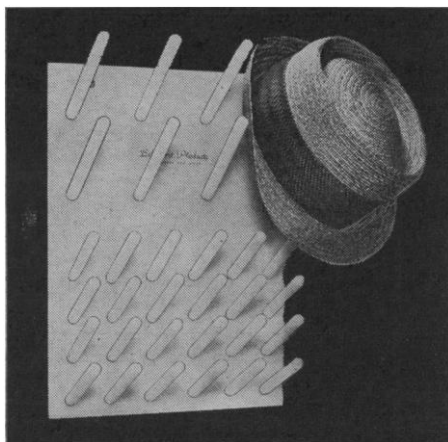
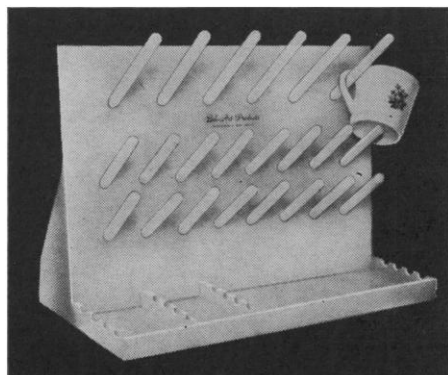


bel-art
POLYETHYLENE
RACKS
are good for
almost anything!



ON THE WALL

You could even hang your hat on this handy wall rack. Actually it is best suited for test tube draining and will accommodate 32 test tubes at a time.



ON YOUR DESK

Our Benchrack is ideal for hanging shaving mugs or anything else for that matter. Naturally, it is best for drying labware. Front tray arranged to hold pipettes, rear compartment perfect for storage.

♦♦♦

Dress up your laboratory with these polyethylene racks that will not mar or corrode. What's more, they can be made in any size to fit your individual requirements.

See your nearest laboratory supply dealer.

Send for complete information and
FREE copy of our catalog supplement.
Write Dept. E-12

BEL ART PRODUCTS
PEQUANNOCK, N. J. 07440

The MOST COMPLETE line
of Plastic Laboratory Ware
available from ONE source

ernor such as Tim Babcock of Montana regard the Compact in the same way that Hughes of New Jersey or some other liberal Democratic governor does. The Compact, despite the skeptics, may be a promising development for education, but it probably will be shaped more by experience and the people guiding it than by the prospectus that Sanford and his fellow enthusiasts have provided.—LUTHER J. CARTER

Announcements

The Atomic Energy Commission is considering amending its regulations on filing appeals from decisions of hearing examiners or atomic-safety and licensing boards that conduct hearings for the commission. Present rules require anyone who wants to file an appeal to obtain AEC permission; appeals and briefs can be filed only on questions allowed by the commission. The proposed amendment, however, would permit an appeal to be made simply by filing a brief and a statement of exceptions to the initial decision. The simplified procedure is intended to expedite action on appeals without increasing their number.

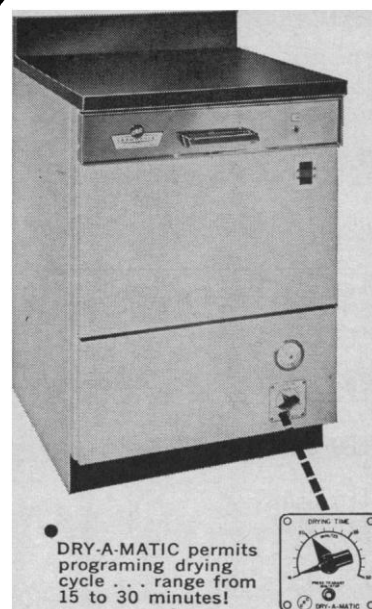
The proposed amendment to AEC regulations, 10 CFR, Part 2, "Rules of Practice," appeared in the *Federal Register* for 5 November; 60 days will be allowed for public comment. Suggestions or comments should be sent to the Secretary, AEC, Washington, D.C. 20545.

Grant, Fellowships, and Awards

Two of the nation's large grantors of fellowships, the National Science Foundation and the Department of Health, Education, and Welfare, have established **Fellowship Review Panels** to provide a "fair and impartial hearing in the event that substantial questions arise about the moral character or loyalty" of holders or applicants for federal fellowships. Awards may be denied on such grounds if they are determined not to be in the best interests of the country.

Safeguards specified in the new regulations allow individuals to have a hearing before a fellowship is denied or terminated on these grounds, to be represented by counsel at the hearing, to appear in person, to present witnesses, to cross-examine persons, and to decide whether the hearing should be

**HERE'S WHY
IT PAYS TO
CLEAN LABWARE
AUTOMATICALLY:**



DRY-A-MATIC permits
programming drying
cycle . . . range from
15 to 30 minutes!



LABWASHER®

*Flexible programing
brings you . . .*

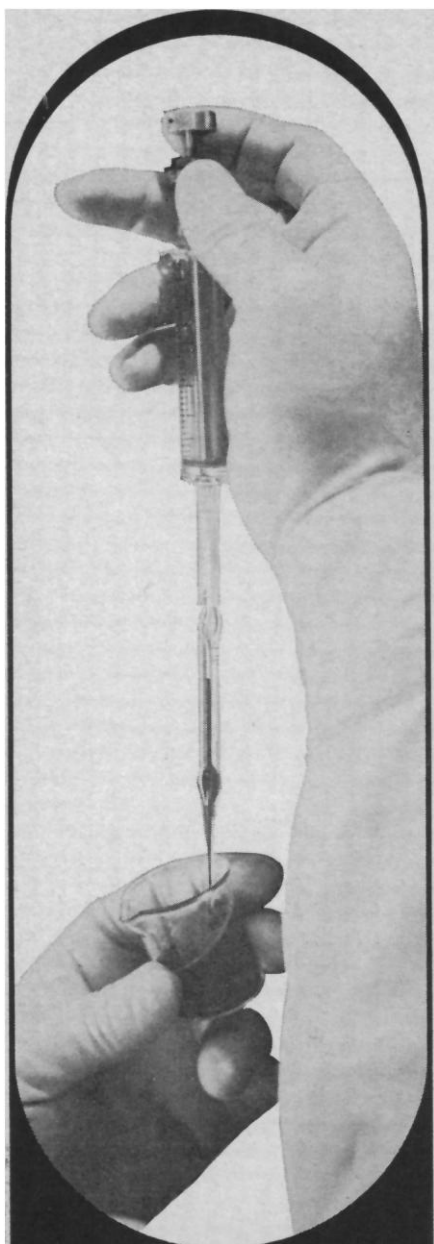
- Full automation . . . set it and forget it.
- Choice of distilled or tap water on each of three rinses.
- Pays for itself in man-hours saved.
- Saves up to 50% on labware breakage.
- Under-counter, free-standing and mobile models.
- Low operating costs.
- Authorized service men in your area.

Check your glassware washing problems against in-the-field "Usage Reports".

A-5163

Request Bulletin No. 199

THE CHEMICAL RUBBER CO.
2310 Superior Ave.
Cleveland, Ohio 44114



precise control of meniscus with thumbwheel control

You can combine speed and accuracy when pipetting with a Hamilton Pipet Control. The liquid is raised in the pipet by dual control: first, by the free sliding plunger to the pipet calibration line, then the meniscus is brought precisely to the scribe line by thumbwheel control. Fast, yet accurate! Made of fine glass and stainless steel.

#0010—1 ml capacity; #0020—2 ml; #0030—5 ml. \$18.50 each. Order direct, or contact your supply house.

HAMILTON

Hamilton Company
P. O. Box 307-K, Whittier, Calif.

open or closed to the public. The procedures are to apply to fellowship holders under the National Science Foundation Act, and the National Defense Education Act.

Panel members will serve both agencies, and will be designated by the chairman to review individual cases.

Michael H. Cardozo, executive director of the Association of American Law Schools, is chairman. The other members include:

R. Jean Brownlee, dean, college of liberal arts for women, University of Pennsylvania

Mortimer M. Caplin, of Caplin, Battle, and Harris, Washington, D.C.

Manfred S. Guttmacher, associate professor of clinical psychiatry, University of Maryland, Baltimore

Eugene N. Hanson, dean, law school, Ohio Northern University

Fred H. Harrington, president, University of Wisconsin

Lyle H. Lanier, provost, University of Illinois

Thomas Lauritsen, professor of physics, California Institute of Technology

George N. Shuster, former president, Hunter College, New York

Eli M. Spark, professor of law, Catholic University, Washington, D.C.

Alan T. Waterman, former director, National Science Foundation.

Scientists in the News

Ward Darley, visiting professor of medicine at the University of Colorado, recently received the J. M. Russell award from the Markle Foundation for "outstanding contribution to academic medicine."

Arthur E. Maxwell, head of the geophysics branch, Office of Naval Research, has been appointed an associate director of the Woods Hole Oceanographic Institution.

Truman Botts, associate professor of mathematics at the University of Virginia, has taken a year's leave of absence to serve as executive director of the National Academy of Sciences committee on support of research in the mathematical sciences (COSRMS), at Columbia University.

William C. Davidon, associate professor of physics at Haverford College, has been elected president of the Society for Social Responsibility in Science.



Inorganic Chemistry

By C. S. G. PHILLIPS and R. J. P. WILLIAMS, *Oxford University*

Comprehensive and up-to-date, the two volumes of this new work may be used as textbooks in advanced courses or as references for research. The account reflects the authors' belief that the study of inorganic chemistry should be a stimulating intellectual and experimental inquiry, rather than a feat of memory. The volumes may be used in sequence or independently; each book is separately indexed. Volume I contains Part 1, general principles, and Part 2, the chemistry of the non-metals. Volume II presents Part 3, the chemistry of the metals. Exercises and problems included.

Volume I 1965 704 pp. illus. \$8.00
Volume II Spring 1966 about 650 pp. illus. prob. \$8.00

Invertebrate Zoology

By PAUL A. MEGLITSCH, *Drake University*

Offering thorough, balanced coverage of invertebrate zoology, this work discusses structure, classification, phylogeny, and habits of various invertebrate groups. Considerable attention is given to comparative physiology. Designed for the full-year course, the book may also be adapted to the one-semester course. Handsomely illustrated. Glossary, references.

Spring 1966 650 pp. 400 illus. prob. \$10.00

The Second Law:

An Introduction to Classical and Statistical Thermodynamics By HENRY A. BENT, *University of Minnesota*

An informal yet rigorous presentation and a fresh pedagogical approach distinguish this new introductory textbook. The author takes a fundamental view of the thermodynamics that requires no prior knowledge of calculus, except in a small portion of the text, and quickly gives the beginner an understanding of the Second Law. "Highly imaginative, first-class treatment and exceptional problems."—J. A. Campbell, *Harvey Mudd College*. 1965 450 pp. 70 line drawings \$6.00

Human Biology:

An Introduction to Human Evolution, Variation and Growth

By G. A. HARRISON, *Oxford University*; J. S. WEINER, *London School of Hygiene and Tropical Medicine*; J. M. TANNER and N. A. BARNICOT, both of the *University of London*

This textbook synthesizes, at an introductory level, present knowledge of the biological organization of past and present human populations. Subjects discussed include general evolutionary theory, the history of primates, the fossil evidence for human evolution and the ecology of human populations.

1964 556 pp. 83 figures \$8.00

Oxford University Press

417 Fifth Avenue
New York, N.Y. 10016

The new scientific director of the National Institute of Child Health and Human Development, NIH, is **Roy Hertz**, chief of the endocrinology branch of the National Cancer Institute.

Major Contracts and Grants

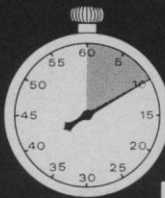
The University of North Carolina will begin a multidisciplinary study of possible **toxic effects of drugs** on man, under an NIH grant. The university has been awarded \$17 million by the National Institute of General Medical Sciences for a 7-year research and training program. The grant, largest ever made by NIGMS, will help the school to establish a new pharmacology-toxicology center at Chapel Hill. Projects will include studies of physical and chemical disposition of drugs, differences in individual responses to drugs, biochemical effects, physiological and clinical pharmacology, and biostatistical studies. Thomas C. Butler, professor of pharmacology at the North Carolina medical school, is director of the center.

The John A. Hartford Foundation has given Duke University a grant of \$252,269 for research on **heart disease**. It will provide funds for improvement of existing techniques and equipment for taking x-ray films of activities of the heart; for an intensive care ward for heart attack victims; and for laboratory projects. The principal investigators are Henry D. McIntosh, head of Duke's cardiovascular research laboratory; David C. Sabiston, chairman of the surgery department; Richard J. Lester, chairman of the radiology department; and Andrew G. Wallace, associate in medicine.

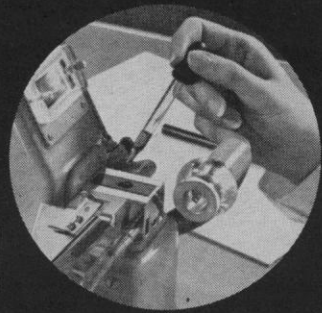
A computer-based **registry of chemical compounds** tested for possible anti-cancer use will be developed by the Chemical Abstracts Service of the American Chemical Society, under a 19-month, \$489,400 contract with the National Cancer Institute. CAS will computerize information on chemicals already tested by the Cancer Chemotherapy National Service Center, and will include new compounds as received. Chemicals will be listed by structural formulas, molecular formulas, various chemical names, bibliographic references where available, and registry index numbers. R. David Nelson is the principal investigator.

REFRACTOMETRY


WITH TOP ACCURACY READINGS IN SECONDS



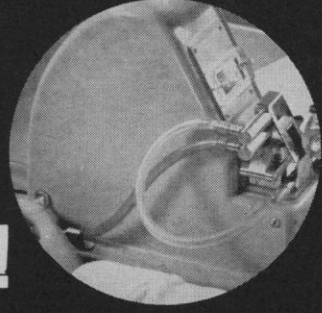
10 SECONDS



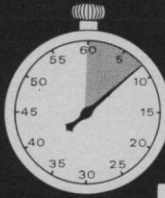
LOAD!




2 SECONDS



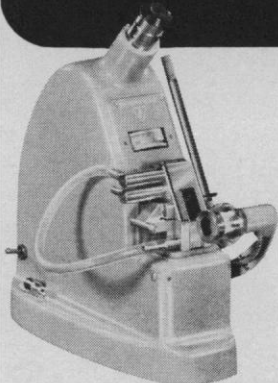
LIGHT!



8 SECONDS



LOOK!



A TOTAL OF 20 SECONDS
...at a fraction of a cent per test

Test any product within an extended range of ND 1.30 to ND 1.71 easily, speedily, accurately with the Abbe 3-L Refractometer. *Loading is quick*... horizontal prisms are right-up-front and unobstructed... permit easy wipe-off to prevent contamination. *Lighting is quick*... a conveniently placed push button illuminates the scales. *Looking is quick*... and sure. Read refractive index instantly to .0005 (with reliable estimates to .0001). Dissolved solids can be read to .2% (estimates to .1%). Solids scale reads 0% to 85%. Either transmitted or reflected illumination can be used. You can make a complete test in just 20 seconds! Instrument costs are less than 29¢ a day!

Bausch & Lomb offers you the most complete line of refractometers available... the Abbe 3-L, the High Range Abbe 3-L, the Precision, the Butyro, the Industrial, Hand, Juice and Dipping models. To get complete data on range and application, write for Catalog D-202. Bausch & Lomb, 75924 Bausch Street, Rochester, New York 14602.

BAUSCH & LOMB 