



**PEK'S
Bright
Ideas
Work**

For You. Because, PEK's experience and technical know-how combine to provide a total lamp systems capability. And, PEK can and will meet your lighting needs reliably at low cost.

Ideally suited for tasks from solar simulation to motion picture set lighting and projection, the PEK high wattage family of lamps perform reliably while providing higher conversion factors than comparable lamps. Available from 500 W to 20 KW these PEK lamps provide maximum security against damage through rugged ribbon seal construction.

PEK

For enLIGHTened help on your lamp problems, write: Marketing Manager
PEK, INC.
825 E. Evelyn Avenue
Sunnyvale, California 94086

standard equipment (less magazine) the camera is priced at \$1,250.

A new laser Q switch designed for most Q switching, light modulator and shutter applications, has been announced by Crystalab Products Corp., 19 Legion Place, Rochelle Park, N. J. 07662. Designated Model 3051, the Q switch is available in several aperture sizes with a single crystal of either KDP or 98% deuterated KD*P or with multiple crystals to reduce operating voltage. Features include shock- and vibration-resistant construction, schlieren-grade windows and integral Glan-air spaced prisms which can be tilted and rotated. Price for a 10mm aperture, single crystal configuration, KDP crystal, \$1050; KD*P crystal, \$1500.

A motion analyzer, Vanguard Model M-16C/C-11, has been announced by Instrumentation Marketing Corp., 820 South Mariposa St., Burbank, Calif. 91506. The instrument features zero reset to allow displacement readings to be made direct.

X-Y readout from projected numerical display is made from adjustable crosshairs superimposed on the image. The unit includes 360° image rotation and a frame counter. The instrument is used in medical applications for analysis of x-ray and microphotography and is also used in ballistics and aerospace studies. It is priced at \$5,470.

Yellow glass tubing with sharp cutoff at 500 nm for spectral filtering has been announced by Fish-Schurman Corp., 70 Portman Rd., New Rochelle, N. Y. 10802. The tubing may be used with a water jacket on high-intensity laser flashlamps with neodymium-doped materials to remove the ultraviolet. The tubing has an expansion of 96×10^{-7} from 20 to 300 C and 88×10^{-7} from 20 C to 100 C. The softening temperature is at 680° C. It is available in 15-mm and 22-mm diameters with a wall of about 1 mm and length of 370 mm. It is priced at \$15 each in lots of two pieces and in lots of 10 the price is \$10 each.



**employment
service**

.....
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

Technical Visualizations Specialist. Animation, titles, effects. Top quality builds demand thru own scripts applying diverse techniques, layout through camera. Would build another versatile aerial-image stand for advanced techniques for in-plant, governmental, TV and business films. My product usually creates demand for more. Résumé. Write: Mervin J. Updegraff, 17040 Otsego Street, Encino, Calif. 91316.

Experienced Cameraman, 16mm film, TV and still photography. Seeks production position in motion pictures, television, documentary or news. Will accept traveling assignment. Technical school and University Education. Résumé on request. Write: David S. Cheatt, 232 Milford St., Brooklyn, N.Y. 11208.

Producer, Business Manager, Technical Administrator. 18 years non-theatrical, theatrical promotion and television film production and laboratory experience, seeks permanent post with in-plant or other organization. Strong financial, organization and technical background for effective, profitable control in all aspects motion picture work. For further information and résumé: D. W. Robinson, 21 Landau Ave., Elmont, N.Y. 11003

Positions Available

Wanted: Experienced color timer and other lab personnel for growing new lab. Contact Ira Cavrell, Manchester Labs, 533 W. 47 St., New York, N.Y. 765-3135

Film Technician. To be in charge of camera and sound equipment at graduate school of film in Manhattan. Immediate opening. Salary: \$10,000. Tel: (212) 598-2416.

Cameraman-Editor. Wanted for permanent position with in-plant industrial motion picture unit producing sales, public relations, educational and documentary type films. Experience in lighting, the operation of Mitchell and Arriflex cameras and with editing techniques preferred. Submit résumé and salary requirements to: J. W. Lovell, General Electric Company, Bldg. 6 Room 231, Schenectady, New York 12305.

Chief Engineer, recording studio; **Applications Engineer**, audio and video systems; **Regional Sales managers** (2), TV broadcast and audio systems; **Product Manager**, audio systems; **Product Manager**, television broadcast equipment. North American Philips Co., Inc., Norelco. Contact Leon J. Karvelis, Management Development—Professional Staffing, 100 East 42nd St., New York, N.Y. 10017, (212) 986-5403.

Television Studio Maintenance technician. Color video/VTR and audio. Requires 1st class FCC license. Excellent opportunity with long established station that has recently moved into a new facility. Technical Director, WNOK—TV, P.O. Box 5307, Columbia, South Carolina, 29205 (803) 776-3600.

Chief Electronics Engineer. Technical Advisor in the analysis, planning and implementation of a Remote Access Educational System. Responsibility for the performance and supervision of functions relating directly to the electronic services unit. Salary, \$17,000. Send references and résumés to: Arthur M. Sucheski, Manager, Instructional Media and Systems Division, Regional Occupational Center, 2300 Crenshaw Blvd., Torrance, Calif. 90501.

Electronic Engineer (General). GS-13-Knowledge of broadcast television systems, electronic test and production equipment used in television operations including transmission, switching, distribution equipment; sound and control, oscilloscopes, test generators, etc. Responsibilities will include monitoring of fixed and mobile television, and sound systems, recording equipment, transfer facilities and transmission. Submit résumé to: Civilian Personnel Office (G63-PDCPE), Norton Air Force Base, Ca. 92409.