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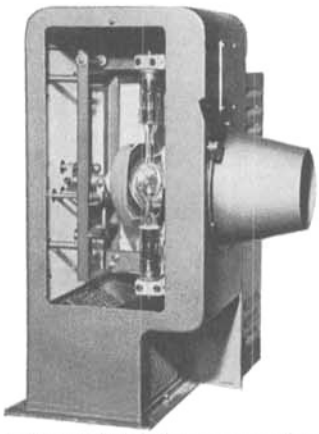
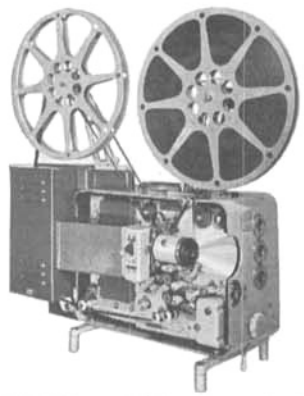


XeTRON CX-450 lamphouse for 16mm, 35mm movie projectors and small format slide projectors. Delivers 2,000 to 2,400 lumens and can be used with any standard 35mm projector. Also used to modify many heavy duty 16mm projectors for professional type use.



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section reports

ATLANTA, Feb. 9– At a meeting of the **Atlanta Section** in the Communicable Disease Center, Dr. James Lieberman spoke on "Medical Communication: Tool for Health Progress." Dr. Lieberman is Director of the Public Health Service Audiovisual Facility in Atlanta.– Hal Walker, *Secretary-Treasurer*, 5864 Pine Road, Doraville, Ga.

CAPE KENNEDY, Feb. 27–Dr. Richard J. Goldberg, Vice President and Director of Research and Development, Technicolor Corp., Burbank, Calif., described the original Technicolor printing processes, devoting special attention to the optical system used to print matrices, at a meeting of the **Cape Kennedy Section.**

Sixty-three members attended the meeting which was held at Orlando Air Force Base.

Goldberg illustrated his lecture with 16mm film showing the printer in action, demonstrating its capability to produce automatic lap dissolves from a combined single roll A and B negative. Additional information was presented on the wide screen processes, and the advantages of the newly-developed Techniscope process. Eight, 16 and 35mm demonstration films, both sound and silent, were projected illustrating various wide screen processes and printing techniques of Technicolor.

Following the meeting, approximately 40 members dined with Goldberg and section officers at the Officers' Club.–R. F. Downey, *Secretary-Treasurer*, 125 St. George Rd., Melbourne, Fla.

CHICAGO, Feb. 16—A report on the motion picture industry of Japan was presented to **Chicago Section** members and guests. The speaker was Robert M. Corbin, Manager of Product Planning, Motion Picture and Educational Markets, Eastman Kodak Co.

Corbin's presentation, before 43 persons, illustrated by color slides and a 16mm color sound documentary film, showed the techniques and equipment used in production and in the laboratories of Japan.

Prior to the meeting, members and guests joined the managers and the speaker for dinner.—Allen Hilliard, *Secretary-Treasurer*, 164 N. Wacker Dr., Chicago.

HOLLYWOOD, Jan 25—The Society of Photographic Scientists and Engineers hosted an intersociety meeting of the **Hollywood Section** of SMPTE and the Southern California chapter of SPSE. The meeting, held in the Rodger Young Auditorium in Los Angeles, was attended by 110 persons.

Dr. Abraham B. Cohen, Research Div. of Du Pont Photo Products, Parlin, N.J., spoke on the "Photosolubilization of Silver Salts." Dr. Cohen was assisted by Dr. E. Meschter, also to Du Pont.

According to Dr. Cohen, in 1961, R. K. Blake found that certain silver halides could be so treated that their rate of solution in aqueous sodium thiosulfate became sensitive to and controlled by exposure to light. This phenomenon has been called "photosolubilization." He demonstrated this dramatically by imagewise exposure of a film containing his modified silver halide followed next by immersion in hypo, whereupon the exposed silver halide dissolved at rates directly dependent on the degree of exposure. By proper choice of treatment time a moderate density positive silver halide image was produced. This image could be converted to a rather normal looking silver image by reduction, as in a normal developing solution. Thus a silver image was formed by completely unconventional processing—hypo first then developer. Technical data resulting from the years of research since the discovery were presented by Dr. Cohen.

After Dr. Cohen's presentation, a 20 minute question and answer period ensued.—Jack P. Hall, *Chairman*, 10146 Graynor, Granada Hills, Calif.

HOLLYWOOD, Feb. 16–"Study in Wet," a 10-min. 16mm color film demonstrating a unique use of film, opened the meeting of the **Hollywood Section** held at the Walt Disney Studio Theatre.

Paul E. Welcome, Video Consultant, Ampex Corp., discussed "High Band Video Recording–A New Teleproduction Tool," before 142 members. The theory of using an FM system for video recording was discussed with emphasis on high band recording. Some design considerations and the actual circuitry required to effectively use the high band principle was covered with examples of results.

Because of the sudden illness of James L. Tanner, the scheduled second speaker, Welcome, assisted by Leonard Willig of Ampex, discussed the use of the Ampex Editec video tape editing device as a teleproduction tool. A film showing its versatility and adaptability in animation and commercial production was shown. Following a question and answer period, the meeting was closed. –Jack P. Hall, *Secretary-Treasurer*, 10146 Graynor, Granada Hills, Calif.

MONTREAL, Feb. 25—In spite of very bad weather, 162 members and guests of the **Montreal Section** met (including 40 persons from Ottawa) to hear talks by C. P. Cahoon, Bell Telephone Co., and S. F. Quinn, Canadian Broadcasting Corp.

The meeting, which was held at CFCF-TV in Montreal, began with a paper by Cahoon which reviewed the fundamentals of the NTSC color signal. He examined the network circuits in terms of performance with the encoded NTSC signal. Limits were suggested for the various distortion factors involved, and methods of measurement for each were briefly covered.

Quinn then discussed some of the color tests performed at the CBC studio plant, and attempted to establish limits on performance that can be tolerated for color. The practical aspects of color television monitoring were explained. The evening ended with a brief demonstration of the color signal and the effect of the distortions covered in the two papers.—Arnold C. Schieman, *Secretary-Treasurer*, 155 58th Ave., Laval des Rapides, Que., Canada.

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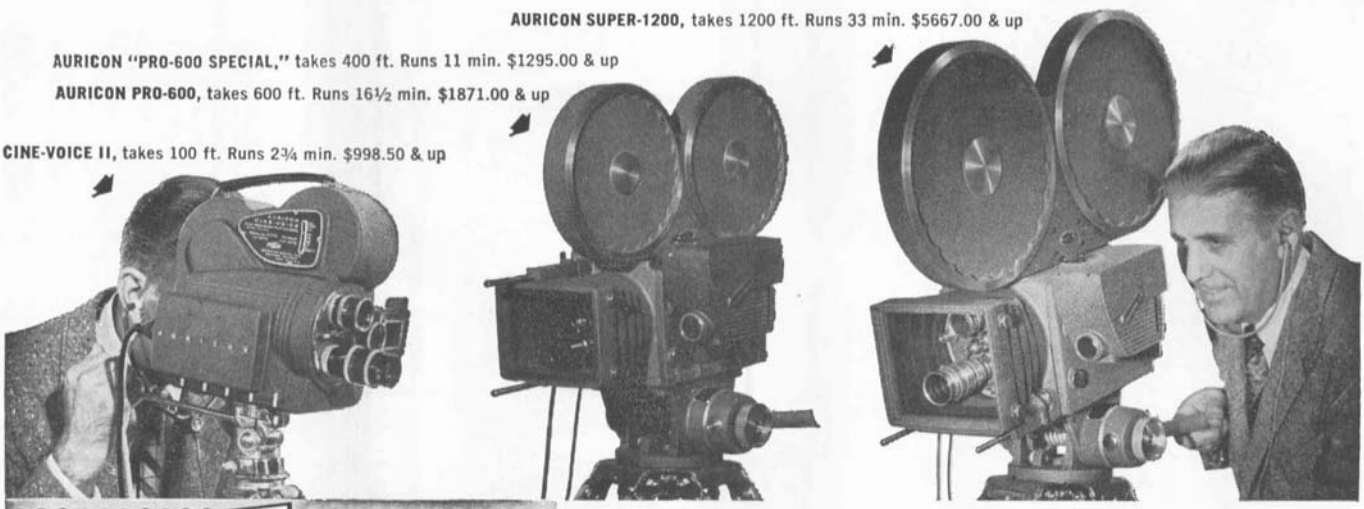

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NEW YORK, Jan. 13—Adrian Terlouw, Educational Consultant, Eastman Kodak Co., and Boyce Nemec, President, Reevesound Co. Inc., discussed "Design for Quality Projection" before 116 members of the **New York Section** at the Audio-Visual Auditorium of the Institute for the Crippled and Disabled.

The speakers discussed the ideal design of a projection system and its viewing environment which involves many factors: the material being projected; the audience size; the system used; and the screen characteristics. Nemec presented the problems of ideal design for the projection system; Terlouw discussed a method of analysis taking into account all factors leading to the most effective compromise for each performance situation.—Arthur J. Miller, *Secretary-Treasurer*, 601 Kappock St., Riverdale, N.Y.

ROCHESTER, Jan. 28—The Dryden Theater of George Eastman House was the scene of a talk by Harold Wright, Canadian Broadcasting Corp., before 57 members of the **Rochester Section.**

Wright, whose topic was "Calculating correct exposure for both reversal and negative-positive films for television," discussed the relationship of television signals and the density range of motion picture films. He showed that the spot photometer could be used to keep the face area at a nearly constant density. He said that the lighting should then be adjusted to produce the correct film highlight density; thus no further control of the shadows would be required. Wright used color slides and 16mm movies to illustrate the advantage of this exposure control.—Robert C. Lovick, *Secretary-Treasurer*, 88 Hillhurst Lane, Rochester 17, N.Y.

SAN FRANCISCO, Jan. 15—A joint meeting of the **San Francisco Section** and the Industrial Film Producers Assn. was held at the Lawrence Radiation Laboratory Auditorium, University of California, Berkeley, where 115 attended.

Dr. George Michael, Livermore Radiation Laboratory, spoke on the "Use of Animations and Computers as Related to Theoretical Computations. He showed the 3-D projection of a mathematical equation on a TV tube by means of a computer.

Dave Butler, Wilding-Butler, showed a film demonstrating the Wilding Aniform Animation Technique using movable figures. Then Gene Burson, Hollywood Animators, presented a method of using combination live backgrounds and models photographed separately and optically printed. Discussion periods followed each speaker. The meeting closed with a visit to the Bevatron.—John B. Steiger, *Secretary-Treasurer*, 1345 Mandole Dr., Los Altos Hills, Calif.

SAN FRANCISCO, Feb. 10—Robert Horning of the Lawrence Radiation Laboratory, spoke to 42 members of the **San Francisco Section** on Electro-Optical Earth and Space Communications and Laser Modulation and Demodulation. The meeting was held at Dwinelle Hall of the University of California.

Horning discussed the different types of lasers and illustrated his talk with slides. A laser was available for examination after his talk. Matt Lehman, Stanford University, then discussed the making of holographs. One was shown, using the light from a laser to create a 3-D effect.—John B. Steiger, *Secretary-Treasurer*, 1345 Mandole Drive, Los Altos Hills, Calif.

WASHINGTON D.C., Jan. 12—Two staff members of the Eastman Kodak Co., read papers on new films to 58 members of the **Washington D.C. Section** at the National Academy of Sciences.

H. E. White and Walter E. Shea read papers on "A New Improved Color Print Film;" "A New High-Speed Black and White Camera Negative Film;" and "A New Low-Speed Black and White Camera Negative Film." In addition, comparisons of each of the new films with the films they were designed to replace were projected.

After a short discussion period, refreshments were served, compliments of the Eastman Kodak Co.—Wesley R. Sandell, *Secretary-Treasurer*, Kodak Processing Laboratory, Inc., 1350 Okie Street, N.W., Washington 13, D.C.

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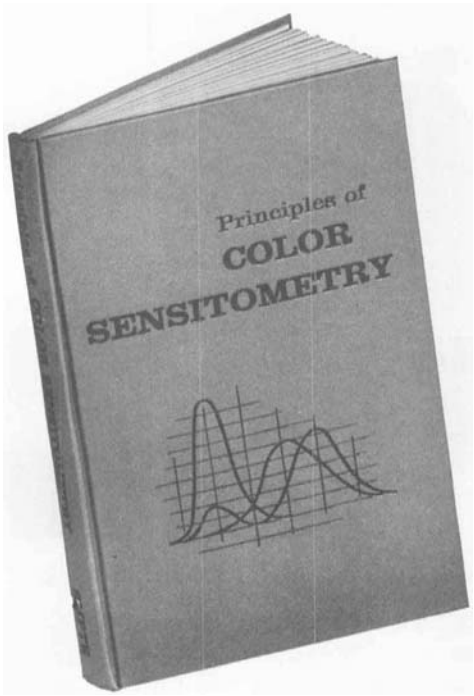

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