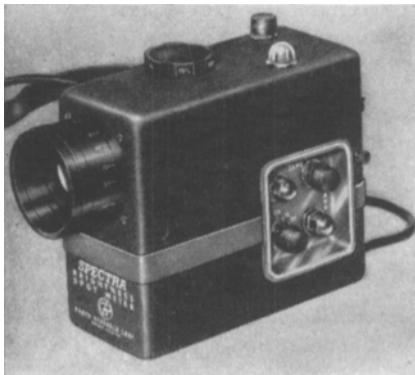


Visit our display at Booth 1003, 11th Annual Instrument-Automation Exhibit, New York Coliseum, Sept. 17-21

SPECTRA

Brightness Spot Meter

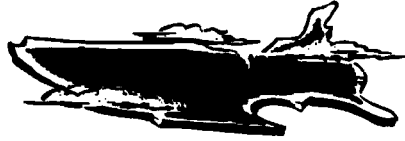


- Reads directly in footlamberts
- Measures uniformity of illumination and discoloration of projection screens for any distance or angle
- Shows footcandle output of individual light units without interference from other sources
- Checks color temperature of light sources to maintain uniform color quality
- Checks brightness of selected areas on set to determine brightness range
- Maintains standard brightness and COLOR TEMPERATURE of printer lights

PHOTO RESEARCH CORP.

KARL FREUND, President
837 North Cahuenga Blvd.
Hollywood 38, Calif.

section reports



The Central Section met on June 18 at the Western Society of Engineers, Chicago, with an attendance of 55. A paper, "Automatic Timing of Color Negatives," by John A. Stott, William R. Weller and J. Edward Jackson of the Color Technology Div., Eastman Kodak Co., was read by Mr. Weller. The paper outlines a scientific approach to color timing. The authors have developed a concept which may shorten or entirely eliminate some of the preliminary tests that must be made. The authors measure integrated transmission to red, green and blue light of representative color negative scenes. The readings are then statistically correlated to the printer setting which produced acceptable picture quality for each of the representative scenes. To test the method, the authors arranged to print several films at one of the film laboratories. These films were projected for review and discussion.—*H. H. Brauer*, Secretary-Treasurer, c/o Bell & Howell Co., 7100 McCormick Rd., Chicago 45.

The Pacific Coast Section met on June 19 in the Walt Disney Studio, Burbank, Calif. Approximately 175 persons attended. Three papers on television lighting that had been presented at the SMPTE Convention in New York were read. Franklin J. Gaskins, Technical Supervisor for NBC read Gerald F. Rester's report on the survey conducted to determine current lighting practices of TV stations engaged in live color-program origination. William H. Copeland, Engineer in charge of color TV for CBS presented a paper prepared by E. Carlton Winckler covering the technique developed in lighting network programs. He discussed the use of interesting combinations of all types of lighting equipment as well as a wide range of wattages to obtain the balance and intensities necessary for the color cameras while operating within the dramatic structure. Techniques and methods were described in detail. John R. Kennedy, liaison engineer, Pacific Division, NBC, read a paper by Robert W. Byloff which traced the evolution of the present lighting systems for color TV studios to those first used in monochrome television. A typical system was studied along with quantitative design considerations. A number of interesting slides of NBC lighting facilities were shown.—*John W. DuVall*, Secretary-Treasurer, c/o E. I. du Pont de Nemours & Co., 7051 Santa Monica Blvd., Hollywood 38.

The Northwest Section met on June 26 at the Palmer Films Studios, San Francisco. Approximately 27 members and guests attended. Robert W. Hufford, Eastman Kodak Co., Hollywood, read a paper on "Color Kinescope Recording on Embossed Film," by C. H. Evans and R. B. Smith, Eastman Kodak Co., Research Laboratories, Rochester 4, N.Y. The new film was

demonstrated by operating two projectors in synchronism. Prints from the new embossed film and the older type of Eastman color film were shown simultaneously, side by side, to demonstrate the improvement in prints made from the new film, especially in flesh tones.—*R. A. Isberg*, Secretary-Treasurer, Consulting Engineer, 2001 Barbara Drive, Palo Alto, Calif.

Education, Industry News

The Second International Industrial and Labor Film Festival will be held during December 1956 in Brussels, Belgium. The purpose of the meeting is to stimulate interest in films used in industrial research, vocational training, and analysis of labor problems. Films used in the discussions may be made in any country but will not be accepted if made before December 1952. More detailed information can be obtained from La Cinémathèque de Belgique 23, rue Ravenstein, Brussels, Belgium.

Closed circuit television as an integral part of a county-wide teaching program will be introduced in Washington County, Md., when school opens in September. More than 6000 pupils in two high schools and six elementary schools will receive an important part of their daily instruction by television and by September 1958 the teaching-by-television program is expected to reach about 20,000 pupils in the 47 schools in the county.

Equipment for the school installations, will be contributed by electronics manufacturers through the Radio Electronics Television Manufacturers Association (RETMA). Funds to provide for the training of personnel to administer the program will be granted by the Ford Foundation.

Announcement of the plan, described as a research project, came after months of discussion by leaders in education, and representatives of RETMA and the Ford Foundation. One of the goals aimed at by sponsors of the project is to find a solution for the serious problems brought about by the growing shortage of teachers; the lack, in many areas, of adequate facilities; and the growing increase in enrollments.

If this tryout is successful it may revolutionize educational techniques throughout the nation affecting not only classroom instruction and the training of teachers but the architecture of future school buildings.

Arthur J. Hatch has been elected President of the Strong Electric Corp., Toledo, Ohio. He joined the engineering staff of the company in 1935 and was elected Vice-President in 1947. Strong Electric Corp. is a subsidiary of General Precision Equipment Corp.

William G. Straube, Sales Manager for the Pacific Optical Corp., has been appointed Vice-President and General Sales Manager of the newly organized IMP Engineering Corp., 1591 Crossroads of the World, Hollywood. IMP is engaged in work for the U.S. Department of Defense in the field of photographic testing and missile systems.