

We Need One Scientist Who Might Be A...

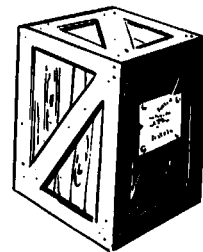
- PHOTOGRAPHIC SCIENTIST
- PHOTOGRAPHIC PHYSICIST
- IMAGE ANALYST
- IMAGE EVALUATION PHYSICIST
- IMAGE RESEARCH SCIENTIST
- ELECTRO-PHOTO-OPTICAL
IMAGE PHYSICIST
- PHOTO-ELECTRONIC
IMAGE RESEARCH SCIENTIST
- IMAGE PROCESSING PHYSICIST

We are not quite sure which name best describes the one scientist we seek to join our research group. Nonetheless, these designations imply the many-faceted research activities summoning your contributions.

If you are intrigued or think there is even a loose fit between your capabilities and our needs, we encourage you to contact us.

Mr. Walter E. Glasser, Manager of Professional Staffing, The Perkin-Elmer Corporation, Main Avenue, Norwalk, Connecticut. An equal opportunity employer.

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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.



The Concord VTR-600, a solid state, push-button-controlled, helical-scan video-tape recorder has been announced by Concord Electronics Corp., 1935 Armacost Ave., Los Angeles, Calif. 90025. The 52-lb recorder has dual rotating heads and uses $\frac{1}{2}$ -in. tape at a speed of 12 in./s. Features include a pushbutton method of cleaning recording and playback heads and a method of setting video signals visually through the monitor. The VTR-600 is priced at \$1,150. The complete system with television camera and monitor is priced at \$1,610. The camera has simultaneous RF and video output and so may be used for closed-circuit. The monitor has a 9-in. picture tube. The system is used for live recording, playback of recorded material and for standard TV broadcast reception.

A Universal Matte Box for Arriflex 16S and 16M cameras has been announced by Arriflex Corp. of America, 25-20 Brooklyn-Queens Expressway West, Woodside, N.Y. 11377. The matte box is designed to accommodate modern lenses with large front lens element construction. Standard filters as large as 4 by 4 in. may be used. The matte box has two filter stages, one stationary and one rotating for use with polarizing filters.

A new support bracket for the Angenieux 25-250mm zoom lens has been announced by Zolomatics Corp., 5875 Melrose Ave., Hollywood, Calif. 90038. The bracket fits under the Arriflex 35mm camera. A motorized control is incorporated to operate the zoom movement to give the lens maximum rigidity. Price of the combined bracket and control is \$425.

A new polypropylene film tape designed for packaging, laminating and splicing applications has been introduced by Permacel Division of Johnson & Johnson, New Brunswick, N.J. Designated EA-7024 Polypropylene Film Tape, it is said to be unusually strong with a backing thickness of 1 mil and an overall thickness of 2 mil. It is reported to have adhesion of 25 oz/in. width and heat stability to 250 F together with moisture resistance. It is available in a wide variety of widths and lengths.

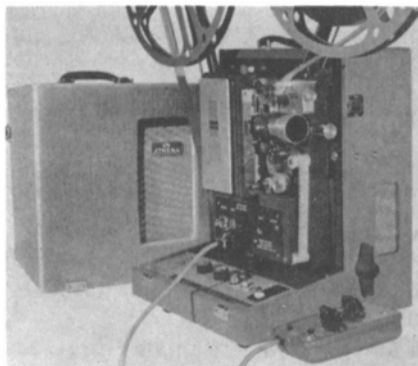
The Agfa-Movex Reflex Automatic S super 8 camera has been introduced in Germany by Agfa-Gevaert AG, of Leverkusen. The camera features automatic exposure control via CdS resistor; automatic aperture setting visible in viewfinder; electric motor drive powered by four batteries with a life of 20 rolls exposed at 18 frames/s; fixed focus 13mm $f/2.4$ lens; hand grip; and standard built-in super 8 color conversion filter. The camera is priced at DM 228 (about \$57). Also announced was a kit that combines the camera with a cassette of Agfacolor CK 17 super 8 reversal film and a 375-W Cine-Agfalux lighting unit which fits a socket in the top of the camera housing, automatically displacing the color film conversion filter. Price of the kit is DM 298.80 (about \$74.70).

The 8mm Autoload projector, Model 456, designed for use with both super 8 and regular 8mm formats, has been announced by Bell & Howell, 7100 McCormick Rd., Chicago, Ill. 60645. Changeover from one 8mm format to another is accomplished by pushing a film format selector lever located on the front panel of the projector. It is possible to splice both types of 8mm film together on a single 400-ft reel, the announcement stated. The projector stops automatically at the splice so the user can shift to the new format. Model 456 is priced at about \$149.95.

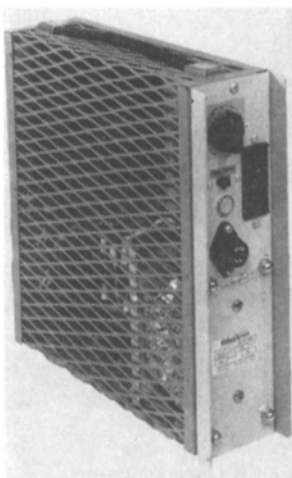


A 16mm Autoload projector, Model 566, has been announced by Bell & Howell, Audio-Visual Sales Dept., 7100 McCormick Rd., Chicago, Ill. 60645. The projector is designed especially for large auditorium showings and incorporates a special light source called Marc 300, designed by General Electric Co. The projector is equipped

with a 2-in. $f/1.4$ Super D Proval lens and can be interchanged with a telephoto 4-in. $f/1.6$. It will also accept the anamorphic adapter for showing CinemaScope prints. The price is about \$1,550.



A 16mm stop-motion sound projector, a re-engineered version of the Kodak Pageant projector, has been announced by L-W Photo, Inc., 15451 Cabrito Rd., Van Nuys, Calif. Called Model 224-Athena, the machine provides automatic projection at pre-selected speeds of 1 to 24 frames/s forward. The sound cuts off instantaneously at all other operating speeds and reverse. The projector has been designed to eliminate flicker at all speeds. Features include still (frame by frame) projection with push-button control. A 5-digit illuminated frame counter adds or subtracts. The audio system utilizes an all-transistorized printed circuit amplifier providing 24-W output. Microphone and phono inputs allow the audio section of the projector to be used as a PA system.

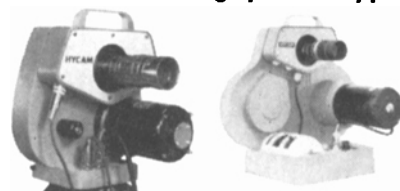


A new series of ColorTran portable, individual electronic dimmers has been announced by Berkey Technical Corp., 1015 Chestnut St., Burbank, Calif. 91502. The dimmers incorporate an integral dimming control potentiometer and have provision for remote control up to 1000 ft from the unit. The dimmers are available in 1,000, 2,000, 3,000 and 6,000-W capacities for 120-V lamps and in 1,000, 2,000, 5,000 and 10,000-W capacities for use with 230-V lamps. Features include solid-state circuitry with silicon symmetrical switching devices to provide steady, prompt response. The efficiency factor is said to be in excess of 95%. Protection against short circuits as

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well as line transients is provided and the units may be hot patched to the full-rated capacity. Prices range from \$96 to \$400. Remote-control units are available for controlling one dimmer or six dimmers. Prices for the control units range from \$15.50 to \$100.

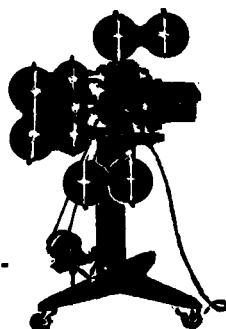
A new solid-state sweeping oscillator covering 460 to 960 MHz has been announced by Telonic Industries, Inc., 60 North First Ave., Beech Grove, Ind. Called Model 3005, the oscillator is designed for use with the SM-2000 generator chassis designed to provide swept frequencies from DC to 3000 MHz, depending upon the oscillator used. Capable of providing a sweep width of 5 to 500 MHz, the 3005 can show frequency response over a narrow spectrum or its entire range. Scanning may be manually controlled to check any portion of the display or internally controlled varying from 0.01 to 100 Hz, or externally controlled. It is priced at \$750.

An audio-visual slide projector called the Monitor 961 has been announced by Bell & Howell, 7100 McCormick Rd., Chicago, Ill. 60645. Features include a lighted preview screen and electric-eye focusing. Advantage of the preview screen is that the operator is enabled to see each slide as it will be projected immediately before it appears on the screen. The electric-eye mechanism automatically monitors each slide to keep it in focus. Each Monitor 961 is provided with a 100-slide rotary tray. The projector is priced at less than \$170.

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- 35MM BELL & HOWELL MODEL DA
- 16MM BELL & HOWELL MODEL JA, WITH PETERSON SOUNDHEAD
- 16MM BELL & HOWELL MODEL J, WITH HURLETRON AUTOMATIC LIGHT CHANGE BOARD AND FADE UNIT
- 16MM BELL & HOWELL MODEL J, WITH HURLETRON AUTOMATIC LIGHT CHANGE BOARD
- 35/16MM DEPUE MODEL 3K OPTICAL-PICTURE REDUCTION PRINTER
- 35/16MM DEBRIE OPTICAL-PICTURE REDUCTION PRINTER (2-16MM PRINTS)



FOR RENTAL

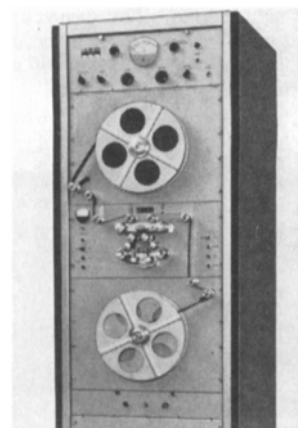
FILM PROCESSORS

- 35/16MM HOUSTON FEARLESS SPRAY PROCESSOR
- 35MM HOUSTON FEARLESS SPRAY PROCESSOR
- 16MM MPE MODEL 111 FILM PROCESSOR



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A recording system that can accept reels up to 5,000-ft capacity has been announced by Wide Range Electronics Corp., 12200 Dorsett Rd., P.O. Box 1126, Maryland Heights, Mo. 63042. Features include automatic rewind power cut-off switches. A versatile film transport system permits use of 16/17½, 35mm, a combination of any two, or all three film sizes on one machine, the announcement stated. The system's electronics can be of the tube type or of silicon solid-state circuitry. Magnetic head assemblies are interchangeable plug-in type for 16/17½ and 35mm film. Features also include multitrack operation up to 6 channels with 35mm film and 2 channels with 16mm film.