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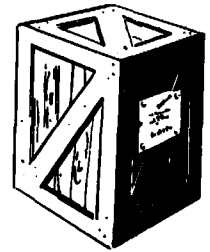
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**new
products**

(and developments)

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.



The Eastman 1635 Video Color Analyzer, an instrument designed to enable an operator to determine in seconds the necessary color and density corrections for all Eastman and Kodak professional motion-picture films, has been introduced by Eastman Kodak Co. The analyzer, shown for the first time at the Society's 104th Technical Conference in Washington, D.C., was designed and is manufactured by Photo Electronics Corp., Byram, CT, for Eastman Kodak Co. In operation, a positive or negative film inserted into the analyzer is scanned and electronically processed to provide a full-color positive image on a 5- by 5-in cathode-ray tube. At the same time a reference transparency may be displayed on the analyzer's built-in rear-projection screen. Timing dials, calibrated in Log E increments to match motion-picture printers can be adjusted by the operator to select the most desirable color balance for printing. The analyzer can also be used to detect unprintable negatives without test printing. When a film is to be printed, the recorded control settings can be punched into a color printer timing tape for use on the motion-picture printer. Solid-state circuitry is used and plug-in circuit boards and easy-access panels provide for ease of maintenance. The video color analyzer is priced at \$33,000.

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A 35mm cine-pulsed data recording camera called Datacord RZ-15 has been introduced by Traid Corp., 777 Flower St., Glendale, CA 91201. The instrument is designed for operation under extreme environmental conditions. Frame rates are 10, 20 and 40 frames/s cine operation and pulse operation to 16 frames/s. Features include rotating disc shutter, ball bearing movements, base, top and side mounting and a 100-ft daylight loading internal film spool. The case, of shock-resistant cast aluminum, has a 35mm Eyemo lens mount. The RZ-15 is priced at \$2,175.



A 16-35-70mm portable viewer/reader designated the PVR has been announced by Traid Corp., Photo Instrumentation Div., 777 Flower St., Glendale, CA 91201. It is a table-top rear-projection unit 18 in high weighing less than 100 lb. It has its own 12- by 14-in screen or it can be used as a wall projector. It also has detachable legs so that it can be used free standing if desired. Cine motion is variable up to 24 frames/s and film capacity is 400 ft. Single-frame advance in pulse mode is $\frac{1}{2}$ s and all functions are bi-directional. The 5-digit frame counter is resettable to zero. It is priced at \$6,100.

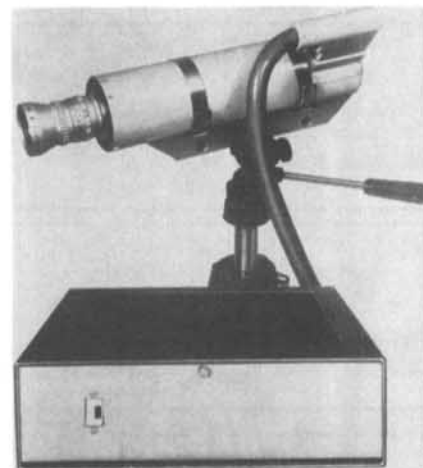


A one-tube color TV system employing a single vidicon in conjunction with a special color-encoding optical filter has been introduced by Radio Corp. of America. Three models of the one-tube color camera will be available: the PK-730 for studio use, the PK-710 designed especially for film use, and the PK-701 designed for closed-circuit use in educa-

tion and industry. The new system uses striped color filters and "innovative electronics" to recover the color information for processing by standard color-signal handling methods. Light from the scene to be televised passes through the optical filter on its way to the vidicon. The filter detects the red and blue components which, when subtracted from the whole image, leave the green component. The red-blue-green image is delivered whole to the tube face (target) where it is scanned and converted into an electrical signal. When processed by appropriate circuitry, it emerges as a standard (NTSC) color signal. The PK-730 weighs less than 50 lb and is 19½ in long, 8 in wide and 13 in high. It will be priced at \$9,850 including zoom lens. The PFS-710 system includes the camera, a 16mm sound projector, slide projector and multiplexer. It will be priced at \$9,850. The PK-701 will be priced at \$6,500.



The V10X15 zoom lens for television has been announced by Canon USA Inc., 64-10 Queens Blvd., Woodside, NY 11377. The lens has a speed of $f/2.8$ and a focal length of 15mm to 150mm with full-closing iris. The lens is also available with flexible cable drive or rear control zoom rod assemblies for viewfinder cameras. It is priced at \$775.



A two-piece vidicon camera, Model STV-602, has been announced by Westinghouse Electric Corp., Specialty Electronics Div., P.O. Box 8606, Pittsburgh, PA 15221. Designed for closed-circuit applications, Model STV-602 is a multiple-scan (525 to 1029), high-resolution (1000 lines at 525 scan rate) camera system comprised of a cylindrical camera head and a rectangular camera control unit. The camera head is 2¾ in in diameter, 9½ in long and weighs 3 lb 4 oz. It is provided with a "C" mount lens, although special adapter plates permit the use of a variety of lenses. An in-line rear-mount

Cannon Connector and 40 ft of flexible cable for mating to the Camera Control Unit and a tripod mounting bracket are included. The control unit is 15 in long, 12¼ in deep, 5½ in high and weighs 18 lb 10 oz. Ninety-five per cent of the circuitry is mounted on coded plug-in circuit boards. Critical power supplies are electronically regulated to provide high stability. A 4-lens turret attachment provides for rapid changes of viewing angle. The STV-602 is priced at \$2,850.



A new slide projector, Model SLR-TV, designed for television chain integration has been announced by Spindler & Sauppe Inc., 1329 Grand Central Ave., Glendale, CA 91201. The unit is a 48-slide single-magazine projector which may be operated sequentially in either forward or reverse direction. It is designed for use with black-and-white or color multiplexers or direct projection onto a television camera tube face. Slide change time is 1 s. Features include automatic dousing during slide change, continuous cooling of the lamp and both sides of the projected slide, uniform illumination over the slide area, 500-line resolution minimum, and a choice of 200 or 500-W projection lamps. Model SLR-TV is priced at \$577. Price does not include the lens.

A new sound movie cartridge for the Model 1000 super 8 Instant Movie Projector has been announced by Technicolor, 1300 Frawley Drive, Costa Mesa, CA 92727. The new cartridge will hold up to 220 ft of super 8 optical sound film with a maximum running time of 10 min. It can be used interchangeably in the same projector with Technicolor's 580-ft 29-min Movie Cartridge.

The Mini Slate, a compact, spring-loaded clap-stick slate combination, small enough to be used automatically with one hand, has been announced by SOS Photo-Cine-Optics, Inc., 311 W. 43 St., New York, NY 10036. The slate is operated by cocking the spring-driven clapstick and pressing a top-mounted lever that automatically releases the clapstick. The slate is enclosed in a plastic jacket upon which data can be written in grease pencil and later wiped off. The Mini Slate is priced at \$12.50.

The Gotham Monitor Speaker, Model OY, manufactured in Germany by Klein and Hummel, has been announced by Gotham Audio Corp., 2 W. 46 St., New York, NY 10036. Model OY is a wall-

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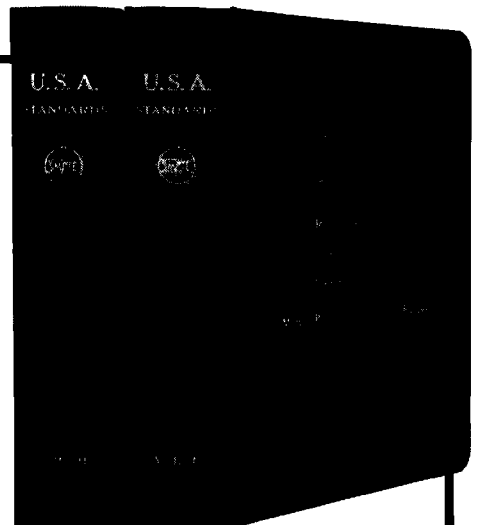


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