

## The hope of doing each other some good prompts these advertisements

### Send for man to squeeze mystique out of film

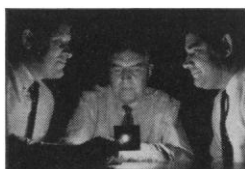
If you need the fastest film Kodak offers, order KODAK 2485 High Speed Recording Film (ESTAR-AH Base). Remember: **2485**

If you need a film that can run through an instrument wherein light from a glow tube or c-r tube will draw on it and then you want the results ready to look at as soon as possible, order KODAK 2491 RAR Film (ESTAR-AH Base). Remember: **2491**

And if you don't remember, the Kodak Instrumentation Products Technical Sales Representative will. Instrumentation film is not purchased the way soap or breakfast cereal is pulled off the shelf in the supermarket. More individual guidance is provided.

Instrumentation talk isn't quite the same as photography talk. There is less mystique in the selection of the medium. Sensitivity is considered to be a characteristic of the film, not the customer, and he doesn't mind our saying so, though it isn't true.

Call for a Kodak Instrumentation TSR before actually ordering. You will know before the discussion starts that:



2485 is the same film you may have seen dramatized a few months ago with a picture taken by the light of a match of three men trying to stir up interest in the film on which they were photographed. They succeeded to a degree that necessitates dropping the tentative designation "SO-166." Supplied in 16mm, 35mm, 70mm, and various other widths of roll, as required for serious instrumentation.

Big feature is the *adjustability* in processing to the conditions of exposure and nature of subject. ASA Speed as defined in American Standard PH2.5-1960 is only 1000, as based on elaborate studies of public preference in contrast rendition for pleasurable pictures. This film can be processed and used that way. It is then difficult to distinguish from previous films of similar speed. With more intense development, *those* would only get murky; this one rises to new levels of light sensitivity. We can supply the required chemicals and advice.

This is the film for motion-picture studies of bioluminescent organisms, we would think; we know no other that would permit the frame rate this one would. In work that uses unaided moonlight as the illuminant, don't just assume that you need to process for maximum speed, or you may overexpose.

Big problem, in fact, is keeping unwanted light from reaching this film. Equipment and darkroom facilities must be tip-top. To prevent light from reaching emulsion by internal reflection from edge of film, optical density has been introduced into the film base. Its strength permits thickness of only 0.1mm. Trademarked ESTAR-AH Base.

2491 has the same ESTAR-AH Base. It is probably even more desirable here. The relatively few (like geophysicists) who need 2491 need a lot of it. They need the dimensional stability for their measurements, and they need the comparative toleration of worklight and insensitivity to wavelengths longer than blue. Designed for almost instantaneous access to results through the KODAK SUPERMATIC Processor, or by surface application of processing fluids in devices which others may build for more specialized purposes.

Call for the man through Instrumentation Products, Eastman Kodak Company, Rochester, N. Y. 14650 (phone 716-325-2000, ext. 3170).

### High vacuum in the family background

Here is information about high-vacuum pump fluids and greases, none the less useful today for having been written by one whose wife was employed during World War II at packaging some of these very same products. They account for the name of the division of Eastman Kodak Company which, despite the diversity of its latter-day activities, reasserts its continuing role as supplier of those specialized substances with which its people a generation ago gave the world a technology for pressures below 0.1 torr:

*Distillation Products Industries, Rochester, N. Y. 14603.*

Prompt attention will be given to orders and inquiries for

**MYVOIL Vacuum Pump Fluid**—a specially purified di(2-ethylhexyl) phthalate that can give an ultimate vacuum of  $6.5 \times 10^{-6}$  torr in a single-stage non-fractionating pump,  $2 \times 10^{-7}$  torr in a 3-stage fractionating pump, and lower with cold traps. Boiling point at 0.01 torr is 126°C. In the years since the current president and technical vice president of the division as fledgling Ph.D.s in the Kodak Research Laboratories helped at the birth of the frac-

tionating diffusion pump, these devices have grown to huge size. We are therefore prepared to talk business sense by the 55-gallon drum as well as the 500-gram bottle. Same goes for all the following pump fluids.

**MYVOIL S Vacuum Pump Fluid**—a grade of di(2-ethylhexyl) sebacate for ultimate vacuum of  $5 \times 10^{-6}$  torr in a single-stage non-fractionating pump, 100 times better in a 3-stage fractionating pump, and better than that with cold traps. Less viscous and lower in specific gravity than preceding.

**MYVOIL BP Vacuum Pump Fluid**—a purified dibutyl phthalate that can stand continuous exposure to pressures up to 10 torr at normal boiler temperature. Useful in diffusion-ejector type pumps but can also reach  $4 \times 10^{-5}$  torr in a 3-stage fractionating pump.

**MYVANE 10 Vacuum Pump Fluid**—a hydrocarbon for ejector-type condensation (booster) pumps, useful for getting down to 0.01 torr against a forepressure of 1-10 torr.

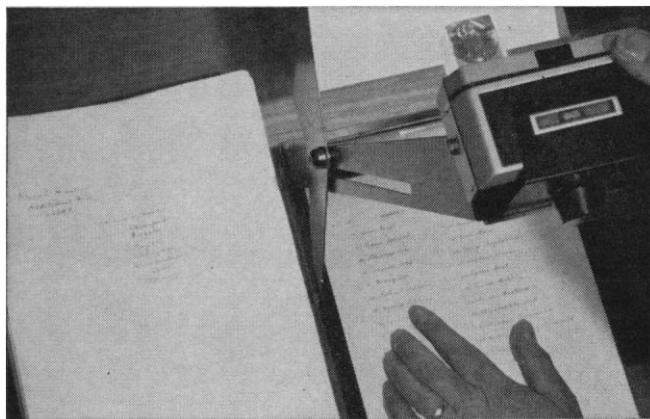
**MYVANE 20 Vacuum Pump Fluid**—a hydrocarbon good for  $10^{-3}$  torr against 2 torr forepressure in booster pumps, or  $10^{-6}$  torr in large fractionating diffusion pumps.

**MYVACLOR 48 Vacuum Pump Fluid**—a chlorinated hydrocarbon more resistant to thermal damage than any of the preceding, good to  $3 \times 10^{-3}$  torr.

**MYVACLOR 54 Vacuum Pump Fluid**—a similarly rugged chlorinated hydrocarbon that can give  $10^{-3}$  torr in single-stage diffusion pump but is more viscous and requires lower forepressure.

**MYVACENE Vacuum Greases**—low-vapor pressure sealants and lubricants available with melting points of 90°C, 120°C, or 130°C. Packaged  $\frac{1}{4}$  lb., 1 lb., 5 lb., or 25 lb.

### The Visualmaker



A KODAK EKTAGRAPHIC Visualmaker is in use here. In years to come, any allusion to the Hessians will bring to the minds of the user's students back home an image of the slide he is making. Beneath the 8 x 8-inch copy stand is a document "relating to the Hanau and Anspach Troops 1776-1778." The slide of the roster of Major Martens' company will show how the name of Henry Lehberg (umlaut over the y? Lekberg?) was written at the time by someone dealing with the affair in North America.

For smaller subjects, a 3 x 3 copy stand that similarly eliminates all problems of lighting, focusing, and parallax is part of the Visualmaker as we furnish it in its attaché case. If the user teaches geology instead of history, the 3 x 3 frame might have been held against a rock. Then, switching in a moment to the 8 x 8 frame, he might have shown the interesting mineral in its lithological context. Then with the KODAK INSTAMATIC® 304 Camera alone, he might have stepped back a few feet from the rock face for the larger pattern, then 100 feet away, then from a neighboring rise of ground, and finally from a bend half a mile up the road. At the first letterbox he would have dropped the film cartridge in the AVP-1 KODAK Prepaid Processing Mailer sold by the Kodak audiovisual dealer. Even if his classroom were at the opposite corner of the U.S.A., we'd have those color slides there mounted for his projector within three days after we got the cartridge.

Eastman Kodak Company, Education Division, Rochester, N. Y. 14650, can direct you to the dealer. For what detail is worth in 18th century penmanship or grain alignment in minerals, the quality of the camera lens you are buying in the outfit will be appreciated.

**Kodak**

# Research Scientist Biochemistry

An excellent opportunity currently exists in our biochemistry department for a Ph.D. with interest in natural products of therapeutic importance.

Training and experience should have been in research in the isolation, purification and characterization of protein and other natural products. Experience in related areas is highly desirable.

To learn about this position, send a brief description of your professional background to Dr. S. S. Yanari



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Write for data sheets.

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CHEMICALS

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For use in the method of Reinhard and Scudi (*Proc. Exptl. Biol. & Med.* 100-381, 1959) for detecting depressant activity.

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## AAAS Symposium Volume

### MAN, CULTURE, AND ANIMALS: THE ROLE OF ANIMALS IN HUMAN ECOLOGICAL ADJUSTMENTS

Editors: Anthony Leeds and Andrew P. Vayda  
304 pp., illus., bibliog., indexes, August 1965. Price: \$8.00. AAAS members' cash orders: \$7.00.

The volume is based on a symposium held at the AAAS meeting in Denver, December 1961. It presents case studies of the relationships among human populations, the animals they use for food or food-getting, the plants significant for maintaining both animals and men, and the socio-cultural usages by which plants, animals, and men are linked in ecosystems.

Anthropologists and geographers discuss animal characteristics, populations dynamics, diets, and other ecosystem variables, including culture. The case material is used for a unique effort to rethink the logic of functional analysis in anthropology in terms of general systems approaches.

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# Personnel Placement

**CLASSIFIED: Positions Wanted.** 25¢ per word, minimum charge \$4. Use of Box Number counts as 10 additional words. Payment in advance is required. Send copy for position wanted ads to:

**SCIENCE**  
1515 Massachusetts Ave., NW  
Washington, D.C. 20005

**COPY** for ads must reach SCIENCE 2 weeks before issue date (Friday of every week).

**DISPLAY: Positions Open.** Rates listed below—no charge for Box Number. Rates net. No agency commission allowed for ads under 4 inches. No cash discount. Minimum ad: 1 inch. Ads over 1 inch will be billed to the nearest quarter inch. Frequency rate will apply only to repeat of same ad. No copy changes. Payment in advance is required except where satisfactory credit has been established. Send copy for display advertising to:

**SCIENCE**  
Room 1740  
11 West 42 St.  
New York 36

Single insertion \$75.00 per inch  
4 times in 1 year 70.00 per inch

For PROOFS on display ads, copy must reach SCIENCE 4 weeks before date of issue (Friday of every week).

Replies to blind ads should be addressed as follows:

Box (give number)  
**SCIENCE**  
1515 Massachusetts Ave., NW  
Washington, D.C. 20005

## POSITIONS WANTED

**Biochemist, Ph.D., 1966.** Female; New Jersey area. Research in metabolic disorders. Box 535, SCIENCE. 9/15

**Biochemical Pharmacologist, Ph.D.,** with 10 years' experience in enzymology and pharmacology related to cancer in hospital and research environments. Numerous publications. Desires academic appointment with opportunity for research and to teach biochemistry or pharmacology on undergraduate or graduate level. Box 553, SCIENCE. X

**Biochemist, Ph.D., 1955,** academic and industrial experience, seeks position in research and/or teaching. Midwest preferred but not essential. Box 548, SCIENCE. 9/22

**Biologist, M.S.,** industrial and governmental experience. Publications. Desires college/junior college teaching position—general biology and/or microbiology. Box 550, SCIENCE. X

**Biologist, B.A. plus;** male, 32; 10 years' medical research—biology, biochemistry, radioisotopes. Publications. Experienced numerous laboratory equipment; prefer industrial position. Box 549, SCIENCE. X

**Botanist, M.A.** Seeks teaching/research position; ultrastructure/developmental background. Publications. Research/teaching experience. Prefers South/West. Box 524, SCIENCE. X

(a) **M.S. Biomedical Engineering:** B.S.E.E. electronics; designed medical instruments, automated clinical laboratories, communication-control systems; prefers R&D appointment. (b) **Microbiology:** Ph.D.; chemistry minor; virology specialty; infectious diseases, cancer, mental research, vaccine development; desires research position. **Woodward Personnel Bureau,** 185 North Wabash, Chicago 60601. X

**Drug-Toxicologist, D.V.Sc.,** long industrial and academic experience. Box 551, SCIENCE. X

## POSITIONS WANTED

**Electron Microscopist, Ph.D.** Biophysics, wishes to relocate small, productive partially funded research group to academic or research institution. Will consider teaching or management of central laboratory. Box 522, SCIENCE. X

**Research Publications Administrator,** Highest credentials in organizing and running editorial, writing, graphics, and production services, distribution, annual reports, research proposals, technical and popular presentation of research results. Box 554, SCIENCE. X

**Microbiologist, Ph.D.** Biochemistry, mycology minor. Teaching experience. Seeks research/teaching position. Interests radiation and molecular biology. Box 555, SCIENCE. X

## POSITIONS OPEN

**Academic Pathologist.** Immediate opening for qualified pathologist interested in devoting full time to teaching and research with no service responsibilities. Well-equipped research facilities including electron microscope available. Salary and rank dependent upon qualifications. Write: **Dr. Donald F. M. Burce, II, Acting Chairman, Department of Pathology, College of Osteopathic Medicine and Surgery, 722 Sixth Avenue, Des Moines, Iowa 50309.**

**Biochemist with M.S. or Ph.D. Degree,** with or without experience in Biological testing of new drugs. Should be ambitious and energetic. Apply **Bio/toxicological Research Associates, Box 101, Spencerville, Ohio 45887.**

**Biochemist, Ph.D.,** bright, recent graduate to work on macro-molecular control mechanisms of normal and tumor tissue in an active laboratory. Must be able to pursue problems without extensive supervision. Fully equipped modern laboratory and an experienced technician go with the position. For more details address inquiries to:

**Dr. John Laszlo, Dept. of Medicine, Duke Medical Center, Durham, North Carolina.**

## BIOCHEMISTS AND MOLECULAR BIOLOGISTS

Postdoctoral research on control of protein synthesis.

Write: **Dr. M. Fried, Department of Biochemistry, University of Florida, Gainesville, Florida.**

## ELECTRON MICROSCOPY

Research assistant; experience necessary. Technician; opportunity for training, if necessary. Lifetime positions, at a leading east coast medical school. Applied and experimental medical research.

Send resume, statement of career objectives, and appropriate salary requirements to

**Box 556, SCIENCE**

**EXPLORATORY ENTOMOLOGIST**—State of Hawaii civil service position involving extensive travel in the United States and foreign countries to locate natural enemies of agricultural pests adaptable to biological control. Requires graduation from college with degree in entomology and 6 years' experience in insect pest research, of which 2 years shall have been in a supervisory capacity. \$8,508-\$11,388. Write **Dept. of Personnel Services, 825 Mililani Street, Honolulu, Hawaii 96813.**

(a) **Microbiologist, M.S. & (b) Virologist, M.S.** to participate in clinical study of sterile environment in the treatment of leukemia. Large teaching & research center. Write to **Mr. H. Warrington, Personnel Dept., Maimonides Medical Center, 4802 Tenth Ave., Brooklyn, N.Y.**

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The Borden Chemical Company  
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## ONR

**Director, Earth Sciences Division  
Office of Naval Research**

The Office of Naval Research in Washington, D.C., has immediate need for a Director of the Earth Sciences Division:

The Director, Earth Sciences Division, is responsible for planning, formulating, and initiating programs for the undertaking of a fundamental scientific research in the fields of geophysics, geography, and astronomy, and carries on specialized and high-priority activities of a classified nature involving joint programs with the Atomic Energy Commission, Advanced Projects Agency, and other military departments. Division programs include atmospheric physics, meteorology, earth physics, climatology, photo interpretation, foreign studies, and physical and cultural geography. The Director reviews and determines the Navy's needs for fundamental scientific research in the assigned fields, and establishes coordinated integrated research effort. He coordinates the overall programs with similar or related programs carried on elsewhere under public or private auspices. He represents the Office of Naval Research and the Navy on top national committees.

Applicants must have a Ph.D. in the Earth Sciences and unusual experience enabling them to direct this outstanding contract research program.

Salary up to \$24,280 commensurate with education and experience, plus all the benefits of career Civil Service. Nondiscrimination in employment.

Please send your qualifications to the Director of Civilian Personnel, Office of Naval Research, Room 0429, Main Navy Building, 17th and Constitution Avenue, N.W., Washington, D.C. 20360.

## POSITIONS OPEN

### ENGINEERS—GEOLOGISTS WATER RESOURCES

#### Planning—Investigation

Experienced Civil Engineers, Sanitary Engineers, and Geologists needed for investigatory and planning work in surface water and ground water hydrology. Permanent positions for qualified applicants. Principal offices in Richmond, Virginia. Box 547, SCIENCE

**Health Science Administrator**—The Air Quality Criteria Administrator, National Center for Air Pollution Control, is interested in hiring a biological scientist or physician to participate in development of criteria of air quality for atmospheric pollutants. Experience in laboratory investigation, field studies or teaching is desired. Aptitude for medical writing is particularly desired. Part-time employment of retired persons may be possible. Position is career civil service and U.S. citizenship is required. There is no discrimination in employment. Please write: Air Quality Criteria, Room 2516, National Center for Air Pollution Control, Washington, D.C. 20201.

### PHARMACOLOGIST

Expanding Research Laboratory located near Montreal is seeking a Ph.D., for research in the general field of CNS Pharmacology. Opportunity for basic research.

Send Resume To

PERSONNEL MANAGER

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LABORATORIES OF  
CANADA LTD.

100 INDUSTRIAL BLVD.  
CANDIAC, P.Q., CANADA

**Position open:** Electron microscopist M.D. or Ph.D. interested in cardiovascular and/or central nervous systems to be in charge of well-equipped, active E.M. laboratory in midwestern medical school. Box 546, SCIENCE.

### TROPICAL FISH CULTURE RESEARCH INSTITUTE, MALACCA, MALAYSIA

#### Fish Physiologist

Applications are invited for the above post, which falls vacant on February 1st, 1968.

Candidates should have a good honours degree in zoology from a recognized University, and at least two years postgraduate research experience. Preference will be given to candidates with a higher degree and/or several years relevant research experience.

The selected candidate will be expected to carry out research on the physiological factors affecting the spawning of fish, particularly those species known to be difficult to spawn in captivity. Experience in this field would be a great advantage.

Appointment will be on the scales—Scientific Officer, Senior Scientific Officer, or Principal Scientific Officer, according to qualifications and experience.

The salary scales are:

Scientific Officer—

Malayan \$800x40-1000 p.m.

(£1120x56-1400 Sterling per annum).

Senior Scientific Officer—

\$1040x40-1160/1200x45-1425 p.m.

(£1456x56-1624/1680x63-1995 p.a.)

Principal Scientific Officer—

\$1350x50-1650 p.m.

(£1890x70-2310 p.a.)

There is a variable Cost of Living Allowance, and for officers not normally domiciled in Malaysia or Singapore an Overseas Allowance.

The Institute has its own Superannuation Scheme.

Housing, with heavy furniture, is provided at a rental of 10% basic salary, subject to a maximum of \$140 p.m.

Except on termination of contract 6 months long leave is granted at the end of each 3 years resident service.

Further information and application forms may be obtained from the Director of the Institute. Applications must be sent to reach the Director, Tropical Fish Culture Research Institute, Batu Berendam, Malacca, Malaysia, not later than October 31st, 1967.

## POSITIONS OPEN

### RESEARCH OPPORTUNITIES

**Ph.D. Food Chemists, Food Engineers, Food Technologists, and Food Microbiologists**, with leadership ability for research positions in Winter Haven, Florida; Weslaco, Texas; or Raleigh, North Carolina. Entrance salary: \$11,306 to \$15,106 based on qualifications. Full U.S. Civil Service coverage. No written test. U.S. citizenship required. An Equal Opportunity Employer.

Write: Dr. C. H. Fisher, Director, USDA, ARS, Southern Regional Research Laboratory, A-1, P.O. Box 19687, New Orleans, La. 70119

**Virologist, M.S. or Ph.D.**, to join research group on viral oncogenesis as a research associate. Some knowledge of electron microscopy desirable. Write to Dr. A. M. Watrach, College of Veterinary Medicine, University of Illinois, Urbana, Illinois 61801.

## FELLOWSHIPS

### Commonwealth of Australia Queen Elizabeth II Fellowships in the Physical & Biological Sciences

To commemorate the Royal Visit to Australia in 1963 the Australian Government established the Queen Elizabeth II Fellowships Scheme. Under this scheme up to ten fellowships may be awarded each year for full-time research by young scientists of exceptional promise and proved capacity for original work. These are post-doctoral awards tenable in an Australian university or approved research institution normally for two years. Tenure of a fellowship will commence on a date which normally should be within nine months of the date of the award.

#### Qualifications

Queen Elizabeth II Fellows must be either Australian or United Kingdom citizens. They should have a Ph.D., or equivalent qualifications, in one of the physical or biological sciences (which are deemed to include mathematics and the scientific aspects of statistics, engineering, metallurgy, agriculture and medicine).

Awards will, in general, be restricted to applicants who are not more than 30 years of age on the date when applications close.

#### Stipend

\$6,000 (Australian) per annum—increased to \$6,500 per annum at age 28 years.

#### Allowances

Allowances are payable in respect of a Fellow's wife (\$500 p.a.), each dependent child (\$200), superannuation payments (up to 10 per cent of stipend), appropriate insurance coverage and necessary travel expenses. Host institutions are paid an allowance towards the cost of setting up a fellow and his research work.

#### Applications

Persons interested in applying for the above fellowships should obtain application forms and a statement of the conditions of award from the Secretary, Queen Elizabeth II Fellowships Committee, Department of Education and Science, P.O. Box 826, Canberra City, A.C.T. 2601, Australia; The Official Secretary, Australia House, Strand, London, W.C.2, England; or the Consul General, Australian Consulate General, 636 5th Avenue, New York, N.Y. 10020, U.S.A. Applications for the next round of awards, which will be announced in December 1967, close at the Canberra address on 13 October 1967.

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## PROFESSIONAL SERVICES

### TRACE ELEMENT PROBLEMS?

Contact: Activation Analysis Service, Dept. A-129, General Atomic Division, General Dynamics, P.O. Box 608, San Diego, California 92112. Or phone: Area Code 714, 453-1000, Ext. 613.

## HISTOPATHOLOGIC DIAGNOSIS

Center directed by pathologist with experience in mouse, rat, hamster, guinea-pig, rabbit, dog and monkey histopathology (especially toxicologic tests, tumors, radiopathology), accepts microscopic slides for diagnosis. **PATHOLOGY CENTER**, 1 Second Street, Warwick, N.Y. 10990. Phone: 914-986-2108.

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# This is the revolutionary micropipet with an unbelievably accurate tip and a completely automatic top.

Take the new Eppendorf automatic micropipet in hand and be prepared to have your pipetting habits changed...radically.

For example, you won't have to wash or wipe pipets anymore, or worry about contamination or liquids in your mouth. The Eppendorf holds liquid in disposable plastic tips that are instantly interchangeable and completely separate from the pipet mechanism.

You'll also have to unlearn living with significant pipet error. Unlike glass or ordinary plastic pipet tips which always retain a significant liquid film on their inner surface, the Eppendorf polypropylene tips assure virtually complete sample recovery—over 99% with aqueous solutions, 97% with serum. And look at this precision: at 5  $\mu$ l, standard deviation is under 0.04  $\mu$ l, or less than 1%.

But the easiest thing to get used to with the new Eppendorf is the ease and speed of pipetting. Just press the button on top to fill. To empty, press again. That's all. Blowout of the entire sample is automatic and complete.

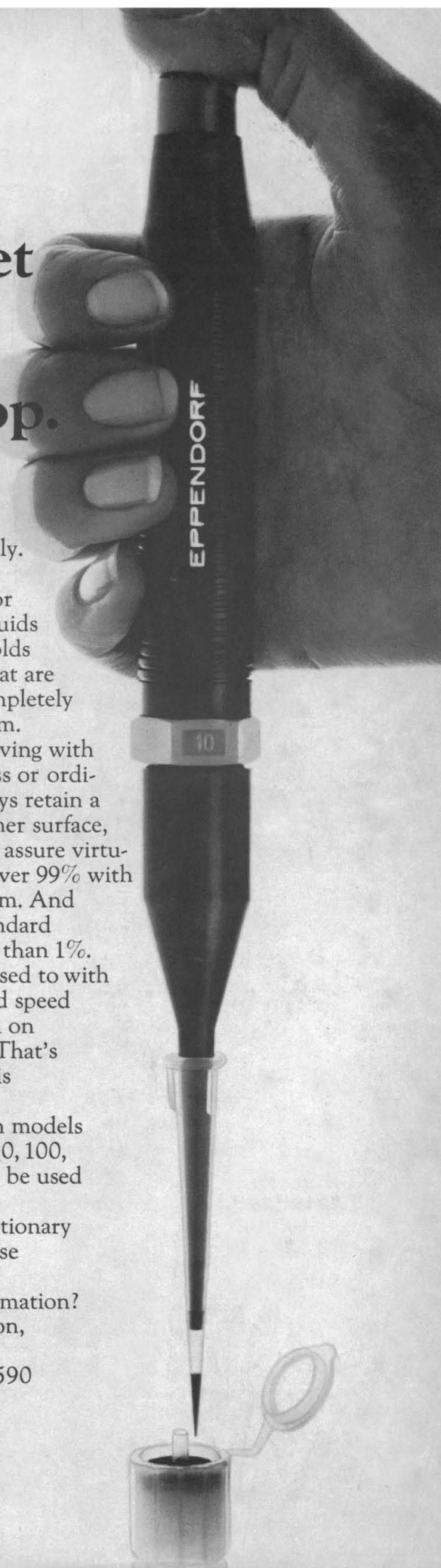
The Eppendorf is available in models dispensing volumes of 5, 10, 20, 50, 100, 200, 500 and 1,000  $\mu$ l. It can even be used with acids and organic solvents.

Once you've tried the revolutionary Eppendorf, you'll never want to use conventional micropipets again.

May we send you more information?

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Brinkmann Instruments, Inc.,  
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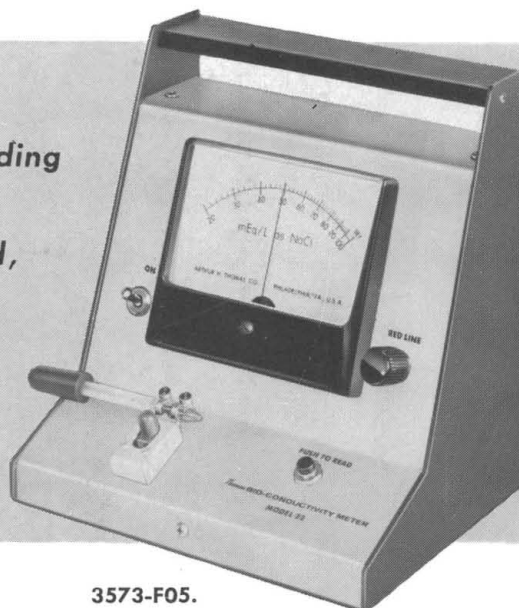
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*Thomas*

## BIO-CONDUCTIVITY METER for Cystic Fibrosis Screening

- **Rapid and simplified—  
presumptive diagnostic reading  
obtained in minutes**
- **Compact, battery-operated,  
for bedside measurements**
- **Requires only a fraction  
of a drop of sweat**
- **Readings automatically  
corrected to 25°C**



3573-F05.

**BIO-CONDUCTIVITY METER, Thomas Model 32.** For rapid estimation of chloride level in sweat\* for presumptive diagnosis of cystic fibrosis. Range, 20-100 milliequivalents per liter NaCl. Test requires only 30 microliter sample, a fraction of a drop. Meter is battery-operated, lightweight and compact for bedside measurements. Readings are corrected automatically to 25°C.

**Operation.** Sample of eccrine sweat is drawn into measuring cell. Cell is placed in spring-loaded contact clip on instrument panel, meter is switched on, and button is pressed to obtain reading. Readings above 50 meq/liter are interpreted as presumptively positive, in the absence of other physiological factors which can similarly elevate the chloride level, e.g., adrenal insufficiency.

\*Meter can be used for measurements on other body fluids within range. Parotid saliva, in concentrations within meter range, has been suggested as an alternate medium for cystic fibrosis measurements.

**Meter.** Scaled 20-100 meq/l in 2 meq/l divisions. Accuracy,  $\pm 4$  meq/l. Scale length,  $3\frac{3}{4}$  inches.

**Bridge Circuit.** Oscillator-driven, transistorized, powered by single mercury cell. "Red-line" calibration point on meter scale can be quickly set with reference to built-in precision resistor.

**Temperature Compensator.** Thermistor arm in bridge compensates for ambient variations between 10-40°C. Meter reading is automatically corrected to 25°C.

**Measuring Cell.** Glass capillary with band-type electrodes. Capacity, 30  $\mu$ l; length, 40 mm. Autoclavable. Tip is tapered to draw sample from 15 ml centrifuge tube. Polyethylene tube and rubber bulb are provided for filling and handling.

**Housing.** Enameled steel, with carrying handle. Rack on back panel has seven positions for sample cells. Overall,  $8\frac{1}{2} \times 6 \times 8\frac{1}{4}$  inches high.

**3573-F05. Bio-Conductivity Meter,** as described. With three sample cells. . . . . **395.00**

**3573-F20. Sample Cell,** with tube and bulb for filling. . . . . **10.00**



**ARTHUR H. THOMAS COMPANY**

*Scientific Apparatus and Reagents*

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