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## new products

(and developments)

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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 or services.

New models of the Spectra Universal, Professional and Combi incident exposure meters have been announced by Photo Research Corp., 3000 N. Hollywood Way, Burbank, Calif. 91502. Principal feature of the new models is an improved photogrid for reflected light reading designed to retain maximum meter sensitivity. The photogrid is standard equipment with the new Professional and Combi models and is optional with the new Universal at a price of \$7.50. Earlier Spectra meters may be adapted for use with the new photogrid at a price of \$12.00. In addition to the photogrid the price includes a new computer. Other new features include a more legible meter scale, a simplified computer and a revised instruction manual. Prices for the new models start at \$79.50.

Two new tungsten-halogen quartz focusing and non-focusing scoops, the "1000" and "2000," have been introduced by Berkey-Color-Tran, Inc., 1015 Chestnut St., Burbank, Calif. 91502. The focusing models feature a specially designed diffusion lens which produces a softer, more even beam pattern. When higher intensities are required the diffusion lens may be easily removed. Features include an integral stiffening frame providing for extra rigidity around the reflector front. The frame has a positive locking device to allow for simple and easy installation of the Diffusion/Gel Frame accessory. Prices for the focusing and nonfocusing fixtures range from \$75 to \$125.

The AKG F.E.T. condenser microphone modular system, built around a newly developed C-415E preamplifier has been announced by North American Philips Co., 100 E. 42 St., New York, N.Y. 10017, distributors. The preamplifier uses audio-frequency circuitry with field effect transistors, rather than tubes, to achieve low current consumption at low voltage. The unit incorporates a stabilizing circuit which limits the operating voltage to 9.1 V, independent of supply voltage. The supply voltage may range from 7.5 V to 52 V. It is fed to the microphone via a phantom circuit. The low supply voltage permits direct feeding from almost any commonly used amplifier. The C-415E system is priced at \$179, including microphone preampli-

fier, cardioid capsule, stand adapter and wind screen.

Filmoods Company, Box 475, Scarsdale, N.Y. 10583, has announced the release of Filmoods Volume 1, a 12-in. 33½ record containing 21 bands of music specially composed and recorded. Subjects range from action to romance, from comedy to mystery, from science to the sea. Playing times vary from 3½-min compositions to 5-s musical effects. The record is the first in a planned series. Purchase price of the records includes all rights for full use, such as dubbing, etc., without any restrictions, such as additional fees or reports. Volume One of the series is priced at \$9.95.

E-Z-See Zoom Scales providing an enlarged view of diaphragm and focusing controls have been announced by Birns & Sawyer, Inc., 6424 Santa Monica Blvd., Hollywood, Calif. 90038. The scales are designed to provide a convenient, clear and enlarged view of controls on the Angenieux 12-120 zoom lens results. The data rings can be positioned on the top, bottom or side for easier viewing. Price of the attachment is \$59.50.



A new 12-V dc battery weighing less than 5 lb has been announced by F&B/Ceco, Inc., 315 W. 43 St., New York, N.Y. 10036. The battery is designed with a special shape to fit the contour of the body. It delivers 4.0 Ah and can be used with the Eclair NPR camera with bloop, the Arri BL and the F&B/Ceco Cinevoice Conversion with Minisync. The battery contains nickel cadmium rechargeable cells. It has a built-in charger and indicator light. Charging time is 15 h from either 220-V or 110-V ac current and the system contains a constant current charger to prevent overcharging. The battery, complete with case, is priced at \$249.50.



A new film processor and a 126-size preplicator have been announced by 3M/Dynacolor Corp., Photofinishing Equipment



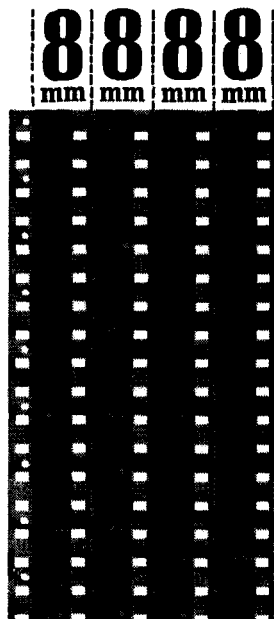
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Div., 634 Lexington Ave., Rochester, N.Y. 14613. The new processor, Model C-22, is capable of processing 126, 35mm or 828 film and, with modifications, 16mm, 8mm and super 8. Processing speed is over 25 ft/min or about 1,000 rolls/hr. Features include heavy-duty stainless-steel construction and standard, readily available, electrical and plumbing parts for rapid maintenance and inexpensive modifications. Other features include a "no material" and water pressure alarm system and solution temperature controls accurate to 2/10 of 1°. Price of the unit ranges from \$32,000 to \$36,000, depending on modifications.

The pre-splicer, Model M-1 126 (shown above), features an automatic take-up reel and an optical identification system which photographs the identification number on the twin check portion of film rolls. The pre-splicer handles up to 250 rolls/hr. It is priced at \$4,300.



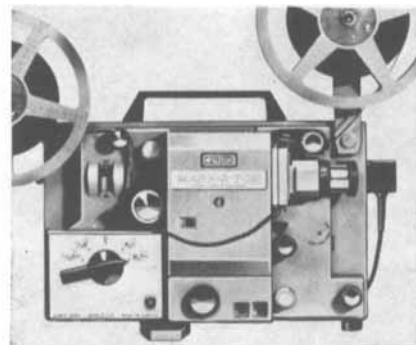
The **Lowell Grip**, **Lowell Clip** and **Lowell Water Weight** are among new products announced by **Lowell-Light Photo Engineering**, 421 W. 54 St., New York, N.Y. 10019. The grip is a new universal clamp and gobo head that fits on any size stand up to 1/2 in. and holds virtually any object from a thin rod to a 2-by 4-in. It tilts 180° and pans 360°. It is also one of the components in the **Lowell Link System** for essential lighting support and control equipment for location work.

The clip is used to attach electrical and microphone cables to stands, booms and pipes and also to secure cable coiled for storage and travel. A bag of 40 clips is priced at \$3.95.

The water weight is intended to eliminate transportation of unnecessary dead weight to location. It is a 6-oz "sand bag" that weighs 21 lb when filled with water. A special handle hooks onto stands and tripods for increased stability and safety. The weights are rugged enough to allow rough handling. They fold flat for travel. The price is \$3.95.

The new, all-electronic, solid-state analyzer, manufactured by **Eastman Kodak Co.**, has been installed at **Consolidated Film Industries**, 959 Seward St., Hollywood, Calif. 90038. The analyzer, used to determine correct color values for making Eastman color prints, uses a field-sequential system with a single-gun white cathode-ray tube and rotating filters specially selected to correlate with the dyes used in Eastman color positive stock. The color analyzer is in addition to the latest model of the **Hazeltine** color analyzer which CFI has also received.

A movable clean work station mounted on casters has been announced by **Agnew-Higgins, Inc.**, 7532 Anthony Ave., Garden Grove, Calif. 92641. Designated Model 468C, the unit is 6 ft wide and provides a work area 24 in. deep and 28 1/2 in. high. The work station has a laminar flow blower-filter system and has fluorescent lamps in the overhead canopy to provide 150 fc to the work counter. The unit is self-contained and requires only an electrical outlet for immediate operation. It is designed especially for applications where work stations must be relocated from time to time. The work station has an open-front design, inset work counter and Plexiglas side panels so that it can be aligned side by side with other identical units. The cabinet has an overall depth of 35 1/2 in. to enable it to pass through a 3-ft doorway. It is priced at \$1,257.



The **Mark-S-709**, a sound projector accepting both 8mm and super 8 film, has been announced by **Eumig (U.S.A.) Inc.**, 101 W. 31 St., New York, N.Y. 10001. Sound separation is 18 frames for super 8 and 56 frames for standard 8mm. Features of the new projector include the **Sound on Sound Auto Blend**. By pressing the appropriate key before recording, the projector is set for superimposition. Then, when speaking into the microphone, whenever and as often as desired, speech is automatically added to previous recordings. The projector weighs 22 lb and is 12 1/2 in. long, 5 1/2 in. wide and 8 1/2 in. high. It is priced at \$379.



The **Panacolor Projector** with a built-in rear projection screen has been announced by **Panacolor, Inc.**, 100 E. 42 St., New York, N.Y. 10017. Features include a film magazine with a two-hour capacity. The projector has a capstan drive, similar to that of a tape recorder, which, combined with a new optical prism system, replaces the usual claw pulldown and intermittent

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movement arrangement. Images can be projected in forward, reverse, stop, frame-by-frame or slow motion. Two remote controls are available, one of which is cordless.

Each magazine contains a strip of 70mm Kodak film. Twelve rows of images and 12 rows of optical sound are printed lengthwise on the strip. Each magazine can accommodate as many as six separate subjects, each up to 20 min in length.



A broadcast version of the IVC-100 color TV camera has been announced by International Video Corp., 67 East Evelyn Ave., Mountain View, Calif. The camera uses three vidicons and produces an NTSC color signal. A plate beam splitter is incorporated to provide accurate colorimetry without the need for trimming filters. The camera is designed to operate at light levels as low as 300 fc. Mirror positions and vidicon lateral and vertical positions are fixed. The viewfinder has a switcher that enables viewing of red, green or blue luminance signal. External features include

gain, pedestal, iris, zoom and focus controls as well as intercom jack and tally light. Camera resolution is 400 lines at the center and corners. A paper describing this camera was presented at the Society's 103d Technical Conference by Athey and Hobbs and appears on earlier pages of this issue of the *Journal*. The camera weighs 67 lb. It is priced at \$18,500.

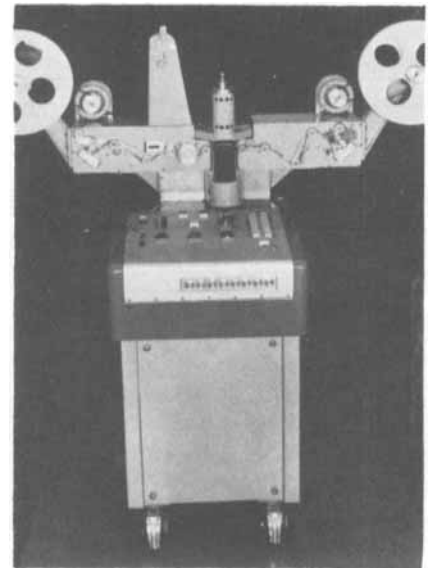


A color TV camera, Model 2970, and a color tape recorder, Model 2920, have been announced by Bell & Howell, 7100 McCormick Rd., Chicago, Ill. 60645. The recorder is capable of full NTSC color. It weighs 65 lb (including case) and operates in both horizontal and vertical positions. Features include pushbutton control for all tape motion functions and special positioning of the head to allow it to be replaced in less than 60 s without special tools. Prices

for the various models of the recorder range from \$4,200 to \$6,200.

The 2970 closed-circuit color camera features all solid-state circuits, a built-in integrated circuit sync generator and electronically regulated supply voltages to assure stability. The camera is priced at \$14,000.

The Cole Mark "C" paralleling deck is a product of Cole Instrument, Div. of F. H. Cole Enterprises, 2034 Placentia Ave., Costa Mesa, Calif. 92627. The paralleling deck can be included with standard switch decks to meet specific switch characteristics. A typical paralleling deck consists of 32 positions spaced at  $11\frac{1}{4}^\circ$ . Thirty-one of the positions are shorted together by a one-piece brush assembly, consisting of 31 fingers, which is connected to one collector ring. A separate finger brush which contacts the remaining position is connected to a separate collector ring. As the switch is rotated, the separate brush makes contact with each switch position and all other positions are shorted together simultaneously. The multiple finger brushes are solid one-piece construction with no mechanical or soldered joints and are equipped with silver contacts. Stator contacts and collector rings are all of silver.

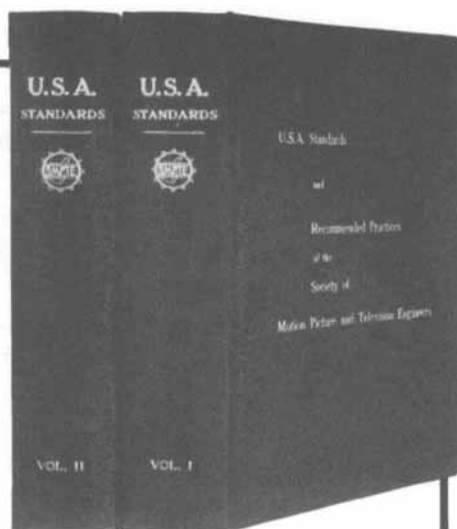


The Mikami Image Card Printer, a device for printing selected frames of 16mm motion-picture negative on cards for reference purposes, has been announced by Mikami & Co., Ltd., 10, 1-Chome, Kojimachi, Chiyoda, Tokyo, Japan. The machine accepts up to 1,200-ft rolls of processed 16mm negative film and prints photographic images on paper cards at pre-selected intervals. Such cards, when processed, can contain 20 photographic images which can be examined visually without mechanical aids. The images on the cards are slightly enlarged.

In operation, when the printer is loaded and the first negative frame positioned in the film gate, the interval selection button is pressed. The printer exposes, at pre-selected intervals (e.g., 5, 10 or 30 ft), 20 images per card. The exposed cards are automatically delivered to a take-up magazine and the space is filled by the unexposed cards.

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