

**The Carena 8S8, a convertible sound and silent projector** for both Super 8 and standard 8mm has been announced by Karl Heitz, Inc., 979 Third Ave., New York, N.Y. 10022. The projector, manufactured in Liechtenstein, features simple, rapid conversion from Super 8 to standard 8 by means of a lever which changes claw, film gate and soundheads to the desired mode. If desired, the projector can quickly be changed to silent projection. A built-in transformer can be adjusted from 110-V up to 250-V ac. The unit measures  $16\frac{1}{2} \times 5\frac{3}{4} \times 9$  in., including the built-in screen, and weighs 22 $\frac{1}{2}$  lb. Prices begin at \$599 for the basic unit which includes the projector, Zeiss-Sonnar 2mm *f*/1.2 lens, microphone and case with built-in amplifier-speaker.

**A new Orbit Brand movie editor/viewer** designed for use with Kodak Super-8 and Fuji Single-8 movie film has been announced by Hudson Photographic Industries, Inc., South Buckhout St., Irvington-on-Hudson, N.Y. 10533. The editor has a 3- by 4-in. "black screen" viewing area with a polarized coating on the rear surface for grainless image transmission. A focusing control, framer and spring action notcher are grouped on the control panel adjacent to the on-off switch and pilot light. The unit includes a butt-type film splicer. It is priced at about \$35.

**The Automatic Dry Splicer, Model 7600**, introduced by Dupage Metal Products Inc., 211 South Main St., Lombard, Ill. 60148, has been designed to tape and splice both sides of the film at once. The machine uses optically clear tape made of Mylar. In operation the film is inserted and the butt cut made with the built-in film squaring cutter. The pre-sprocketed tape is pulled forward and the machine trims and splices both sides of the film at once. The splicer is priced at \$99.95 for 16mm and \$124.95 for 35mm. A microfilm splicer is available at \$89.95 for 16mm and \$114.95 for 35mm.

**Astrolux High Intensity Lights**, designed for one-man, one-hand operation while projecting daylight-quality illumination for distances of 1,000 ft and more, have been announced by Karl Heitz, Inc., 979 Third Ave., New York, N.Y. 10022. The standard 500-, 750-, or 1,000-W projection lights provide up to 500-hr continuous use, light up instantly without warm-up time and can be replaced within seconds, the

announcement stated. The light is non-pulsating, has a color temperature of 3200 K and maintains a constant spectrum. The lights operate from standard 110-V ac outlets as well as from dual-purpose car generators or portable generators.

**The Mogul-Bi (Mogul Bi-Post Quartz Converta) and Mogul-Pf (Mogul Prefocus Quartz Converta)** have been announced by Packaged Lighting Services, Inc., 36 Woodworth Ave., Yonkers, N.Y. 10701. The Convertas are designed to provide better performance for 8- to 12-in. Fresnel spotlights. They are equipped with a telescopic adjustment device to permit the proper lamp filament positioning through the existing lens. Five quartz lamps, interchangeable in the Convertas, vary from 1,000-W, 2,000-hr, 3,000 K to 2,000-W, 150-hr, 3,200 K. They can be burned in any position and are designed to provide balanced lighting with constant color temperature. They are priced at \$37.50.

**A new series of Type III 200-W mercury short-arc lamps** for operation on either ac or dc has been announced by Illumination Industries Inc., 610 Vaqueror Ave., Sunnyvale, Calif. 94086. The lamps are constructed of clear, fused quartz with specially processed tungsten electrodes to provide sources of ultraviolet and visible radiation. Either the 2- or 3-electrode type is available in a 4.1-in. or 4.75-in. overall length. They are interchangeable in fluorescent microscopes and other fixed designs incorporating 200-W mercury short-arc lamps. Features include luminous flux, 10,000-lm; arc size,  $0.10 \times 0.07$  in.; minimum starting voltage, 10 kV; average luminance, 33,000 cd/cm<sup>2</sup>; and average life (dc operation) 400 hr. The lamps are priced at about \$29.

**A new slide projector** called the Monitor 960 and two Super 8 zoom lens movie cameras, model 84C and 85C, have been announced by Bell & Howell, 7100 McCormick Rd., Chicago, Ill. 60645. The gravity-feed slide projector is equipped with a 100-slide rotary tray and features a preview screen to allow editing of slides before being projected. It is priced at about \$160.

The new cameras feature through-the-lens electric-eye exposure control, folding pistol grip, battery-powered film drive, with high-visibility film footage indicator and battery tester. The 84C has an *f*/1.8 3 : 1 zoom lens and is priced at about \$170. The 85C has a 5 : 1 zoom lens and is priced at about \$200.

**The Type WB clean work booth**, developed by Westinghouse Environmental Systems Department, 4300 36 St., Grand Rapids, Mich. 49508, is designed for operations better performed in an isolated area; it is also used for applications in which the associated assembly and test equipment must also be kept clean. Construction of the booth is based on the laminar flow principle of air movement. HEPA-type filters are used to provide a working environment containing less than 50 particles (0.5 micron and over) per cubic foot.



.....  
 These notices are published for the service of the membership and the field. They are inserted three months, at no charge to the member. The Society's address cannot be used for replies.

## Positions Wanted

**Precision Machinist.** Experimental, prototype, and automation on motion picture laboratory film processing, desires posit. in New York or New Jersey. Write J. W. S., 70 Montclair Ave., Little Falls, N.J. 07424.

**Recording Engineer.** 15 yrs exp. in all phases of m-p sound recording including field mixing, re-recording, optical transfer, and maintenance. Will relocate. Résumé on request. A. Seidman 46-05 Marathon Pkwy., Little Neck, N.Y. 11362.

**Cameraman.** Highly exp'd, thorough knowledge in all fields of camera work. French, English speaking. Desire posit. with high responsibilities in industrial, commercial or other film production. Available immediately. Résumé on request. Write: George Miklachevsky, (in April) Wiesenstrasse 8, CH 8700 Kusnacht-ZH, Switzerland; (from May) c/o Epanchin, 27 Brown St., Sea Cliff, N.Y. 11579.

**Motion Picture Lab Manager or Quality Control Supervisor.** 16 yrs. exp. in m-p lab operations. Exp'd. in processing Eastman Color, Kodachrome, etc. Exp'd. timer. Quality control engineer with Eastman Kodak for 9 yrs. College grad. Résumé on request. Bryan Allen, 11 Evergreen Rd. (North Oaks), St. Paul, Minn. 55110.

**A/V Communication Specialist.** American established in Europe. Fluent several languages. Senior executive positions consulting to governments, schools, UN agencies, industry. Educational technology, industrial training, ETV. Industry/education/documentary film production. Currently holding seminars throughout Europe, writing, and consulting on major TV current-affairs series. Seeks challenging, responsible, rewarding tie with US firm. Eric Hecksher, 26 Rue de Tourville, 78 St-Germain-en-Laye, France.

## Positions Available

**The Delaware Educational Television Network** needs two experienced video technicians in Dover, Del. Experience with I-O cameras, Ampex Videotape recorders, studio operation and maintenance necessary. Openings immediate. New personnel will assist in moving into new plant April 1. First phone not essential but preferred. Write, including full details first letter, William C. Lewis, Technical Services Director, Box 898, Dover, Delaware.

**Motion Picture Production Asst.** Director of photography-cameraman-editor in growing unit. Able with a Mitchell, Arriflex, or Auricon. Able to light sets ranging from crowded lab to large auditorium. Knowl. all aspects of editing. Familiarity with all other areas of film production. College graduate with at least one year exp. in industrial or educational film production. Minimum salary \$6,300 depending on exp. Send résumé to Byrl L. Sims, University of Illinois, Motion Picture Service, 606 $\frac{1}{2}$  E. Green St., Champaign, Ill. 61820.

**Technician.** Installation, service maintenance of TV studio broadcast equip; customer liason; demonstrations. Salary \$7,500-\$8,500. Contact Robert A. Tiegen, Personnel, North American Philips Co., Inc., 100 E. 42 St., Rm. 1027, N.Y., N.Y. 10017.

**Engineering, Technical, Scientific,** other posit. avail. Sample titles: Circuit Design Engr.; Semi-Conductor Dev. Engr.; Specifications Engr.; Mechanical Engr.; Audio Engr. Varied exp. and training reqmts. Wide salary range based on job specs. Contact Robert A. Tiegen, Personnel, North American Philips Co., Inc., 100 E. 42 St., Rm. 1027, N.Y., N.Y. 10017. Phone YU 6-7135. or YU 6-7149.

**Television Technician** for new communication center on campus of dynamic, expanding mid-western university of 11,000 enrollment. Complete benefit program. Exp. in closed-circuit and broadcast engineering; FM and I-O TV. Person competent in VTR. First class FCC license required. Maximum age 55. Contact William R. Freed, Personal Officer, Room 8, Administration Building, Ball State University, Muncie, Ind.

**Top Flight Cameraman** to join staff of leading Pacific Northwest network-affiliated TV station. Varied assignments in news, documentary and general program filming. College education reqd. with general or liberal arts emphasis. Seek technical proficiency plus journalistic and artistic awareness. Please write Ralph Umbarger, 320 Aurora Ave., N., Seattle, Wash. 98109.

**Faculty Openings at R.I.T.** The School of Photography of the Rochester Institute of Technology requires additions to the faculty in the growing Dept. of Photographic Science and Instrumentation. Inquiries will be welcomed from those interested in a career in teaching and with experience in some aspect of photographic science or instrumentation, such as systems design, image evaluation, optics, sensitometry and processing control. Applicants should have a degree in science or engineering preferably at the M.S. level or higher. Inquiries should be addressed to Prof. C. B. Neblette, Dean of the College of Graphic Arts and Photography, Rochester Institute of Technology, Rochester, N.Y. 14608.

**Laboratory Quality Control.** Well established m-p lab is seeking trainee and experienced technicians for general B & W sensitometric control work on day shift. Exp. with control equip., charts, graphs desirable. Must be accurate, reliable. Opportunity for advancement in growing lab with B & W and color operations. Send salary requirements and résumé to Robert M. Smith, Du Art Film Labs, Inc., 245 W. 55th St., N.Y., N.Y. 10019.

**Photographic Chemist.** Expanding lab with B & W and color operations is seeking photographic chemist with exp. in processing solution control and analytical procedures. Must be accurate & reliable. Opportunity for advancement in growing lab. Send résumé including salary requirement to Robert M. Smith, Du Art Film Labs, Inc., 245 W. 55th St., N.Y., N.Y. 10019.

**Field Sales Engineer.** Well established co., a leader in the manufacture of precision hi-speed m-p cameras offers posit. with excellent opportunity and future to qualified man with a minimum of 6 years exp. in photo-instrumentation or related field. Work from Los Angeles area covering Southwestern territory. Submit résumé to C. I. Villagran, D. B. Milliken Co., 131 N. Fifth Ave., Arcadia, Calif.

**First Cameraman.** Must have strong background in creative lighting and heavy industrial shooting. Self-starter who can work on his own or with small crew. Fair amount of out-of-town-travel. Fred Berney, Academy-McLarty Prod., 20 Mesmer St., Buffalo, N.Y.

## Journals Available/Wanted

These notices are published as a service to expedite disposal and acquisition of out-of-print Journals. Please write direct to the persons and addresses listed.

A complete set of *Jours.* Jan. 1946 to Jan. 1965, including indexes, directories and supplements, in perfect condition. Also High-Speed Photography 1949, 1954; Developments in Stereophony 1953; Color Sensitometry. Submit offer to Harry Lehman, 4911 Laurel Canyon Blvd., North Hollywood, Calif.

Feb. 1955; May-Dec. 1955; complete 1956; July, Sept., Dec. 1959; Jan. 1960; July-Dec. 1960; 1961-1964 complete; 1965-to date. Includes any indexes, directories, etc. Good condition. Best offer. Write: Robert J. Katzeff, 5 Hampshire Lane, Stamford, Conn. 06905.

1955-65 *Jours.* Any offer. R. W. Casey, 6259 Coldwater Canyon, N. Hollywood, Calif.

For Sale: Back issues of *Jour.* 1948-1964 including March 1949 and Nov. 1949 High-Speed Photography issues. Some years incomplete. Make offer for all, part or single copies. All letters answered. J. D. Clement 6612 Andasol Ave. Van Nuys, Calif. 91406.

For sale: *Jour.*, 1949-1964. Excellent condition, unbound, available only as complete set. Write: Harry Wuest, 220 E. 60 St., New York, N. Y. 10022.

Dec. 1964; complete 1947 (except Feb.); complete 1948 through 1955; Dec. 1957; Jan., Feb., Mar. 1958; complete 1959; Jan., Feb., Mar. 1960; July through Dec. 1963; complete 1964. Includes indexes, directories, and supplements. In perfect condition. Best offer. Write: Joseph W. MacDonald 948½ North Kingsley Drive, Hollywood, Calif. 90029.

## CLASSIFIED ADVERTISING

First 3 lines \$5.00  
Each Additional line \$1.00  
per inch \$13.00

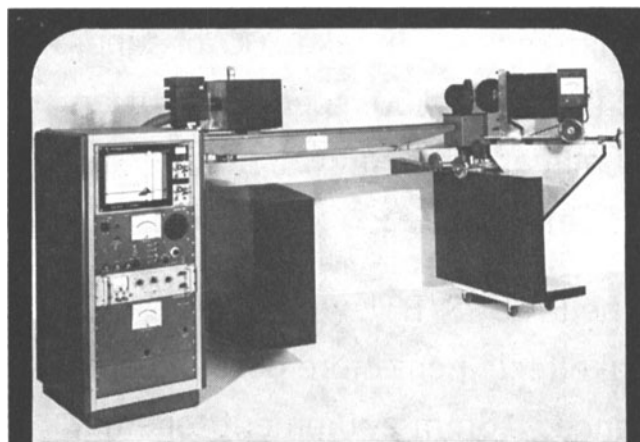
**FOR SALE:** Four new 300-w light intensity lamp assemblies Model 5205 Printer. (312) HU 6-1103, Mr. Good.

**FOR SALE:** 16 to 8mm Herrfeld Reduction Printer, mint condition \$1595. 16/36/70mm Photo Devices Microfilm contact printer with loop attachment \$1495. A. A. ABBE, Inc. 226 S. Wells, Chicago 726-1175.

*Journal* copies: Single copies of the *Transactions* or *Journal* from 1916 to date, when in stock, are available from Society Headquarters, 9 E. 41st St., New York, N.Y. 10017, at \$2.00 each.

Those now out of print are: *Transactions* No. 1, 2, 3, 5, 6, 7, 8, 9, 11, 14, 16, 18 and *Journals* dated: May 1932; May, June and October 1933; January through April 1934; April and May 1936; April and May 1937; January, March, May and July 1938; February and April 1939; March, May and June 1940; March and July 1941; February through May and July 1944; January, February, April and August 1945; January, February and July 1946; January 1947; February 1948; January, March-Part 2, July through September and November 1949; January, February and June, 1950; July, October 1951; May 1954.

*Journal* copies, special two-part issues, (April 1953, August 1953, September 1953), are sold at \$2.50 each. *Journal* indexes: for 1930-1935, \$2.00; for 1936 to 1945, \$3.00; for 1946-1950, \$2.00; for 1951-1955, \$2.50; for 1956-1960, \$2.50.



## Now — Objective, Automatic Lens Testing!

Now you can eliminate human-judgment problems in testing optical assemblies. The Newtek Lens Test System is completely automatic, completely objective. Modulation transfer function curves are plotted for you on graph paper with 2% accuracy over a resolution range of 2.5 to 200 lines/mm (higher on request) and from any point in the field of a lens from 0° to 45°. System consists of (1) sine wave generator, (2) collimator, (3) scanner, (4) demodulator, (5) recorder, (6) mounting bench. Modules also available individually. Made by Newtek Corp. and distributed by Traid. Write Traid today for complete information.



### TRAID CORPORATION

777 Flower St., Glendale, Calif. • Ph. 213/245-9393  
1608 Forest Glen Rd., Silver Spring, Md.  
Ph. 301/587-3003  
1207 Banana River Dr., Indian Harbour Beach, Fla.  
Ph. 305/262-2944