrument Co.
Circle No. 98 on Reader Service Card

Water test kit buyer's guide is a complete catalogue including 94 pages in color. Contained are specifications, application information, and reorder chemical lists and prices. The catalogue is available at no cost.

Hach Chemical Co.
Circle No. 135 on Reader Service Card

Tilting dispenser adjusts and repeats a selection of any liquid volume from 5 to 25 ml. The unit is autoclavable and has a plunger handle that can be removed, after setting, to prevent acci-

dental misadjustments. The material being dispensed comes into contact only with Teflon and borosilicate glass. The reservoir can hold up to 500 ml.

Kontes Glass Co.
Circle No. 100 on Reader Service Card

A disposable sampling device is described as the easiest, fastest and safest method for transferring serum, whole blood, urine, reagents and other laboratory liquids. The tubes are priced low enough so they can be discarded after one use, eliminating the danger of cross contamination in laboratory sampling. They also eliminate pouring, pipeting and mouth aspirating. They are used like a syringe, and a convenient finger hole on the shaft makes for easy one hand operation. They hold up to 4 ml and can expel the whole sample or a fraction of a drop as needed.

Spectrum Medical Industries Inc.
Circle No. 99 on Reader Service Card

Consecutive number labels are self-sticking and adhere to any surface in temperatures ranging from -70° to $+250^{\circ}\text{F}$. Numbers can be repeated from 1 to 10 times on a choice of seven different color stocks. The labels are available in handy pre-cut tablet or clinically safe bacteriostatic form. They have many applications. Convenient for test tubes, requisition forms, containers and control lots.

Professional Tape Co.
Circle No. 101 on Reader Service Card

books OF THE WEEK

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PLASTISOLS AND ORGANOSOLS—Harold A. Sarvetnick, Ed.—Van Nostrand Reinhold, 1972, 238 p., illus., tables, \$12. Reference volume devoted to the unique liquid form of "vinyl" compound in the unprocessed state, deals with plasticizer types and selection, fusion, chemical foaming, compounding, molding and coating processes.

THE PSYCHOLOGY OF PRESCHOOL CHILDREN—A. V. Zaporozhets and D. B. Elkonin, Eds., transl. from Russian by John Shybut and Seymore Simon—MIT Press, 1971, 376 p., \$12.50. Soviet standard reference to research in early childhood development, dealing with the perceptual processes from birth to seven years of age.

RESEARCH IN IMMUNOCHEMISTRY AND IMMUNOBIOLOGY, Vol. I—J. B. G. Kwapinski, Ed.—Univ. Park Press, 1972, 295 p., photographs, diagrams, \$17.50. Comprehensive articles cover the origin, development and significance of immunoglobins, serological methods in autoimmune disease in man, immunoserology of plague, and other topics.

THE ROOTS OF CIVILIZATION: The Cognitive Beginnings of Man's First Art, Symbol

and Notation—Alexander Marshack—McGraw-Hall, 1972, 413 p., photographs, drawings, map, \$17.50. Generously illustrated volume sheds new light on the prehistoric development of man; by examining artifacts and cave drawings of the Ice Age, the author demonstrates the earliest complex thought processes in man's use of symbol notation and of language.

SCIENCE AND PHILOSOPHY IN THE SOVIET UNION—Loren R. Graham—Knopf, 1972, 600 p., \$15. From quantum mechanics to physiology and psychology, this scholarly study gives a discipline-by-discipline account of the interaction of science and Marxist philosophy in the U.S.S.R., of the controversies in which Soviet scientists have been involved, and the relationship between Soviet science and world science.

THE STRUCTURE AND PHYSICAL PROPERTIES OF THE EARTH'S CRUST—John G. Heacock, Ed.—Am. Geophysical Union, 1971, 348 p., diagrams, maps, \$19. Monograph reviews multidisciplinary research on various important aspects of the upper portion of the lithosphere, seeks answers to fundamental environmental questions about the nature of the earth's crust, particularly at depths below a few kilometers.

SUICIDE—Jacques Choron—Scribner, 182 p., \$7.95. Presents a survey of the views on suicide held by leading philosophers from antiquity to modern times, and deals with the motives and causes of suicide as well as its prevention.

THIS IS ANTARCTICA—Joseph M. Dukert—Coward, McCann, 1972, rev. ed., 192 p., photographs, \$5.09. Up-to-date summarization

of what research parties have discovered about the geology, ice, plant and animal life, weather and climate of Antarctica, with description of how scientists work and what visitors find there today.

A THOUSAND YEARS OF LONDON BRIDGE—C. W. Shepherd—Baker (Hastings House), 1972, 140 p., 38 plates, drawings, \$7.95. A history of London bridges, from the first wooden one built about A.D. 944, and the famous medieval London Bridge which stood for 650 years and ended up in Arizona, to the new London Bridge completed in 1831.

UGANDA QUEST: African Wildlife After Dark—Ernest Neal—Taplinger, 1972, 127 p., 44 color plates, map, \$7.95. Focuses on the smaller carnivores—genets, civets, servals, the banded mongoose and other nocturnal animals observed in Uganda's Queen Elizabeth National Park after dark.

WATER BALANCE OF MONSOON ASIA: A Climatological Approach—Masatoshi M. Yoshino, Ed.—Univ of Hawaii Press, 1972, 308 p., diagrams, maps, tables, \$16. Monsoons bring heavy, torrential rainfall with great interannual variation and striking differences from place to place. This monograph contains studies that clarify these phenomena and contribute to an understanding of the regional water balance.

THE WORLD WILDLIFE GUIDE—Malcolm Ross-Macdonald, Ed., foreword by H.R.H. Princess Beatrix of the Netherlands—Viking Press, 1972, 416 p., photographs, maps, \$8.95. First comprehensive handbook to the wildlife reserves, national parks and sanctuaries of the world, gives full information on 649 sites, including every continent of the earth. Designed principally for the traveler.

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