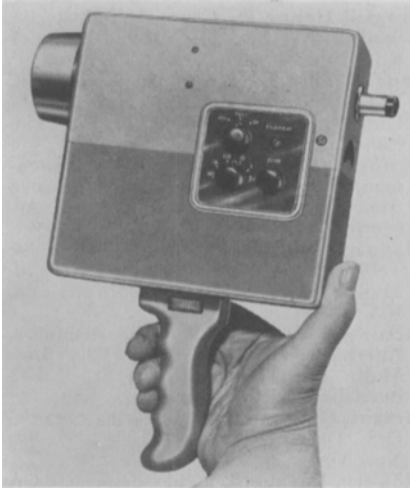


## New Products

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.



**This new Spectra Brightness Spot Meter** will soon be available from Photo Research Corp., 127 W. Alameda Ave., Burbank, Calif. It is designed to measure the brightness of a very small area at any distance from 4 ft to infinity, through the use of a vacuum photocell, amplifier and microammeter. All users obtain the same reading of a given area, for the meter is independent of the sensitivity of the observer's eye and requires no matching of brightness.

The size of the area measured is  $1^\circ$ , that is a 1-in. spot at 5 ft, 2-in. spot at 10 ft, etc. The subject to be measured is viewed at considerable magnification through the telescopic sight built into the meter, a circle in the center of the field of view indicating the actual area being measured. The meter is self-contained, having no external power source. It weighs about 5 lb.

To allow handholding the meter and still reading the brightness, a locking-type microammeter is used. The operator pushes a button on the side when the desired area is in the reticule circle and then releases the button again. The meter

holds the reading until the button is again depressed.

The sensitivity of the meter is broad, having an overall range from 1 to 1,000,000-ft-L over its five ranges. A logarithmic scale meter is used to accomplish a percentage of accuracy about the same over the entire scale. The photocell is filtered so that its response closely approximates visual response.

Photo Research Corp. has designed the meter with the idea that it will be most useful for measuring brightness from a given position, such as the camera position in cinematography or television, and in measuring screen brightness.



**A new 16mm lens series** has been announced by the Kinoptik Company of Paris, France, which for several years has had a 35mm series for motion picture and television cameras. Available in C-mounts for standard 16mm motion picture cameras are 20-, 25-, 32-, 50- and 75-mm Kinoptik lenses. They have  $f$  as well as  $f$  scales, a new system of equidistant aperture markings, and a six-element design. Shown here is a Kinoptik for 16mm, 1-in.,  $f/2$  Apochromat in focusing C-mount. Complete descriptions of both the 35mm and 16mm lenses are available from the U.S.A. distributor, Victor Kayfetz, 130 E. 56 St., New York 22, N.Y.

**Lantern Slides and How to Make Them** is a 37-page reprint booklet of which 26 pp. are from *See and Hear* magazine and written by Mary Esther Brooks of the Bureau of Audio-Visual Aids at Indiana University. In these pages are a wealth of details about techniques, materials and sources, arranged in four chapters and a bibliography. Additional chapters are: (1) "Letter Height and Legibility" by R. A. Sage and reprinted from the *Journal*

of the *Biological Photographic Association*; (2) "Homemade Slides by Photographic Methods" and (3) "Filing Opaque Projection Material" by Harold F. Bernhardt from *The Educational Focus*.

Copies are available, preferably in orders of 50 copies or more, at 20 cents per copy from the Educational Sales Division, Bausch & Lomb Optical Co., 786 St. Paul St., Rochester 2, N.Y.

**Back issues of the Journal available:** 5 years (1947-51) in perfect condition plus the indexes for 1936-45 and 1946-50 and including the 1949 High-Speed Photography, upon any reasonable offer to Vic Gretzinger, 3547 Suter St., Oakland 19, Calif.

**Journals and Transactions available:** Of the *Transactions* Nos. 11, 14, 20, 21, 23, 25, 27, 28 and 38; and 22 years of the *Journal* (1930-1951) except for Jan., Feb., Mar. and Apr. of 1934, Jan. and Apr. of 1948, and Feb. 1950; also these extra single copies — Nov. 1930; Jan., Feb., July and Nov. 1931; June 1932; Mar. and Apr. 1933; Dec. 1934; Jan. and May 1935; Oct. 1938; July and Dec. 1940; Oct. 1948 and Jan. 1950. These are available upon any reasonable offer made to: Paul J. Larsen, Assistant to the President, Borg-Warner Corp., 310 So. Michigan Ave., Chicago 4, Ill.

## Meetings

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**72nd Semiannual Convention of the SMPTE, Oct. 6-10, Hotel Statler,  
Washington, D. C.**

### Other Societies

- National Audio-Visual Association, Convention and Trade Show, Aug. 2-5, Hotel Sherman, Chicago, Ill.
- University Film Producers Association, Annual Meeting, Aug. 11-15, Syracuse University, Syracuse, N. Y.
- Photographic Society of America, Annual Convention, Aug. 12-16, Hotel New Yorker, New York
- American Institute of Electrical Engineers, Pacific General Meeting, Aug. 19-22, Hotel Westward Ho, Phoenix, Ariz.
- International Society of Photogrammetry, Conference, Sept. 4-13, Hotel Shoreham, Washington, D.C.
- American Standards Association, Third National Standardization Conference, Sept. 8-10, Museum of Science and Industry, Chicago, Ill.
- Illuminating Engineering Society, National Technical Conference, Sept. 8-12, Edgewater Beach Hotel, Chicago, Ill.
- Biological Photographic Association, Annual Meeting, Sept. 10-12, Hotel New Yorker, New York
- National Electronics Conference, Annual Meeting, Sept. 29-Oct. 1, Sherman Hotel, Chicago, Ill.
- Optical Society of America, Oct. 9-11, Hotel Statler, Boston, Mass.
- American Institute of Electrical Engineers, Fall General Meeting, Oct. 13-17, New Orleans, La.
- American Standards Association, Annual Meeting, Nov. 19, Waldorf-Astoria, New York