

Books, Booklets and Brochures

A new department for the production of films for TV has been announced by the Swiss firm Eima-films. Production of 39 telefilms is planned for 1961. The new department is described in an 8-page illustrated brochure (English edition) available from the Public Relations Dept., Eima-films, 19 Croix d'Or, Geneva, Switzerland.

Some Considerations for the Prospective Ethnographic Cinematographer, by John T. and Patricia J. Hitchcock, reprinted from the August 1960 issue of

American Anthropologist (pp. 656-674) is an extremely practical and detailed guide for the anthropologist or social scientist planning to bring back filmic records, perhaps from the steaming jungles of Yucatan or the cold white pastures of the Arctic or Antarctic. Anthony R. Michaelis, a producer of research films, is quoted as saying, "No anthropologist would consider the undertaking of field work among a distant tribe of natives unless he had prepared himself by years of studying the theoretical and practical methods and techniques of his science . . . and yet, few have considered cinematography as one of the research techniques of collection which, like any other research technique must be

learned, practised and perfected before it can yield the best possible results."

The article includes comparisons of cameras and films, and other equipments in terms of suitability for environmental conditions likely to be encountered, type of film record or documentary planned for, and price. Since many anthropologists have only a limited budget for research projects, getting the best results from camera and film while staying within budget limitations is an extremely important consideration. The authors consulted a number of top manufacturers of photographic equipment as well as producers in preparing the material for this article.

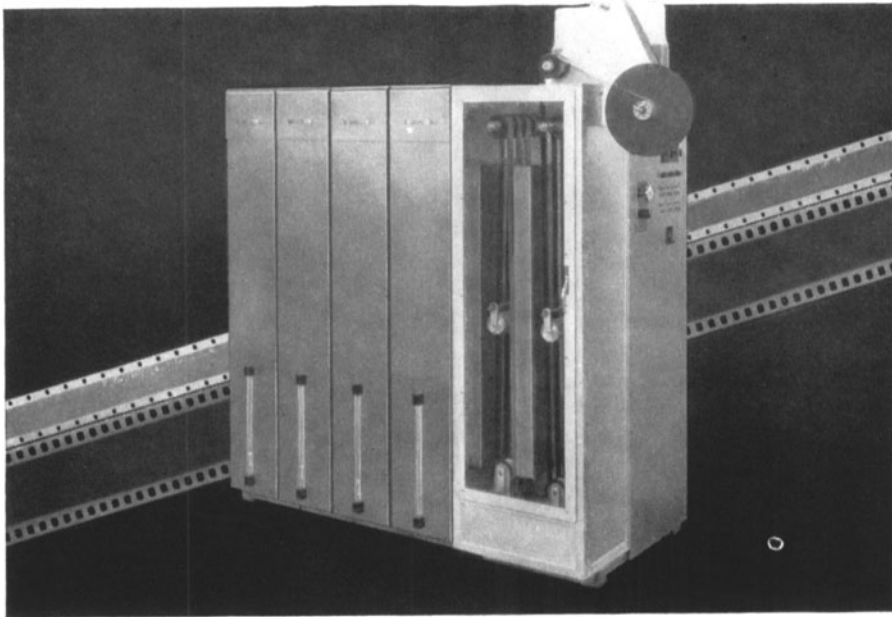
A Short Annotated Bibliography on Rapid Processing (22 pp.) contains references to selected papers published from 1935 through 1960 on the subject of rapid processing of silver halide film and papers. An Eastman Kodak publication, selections for the bibliography were made from an extensive list of references accumulated by members of the Kodak Research Laboratories. References included in the bibliography are limited to papers and other material dealing specifically with the subject. Nineteen of the 80 references are to papers published in the *SMPTE Journal*. Other references are distributed among some 20 scientific and technical journals, with one reference to a manuscript, one to a technical note, four to U.S. Patents and two to Belgian Patents.

The bibliography is available without charge from the Special Sensitized Products Sales Div., Eastman Kodak Co., 343 State St., Rochester 4, N.Y. if request is made upon appropriate company stationery.

The American Standard Acoustical Terminology (including Mechanical Shock and Vibration), SI.1-1960, (sponsored by the Acoustical Society of America) contains nearly 600 definitions of terms used in the field of acoustics. The 62-page Standard contains five tables, a diagram (showing elements of sonar background noise), and an extensive Index. The terms are grouped under 13 Sections: 1. General; 2. Levels; 3. Oscillation, Vibration and Shock; 4. Transmission — Propagation; 5. Complex Parameters of Linear Systems; 6. Transducers and Instruments; 7. Transducer Parameters; 8. Recording and Reproducing; 9. Underwater Sound; 10. Sonics; 11. Architectural Acoustics; 12. Hearing and Speech; 13. Music. Sections 14 and 15 are on "Acoustical Units" and "Revision of American Standards Referred to in This Document," respectively. A revision of Z24.1-1951, this Standard was approved May 25, 1960. Committee members engaged in the work of revision represented more than 40 governmental groups and scientific organizations. The publication is available from American Standards Association, Inc., 10 E. 40 St., New York 16. It is priced at \$4.50.

The newly revised **Radio and Television: A Selected Bibliography** is a publication of the Office of Education, U.S. Department of Health, Education and Welfare.

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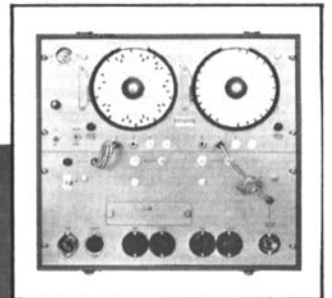
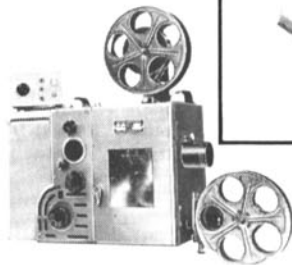
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The 46-page pamphlet includes references to books and periodicals containing reports and discussions on research and experimentation, significant contributions to the educational applications of media materials, programming and broadcasting, and related subjects. A limited number of technical books are listed. Names of organizations and groups from which informational material is obtainable are listed. The booklet is priced at 25 cents and may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D.C.

Graflex Audiovisual Digest is a 48-page paper-bound booklet, published (1960) by Graflex, Inc., 3750 Monroe Ave., Rochester 3, N.Y. Directed mainly to teachers, the booklet contains reprints of certain articles, plus digests of others, that have appeared in professional educational publications. Practical, "how-to" articles are included along with discussions of theory. The booklet, available from the publisher, is priced at 25 cents.

Outdoor projection of giant images is described in an 8-page illustrated brochure, No. 240-B, available without charge from Genarco Inc., 97-04 Sutphin Blvd., Jamaica 35, N.Y. The brochure explains how colored images six or seven feet wide can be projected at night, and in daytime under special conditions, on

white walls or through translucent screens with Genarco Slide Projectors.

8mm in Teaching Motion-Picture Production (Kodak Pamphlet No. T-11) stresses the advantages of the use of 8mm cameras in the teaching of motion-picture courses. The 4-page pamphlet stresses economy and also the simplicity of operation of 8mm cameras. It is available without charge from the Sales Service Division, Eastman Kodak Co., Rochester 4, N.Y.

Photographic processing and recording equipment is described in a four-page illustrated brochure, available from Kelvin & Hughes America Corp., Box 1951, Annapolis, Md. The brochure describes Continuous Film Processors Type RP1 and Step-by-Step Film Processors Type RP3. The latter has recently been made available in 16mm. This type of film processor is used for large bright-screen presentation of discrete displays normally appearing on a cathode-ray tube. The equipment is used to photograph the image on the tube, transport the film to the jet-spray processing stage and then transport the film to the projection station.

The Wollensak News Letter, a sheet describing new optical, optical-electrical, and optical-mechanical products, is available without charge from Wollensak Optical Co., Rochester 21, N.Y. A recent News Letter describes lenses developed

specifically for underwater use, a xenon lamp system, a tripod for high-speed cameras, and outlines a report on a test of rotating prism cameras.

New information on **seven lamp types** has been issued by the Photolamp Division of Sylvania Lighting Products, Sylvania Electric Products Inc., Dept. CSP, 60 Boston St., Salem, Mass., to supersede six sheets in the Sylvania Photolamp Technical Manual. One lamp type, the 1M12TF, is no longer produced. Improvements in six types are described in the new data sheets, available upon request.

Rear Projection of Slides in Large Meetings, a 4-page brochure (#313), explains the advantages of rear projection and offers suggestions on the selection of rear-projection equipment. The brochure is available without charge from Genarco Inc., 97-04 Sutphin Blvd., Jamaica 35, N.Y.

A Collection of Tables and Nomograms for the Processing of Observations Made on Artificial Earth Satellites, by I. D. Zhongolovich and V. M. Amelin, is being published by Pergamon Press, Inc., 122 E. 55 St., New York 22. The collection is designed to facilitate work connected with the compilation of ephemerides and with the processing of observations made on artificial Earth satellites. The book is planned especially for aeronautical scientists, astronomers and engineers. It is to be priced at about \$15.

Blak-Ray is described in an illustrated brochure in color, showing various uses of this fluorescent vinyl latex paint, made by Ultra-Violet Products, Inc., 5114 Walnut Grove Ave., San Gabriel, Calif. The paints are available in "visible" colors which show their true colors in ordinary light and are fluorescent in black light; and "invisible" colors which appear white in ordinary light and show their "true" fluorescent colors in black light. The latter type of paint has been found useful for various theatrical effects in costumes and background.

The Traid Line for '61, a 40-page illustrated catalog and price list, is available without charge from Traid Corp., 17136 Ventura Blvd., Encino, Calif. More than 40 items, selected as representative of cameras and equipments available from the firm are described. In addition to acting as distributor for Bell & Howell, Consolidated Systems Corp., Pacific Optical, Photo-Sonics, Neyhart Enterprises, Vanguard Instrument Corp., and Maier-Hancock, the firm also engages in research and development programs and has been active in the photographic instrumentation field for about 15 years.

The Broadcast Terminal Equipment Catalog (3d ed.), published (1960) by the Radio Corp. of America, Broadcast & Television Division, Camden, N.J., is a 144-page catalog containing detailed descriptions, specifications, illustrations and diagrams. The Table of Contents includes Custom Equipment; Switching Equipment; Special Effects; Intercom Equipment; Monitors; Amplifiers; Generators; Power

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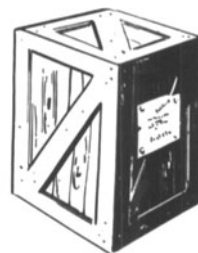
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Supplies; Racks and Mountings; and Microwave Relay. The catalog is priced at \$1.00.

Two brochures describing the miniature Bolsey 8 are available without charge from Bolsey Research and Development Division of Bolsey Corp. of America, 11 W. 57 St., New York 19. This minute motion-picture camera is 3 in. high and weighs 12 oz. The booklets give step-by-step instructions for the use of the camera and describe various accessories that are available.

Prologue to Space is the theme of the September, 1960, issue of the Bell Telephone

Laboratories publication *Reporter*. A particularly impressive photograph on the front cover shows the horn antenna at Holmdale, N.J., and white diagonal lines across the night sky that are "star tracks" on time exposure. An article by Frederick R. Kappel on "Communications in the Space Age," explores the practical problems of world-wide communications. James B. Fisk, President of Bell Telephone Laboratories, wrote on "Problems and Progress in Space," presenting excerpts from an analysis of space telephony prepared for the Federal Communications Commission. Other articles by scientists in the field discussed various aspects of research and development leading to space communications.



new products (and developments)

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Further information about these items can be obtained direct from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.



The Spectra-Pritchard Photometer is manufactured and distributed exclusively by Photo Research Corp., 837 No. Cahuenga Blvd., Hollywood 38, according to a recent announcement. Measurement by the photometer of a wide range of brightness is possible because of seven electrical ranges plus seven neutral attenuation ranges. Partly polarized light is measured as well as unpolarized light because of the absence of reflecting surfaces in the measuring beam. The instrument has a telescopic viewing system reflected from the aperture mirror and a folding mirror with a straight-through optical system for sensitivity to light of any type of polarization. The objective lens can be moved to adjust the focus from 3 ft to infinity without affecting calibration of the instrument. The field-of-view of the photometer can be varied by the insertion of various mirror-apertures.

A miniature radar and television display device, developed by Westinghouse Electric Corp., Box 2278, Pittsburgh 30, Pa., has been nicknamed the Private Eye because its display can be viewed by but one person at a time. Its essential element is a cathode-ray tube seven inches long and a screen 0.60 in. in diameter seen through a magnifying eyepiece. Because of the ten-fold enlargement the effect to the observer peering through the eyepiece is that of a picture on a 6-in. screen seen from a distance of 10 in. The screen is aluminized and cathodically deposited to insure high resolution, reported as 900 lines resolution in the present design. The tube, a WX 4527, is electrostatically focused and magnetically deflected with a deflection angle of about 34°. Suggested applications include closed-circuit systems for automobile traffic control; construction projects; military use; and three-dimensional display systems for medical and biological microscopy. A major use is expected to be

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