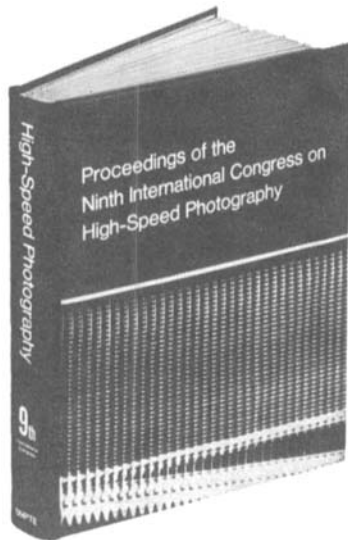


New advances in high-speed photography



The most recent advances in the technology of photo-instrumentation have been made available to the scientific community in the *Proceedings of the Ninth International Congress on High-Speed Photography*.

The volume includes the 107 papers presented at the Congress in Denver, Colorado on 2-7 August 1970, together with all pertinent discussion of the papers during the technical sessions. Subject areas covered in the volume are

holography and image-dissection cameras, lasers, rotating mirrors and streak cameras, light sources and x-rays, and high-speed photographic applications.

In addition, a Current Bibliography on High-Speed Photography, prepared by the Research staff of Eastman Kodak Company especially for the *Proceedings*, will prove valuable as a research tool. A report on the Congress, a list of delegates, and an index of authors and discussers complete the volume.

The book comprises 605 pages, 8½ x 11 inches, in hardbound edition. The price is \$40.00 each, with discounts to SMPTE members, libraries, and booksellers: 1 to 4 copies 20%; 5 to 49 copies 25%; 50 or more 33⅓%.

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1,200 ft of film with an output of 650 ft of 16mm film per hour (8 frames/s). Prices begin at \$7,400.



The Showchron Expandable Editing System developed by Showchron America, North Hollywood, Calif., has been announced by A.V.E. Corp., 250 W. 54 St., New York, NY 10019. The machine is an editing table of modular design permitting the editor to edit both picture and sound and synchronize dialogue, music and effects simultaneously. The soundtracks advance and retard in relation to the picture. The controls on the unit provide instantaneous stop-start or forward-reverse of both picture and sound. Other features include a digital readout counter for minutes and seconds, feet and frames, and advance/retard. Each of these three readings has a reset button. Modules on the basic four-plate machine can be assembled to provide one picture and three soundtracks or three pictures and one soundtrack with comparable arrangements possible on the expanded system. The machine is for 16mm film, but production of a 35mm machine is planned for October. Price of the basic four-plate 16mm model is \$5,200. It can be expanded to an eight-plate machine.

The Quik Splice 70mm system has been announced by Hudson Photographic Industries, Inc., 2 S. Buckhout St., Irvington-on-Hudson, NY 10533. The new Quik Splice consists of a 70mm splicing unit which has finely-honed, self-sharpening, ¼-in-thick stainless-steel cutting plates. Precut, sprocketed Mylar tapes in the same design used with other Quik Splice systems are matched to the splicer. Each tape is transparent and has a pressure-sensitive adhesive backing to prevent oozing and brittleness. A release paper protects the adhesive backing and permits accurate placement of the tape splice over the film being repaired. The Quik Splice 70mm system is priced at \$190.

The Hahnel SD 8, dual 8 splicer, a cordless, battery-powered motorized splicer for 8mm and super-8 films has been announced by Allied Impex Corp., 168 Glen Cove Rd., Carle Pl., L.I., NY 11514. The splicer has a high-speed (6,000-r/min) sapphire-coated, wedge-shaped scraping wheel to achieve a wedge-type, jump-free splice. Following the scraping procedure, with the pressure bar open to its widest point, the two scraped film ends can be cemented. A miniature bulb is positioned at the point at which the film ends meet to aid in the splicing, and the bulb's heat also speeds the drying of the cement. After the cement is applied, the pressure bar folds to its closed position. The splicer can be used for either sound or silent film. It is priced (without batteries) at \$39.95.

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