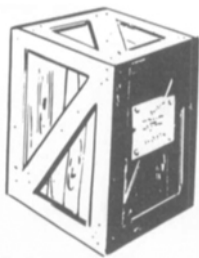
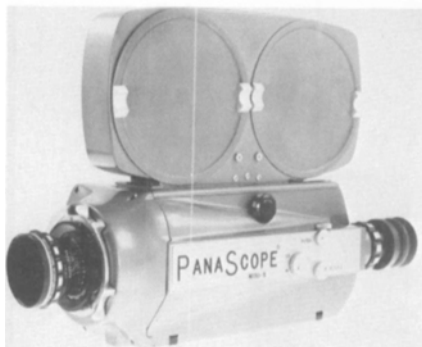


new products

(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 Panascope® Mini-B 35mm self-blimped studio reflex camera has been announced by Cine Precision Engineering Co., 1038 North Highland Ave., Hollywood, CA 90038. The camera is driven by PIC timing belts. Features include a rotating mirror shutter, reflex viewing, crystal-controlled battery-operated servo motor, and quick-release 200-, 400-, and 1000-ft film magazines. The camera has a BNCR bayonet type lens lock, built-in dovetail to accommodate zoom lens support, matt box or a follow-focus unit. The mid rib of the camera, which accommodates the entire moving mechanism including the optical system, is suspended and is isolated by rubber shock mounts from the camera box or soundproof housing which acts as a blimp.

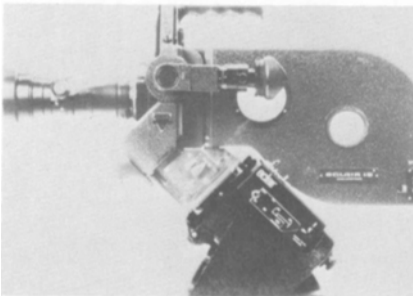
The camera has a BNCR positive pin registration movement, an electronic footage and frame counter, and a film buckle trip switch. The camera weighs 26 lb. It has a dB rating of less than 30. The price is \$27,500 for the basic camera unit. The 400-ft magazine is priced at \$650 and the 1000-ft magazine at \$950.

The new Cooke Varotal 20-100mm T3.1 zoom lens for professional 35mm cinematography is distributed in the United States exclusively by Cinema Products Corp. The new lens permits close focusing at 13 in from the front of the lens. At this distance the cameraman can zoom from an angle as wide as 58° to 12° narrow. The lens has a built-in gel filter slot, supplied with a filter holder; a full aperture "push plunger" for convenient viewing which, when released, can return automatically to the preset stop; and a fixed-front focusing element with a built-in rectangular mask which acts as a ray shade. The lens provides extremely high resolution throughout the entire zoom range of 20-100mm. It is said to be re-

markably flare free with high efficiency anti-reflective coatings on all elements for maximum contrast and reduction of flare.

The lens is equipped with a follow-focus gear and a built-in zoom gear compatible with the Academy Award winning Cinema Products J-4 "Joy Stick" zoom control. Accessories, also available from Cinema Products, include a special carrying case, filters, the J-4 "Joy Stick" zoom control and motor-to-lens mounting bracketry. The Cooke Varotal 20-100mm T3.1 zoom lens, supplied with BNCR-type mount, is priced at \$10,750. The lens can be adapted for use with 16mm and super-16 cameras.

Other lenses distributed exclusively in the United States by Cinema Products include Canon aspheric prime lenses, the K-35 Macrozoom and the (soon to be available) high-efficiency, multi-layer, anti-reflective coated (HEC) Angenieux 20-120mm zoom lens.



The Beala III, an improved motor for the Eclair NPR, has been announced by E-Cam Company, P.O. Box 3955, North Hollywood, CA 91609. It is presently the factory-installed motor for the NPR but it can be purchased as a separate item and can fit all NPRs now in use. The new motor can be used with all international filming standards of speed and frequency. Improvements include new ball bearings replacing older self-lubricating bearings; improved electronic starting circuit; photovoltaic instead of magnetic capacitors; a crystal oscillator; heavy-duty power electronic circuits; humidity protection; and MJE 1660 power transistor. The Beala III is priced at \$2,750.



The Cinevid-16, a compact and lightweight videocamera which may be easily attached to the CP-16R reflex camera for video-assisted filming, has been announced by Cinema Products Corp., 2037 Granville Ave., Los Angeles, CA 90025. The Cinevid-16 measures 2¼ by 3¾ by 5 in and weighs 1 lb 13 oz. Because of its compactness and light weight it does not affect the handheld capabilities of the CP-16R. The Cinevid-16 picks up the image directly from the CP-16R reflex ground glass

and transmits it to any number of commercially available remote monitors. The image may also be recorded on a videotape recorder to provide instant dailies.

Without interfering with the CP-16R reflex optics system, the access cover on top of the CP-16R is replaced with a relay lens and a quick disconnect bayonet lock. When video-assisted filming is desired the video camera is attached by means of the quick disconnect lock. The image coming through the lens of the CP-16R is then transmitted through the relay optics to a ⅔-in silicon matrix tube in the Cinevid-16. A video image of 400 TV lines (minimum) is accomplished with no loss of visible light in the CP-16R viewing system. An adjustable iris is included in the relay optics so that the sensitivity of the video system can be adjusted to the ASA rating of the film being used. A power supply unit supplied with the video-assist camera permits dc operation with a 12-V battery or 120-240-V operation from ac mains.

The Cinevid-16 video-assist camera is priced at \$3850. The price includes factory installation of relay optics and bayonet locking device to CP-16R cameras equipped with the standard information display; there is an additional cost to retro fit pre-1975 CP-16R reflex models not equipped with the information display.



A portable video system for on-location coverage of documentary and live news events has been announced by Ampex Corp., 401 Broadway, Redwood City, CA 94063. The system consists of the Ampex BCC-2 handheld color camera, associated portable VR-3000B battery-powered videotape recorder/reproducer and TBC-900 digital time base corrector. The camera head weighs 15 lb and comes with a shoulder support, 17-lb backpack and harness. The camera has three 1-in Plumbicon™ tubes including an extended red.

The 55-lb VR-3000B is an improved version of the Ampex VR-3000. Adapted to provide full color playback capabilities when teamed with the TBC-900 the new recorder can record at both 15 and 7.5 in/s. Existing VR-3000 recorders can be adapted to the "B" version by means of a field modification kit to be compatible with the TBC-900. The VR-3000B includes automatic backup and restart logic that puts recorded segments immediately next to each other on the tape. Provision is also made for phase continuity of each new section of control track. Thus, tapes are immediately available for on-air playback on the VR-3000B or any other quad VTR.

The TBC-900 time base corrector provides direct color recovery and stable playback from the VR-3000B. The portable broadcast system is priced at about \$125,000. The modification kit for the VR-3000 is priced at \$7950.

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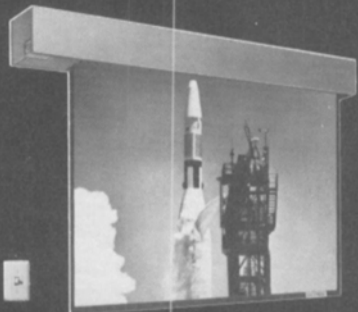
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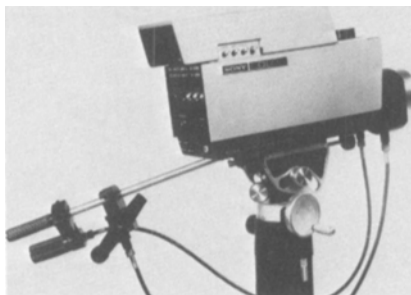
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The **BCC-1**, a ruggedly-designed broadcast color camera for studio or on-location use has been announced by Ampex Corp., 401 Broadway, Redwood City, CA 94063. Features include a durable cast aluminum case, improved optical assembly, automatic centering, tiltable viewfinder, 1000-h stability and one-man technical setup. Of modular construction, the BCC-1 is 22 in long, 19 in wide, 11 in high and weighs 79 lb without lens and viewfinder. The optical assembly is suspended on a single front casting, its rugged design protecting the optical elements from contamination from light or dust. A hook-on lens mount with one-point suspension permits quick lens change and provides greater mechanical stability. A five-position filter wheel is sealed in the light-proof assembly to accommodate extreme changes in color temperature.

The viewfinder can be detached or can be rotated to either side. A return viewfinder feed enables the operator to view the same picture on his viewfinder that the director sees on the switching monitor. The camera has an extended red Plumbicon™ to assure true reds in all lighting conditions both indoors and out. A bias-lighted prism is incorporated to reduce image lag under adverse lighting conditions. A new digital intercom system improves voice communications between camera operator and director.

The modular CCU features an improved encoder and a two-line image enhancer. Control panels are also modular and can be rearranged or interchanged. Several operational remote panels are available optionally.

Prices for the BCC-1 range from \$70,000 to \$107,000 depending on accessories.



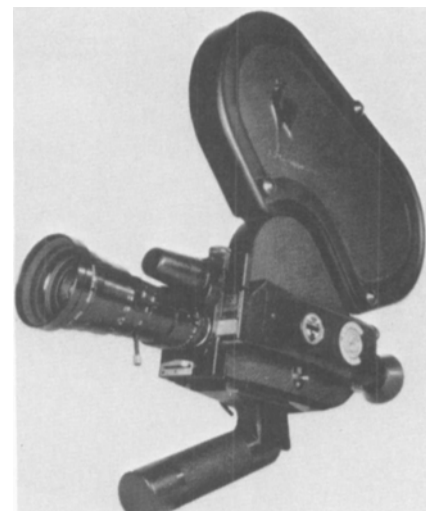
A flexible cable lens drive system for the Sony DXC-5000 color camera has been announced by East Coast Camera Center, Inc., 248 Lafayette St., New York, NY 10013. The system is intended to give the camera operator freedom and individual control of zoom and focus. The zoom and focus handles can be attached to a dual-handled tripod head. Price of the drive system including flexible cables, zoom handle and clamp, and focus handle and clamp is \$600. (East Coast Camera Center is represented by Video Components, Inc., 601 S. Main St., Spring Valley, NY 10977.)

A portable television camera, the IVC-7000P, which can operate up to 200 ft from its backpack, has been announced by International Video Corp., 990 Almanor Ave., Sunnyvale, CA 94086. The camera uses 1-in Plumbicon™ tubes and provides 675 lines of resolution and an SNR of 51 dB. It weighs 14 lb without the lens and the companion backpack weighs 17 lb. The camera with its backpack is automatic and self-contained yet provides production control at the backpack if required. It can be used in a studio as well as



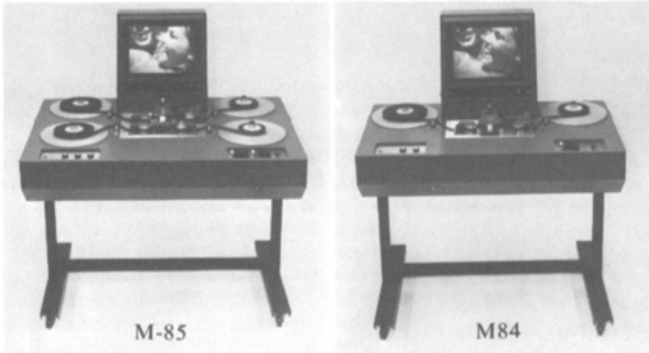
on location and can be tripod mounted. The backpack operates up to 2,100 ft from the base station on minicable, 3,000 ft on standard cable, 5,000 ft on triax and further on microwave. Camera batteries will permit up to 4 h operation without recharging. The camera can operate from any dc power source from 9 to 15 V or from an ac source. Camera features include prismatic optics, advanced automatic iris, color balance and contour enhancement. The IVC-7000P is priced at \$48,500.

The Model GRL/HL-33NC Battery Pack and GRL/HL-33NCT Single-Channel Charger have been announced by General Research Laboratories division of Frezzolini Electronics Inc., 7 Valley St., Hawthorne, NJ 07506. The battery pack was designed specifically for use in the backpack power unit of the Ikegami HL-33 or HL-35 TV broadcast color camera. The battery contains 24 "D" cells to provide 4 Ah. The charger has a built-in timer for automatic charging of the battery pack in less than three hours. The GRL/HL-33NC battery pack is priced at \$575. The charger is priced at \$812.50.



A fiberglass magazine for Pathe double super-8 or 16mm cameras has been announced by Karl Heitz, Inc., 979 Third Ave., New York, NY 10022. The magazine, which weighs 4 lb, accepts 400-ft film rolls on core or daylight-loading reels. It has an integral electric torque motor and footage counter. At 24 frames/s it extends uninterrupted filming to 11 min with 16 mm film or 40 min with double super-8 film. The price is \$599.

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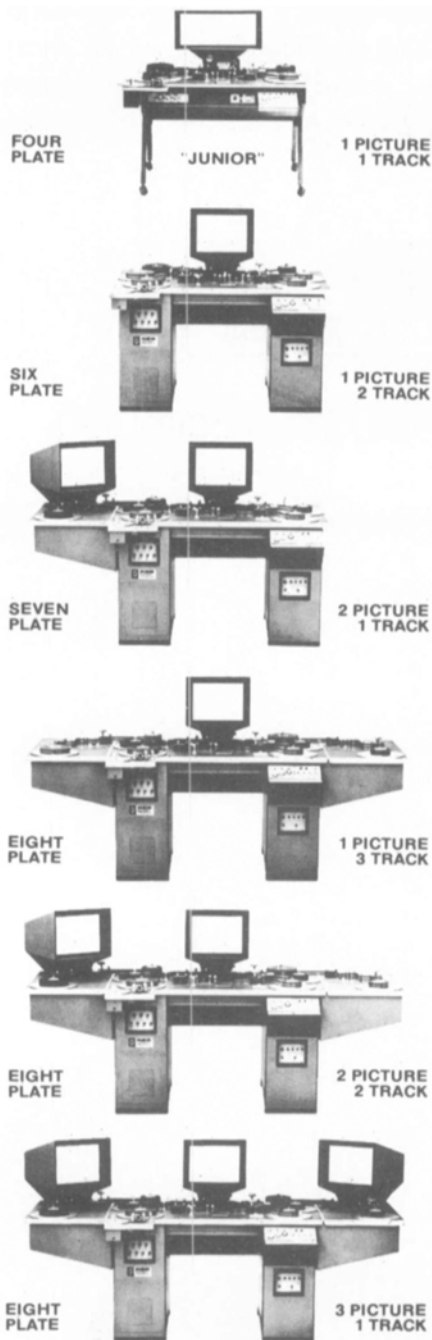
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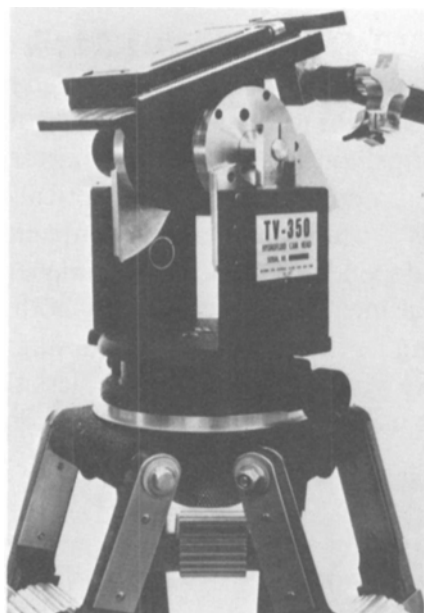
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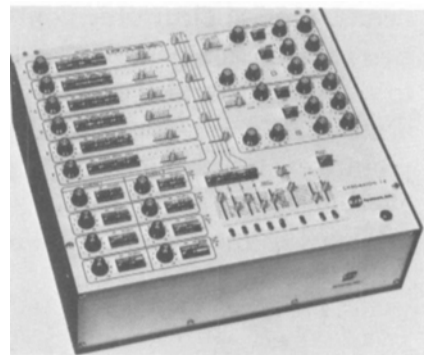


A fluid pan-tilt head developed for use with the new portable and small (up to 50 lb) color TV cameras has been announced by Television Products Div., National Cine Equipment, 4140 Austin Blvd., Island Park, NY 11558. Designated the N.C.E. TV 350, the fluid-cam head incorporates springless cam type counterbalancing with the smooth pan and tilt fluid action. Features include adjustable variable fluid damping and all-temperature hydrofluid movement (operating range from -60° to $+350^{\circ}$ F). Other features include heavy ball bearing construction, camera balancing adjustment and quick release camera mount. The head can be mounted on all tripods and pedestals. Price of the N.C.E. TV 350 is \$1495. The price includes one pan handle, standard base and quick release.

The NCE Model SLW fluid head designed for use with motion-picture and video cameras up to 50 lb has been announced by National Cine Equipment, Inc., 4140 Austin Blvd., Island Park, NY 11558. Utilizing the Hydrofluid movement (usable in temperatures ranging from -60 to $+350^{\circ}$ F) for smooth pan and tilt action, the head (5 in wide and 6 in high) incorporates an anti-dumping, counter balancing tension spring to eliminate problems caused by heavy and high-center gravity cameras. Features include a cam-action dovetail quick release as well as quick position balancing, variable fluid tension in both pan and tilt, integral ball leveling base, positive pan and tilt locks and right, left or dual adjustable length and angle pan handle operation. The price is \$925.

The Video Processing and Color Correction Accessory for the RCA TK-28 telecine camera system has been announced by RCA Government and Commercial Systems, Moorestown, NJ 08057. Designed to provide an extended range of color correction to the TK-28 telecine camera, it can be adapted to existing as well as to new cameras. The accessory is composed of two modules which replace the existing processor module in the TK-28 camera and provide all video processing, flare correction, shading correction and master

gamma selection for the system. In addition the new accessory provides control of differential gamma errors and video processing for negative color film. The accessory is priced at \$7500.



The Chromaton 14 Video Synthesizer, a device used to produce animated video graphics in motion and color, has been announced by B.J.A. Systems, Inc., 7819 Deerrun Rd., Philadelphia, PA 19118. The device accepts one or two monochrome TV signals. It can colorize black-and-white scenes in five discrete colors. Four invisible levels, similar to the animator's acetates and the solid background are simulated. Segments of the display obtained from the cameras and internal generators can be placed on any or all of the four levels. Each level and the background are assigned a color by the operator. The level concept together with other features provide an electronic animation capability. The unit can connect to any existing studio system using studio sync or it can operate as a separate unit by connecting it to a color monitor through the use of an accessory built-in digital color sync generator. The Chromaton 14 is priced at \$4995. The optional internal color sync generator is priced at \$450. (B.J.A. Systems, Inc., is represented by Video Components, Inc., 601 South Main St., Spring Valley, NY 10977.)

Four new scanning microdensitometers have been announced by Joyce-Loebl Instruments, 20 South Ave., Burlington, MA 01803. The Microdensitometer 3 CS is a high resolution flat bed instrument which scans the specimen and plots density vs position in the form of a graphical trace on an integral chart recorder. A number of extra modules and attachments are optionally available. The price range is \$16,000 to \$45,000 depending on the options.

Sandig 2 is a high-speed scanning microdensitometer. It accepts flexible photographic film and scans it rapidly with high positional and photometric accuracy. The photographic data is converted to a digital form suitable for data processing. Various options are available. The price range is \$30,000 to \$62,000.

Microdensitometer 4 is a flat bed scanning system. It has a large specimen table and three modes of sample viewing allow rapid target acquisition on large and small specimens. Measurements are made at data rates up to 5 KHz. The instrument is wired so that it may be interfaced to data acquisition or data processing systems. The scanning pattern is controlled either by a computer or a hard wired logic unit. Various options are available. The price range is \$60,000 to \$100,000.

Microdensitometer 5 is a linear instrument

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1. "DILLINGER"
"Dillinger": Interview with John Milius; Hans Richter: Learning from Film History; Filming the Watergate Hearings; Conversation with Conrad Hall; VT Book Reviews; Build a Mini-Slate; Filming Weddings for \$\$\$; New Sound Equipment
2. TRUFFAUT & "DAY FOR NIGHT"
Interview with Francois Truffaut; Conversation with John Hancock ("Bang the Drum Slowly"); "The Art of Walt Disney" book review; Build a Projection Booth; Slides That Move; Post-Flashing Reversal Stock; Pre-production Planning; Low-Budget Financing
3. THE FILMING OF "MEAN STREETS"
"Mean Streets": Interview with Martin Scorsese; Multi-Media: "Les Troyens"; Visit to the Disney Studio; "Jonathan Livingston Seagull": Interview with Hal Bartlett; Changing the World for \$25,000; Production Continuity.
4. "SERPICO"
"Serpico"; Wolf Mankowitz: The Art of Screenwriting; The Films of Fred Wiseman (Interview); Time-Lapse VT Recording; Filming on Speculation; Fluid Animation; Shooting Day-for-Night
5. GEORGE LUCAS & "AMERICAN GRAFFITI"
Interview with George Lucas; Interview with Claude LeLouch; Build a Short-Sorting Peg Board; Distributors vs. Filmmakers; Product Report: Audio Wireless Mic System; Aerial Cinematography

6. THE ART OF MAKE-UP: "THE EXORCIST"
"The Exorcist": Interview with Dick Smith; Film Students Now and Then; Making "Conrack": Interview with Martin Ritt; The Hollywood Cartoon; Build Synchronizer Sound Heads; Filming with Super 8 Sound; Are you ready to make \$\$\$ in Filmmaking?; Light Control Media
7. COPPOLA & "THE CONVERSATION"
Interview with Francis Ford Coppola; Chris Newman: The Art of the Soundman; Student Filmmaking; Crystal Sync for Beaulieu S-8; Making \$\$\$ in Videotape; Build a Better Bench; Film Grants-Part 1; Light Control Media-Part 2
8. TERRENCE MALICK & "BADLANDS"
Interview with Terrence Malick; R.D. Laing & "Asylum"; Shamus Culhane: Animation History; Build a Shoulder Brace; Light Control Media-Part 3; Film Grants - Part 2
- 9./10. THE ART OF COMEDY: WOODY ALLEN & "SLEEPER"
Sugarland Express: Interview with Steve Spielberg; TVTV: "Lord of the Universe"; 1974 Equipment & Services Directory; Rx for Stock Music Blues; Shooting Night for Night; Video & Multi-Track Audio
11. "THE WHITE DAWN"
"White Dawn": Interview with Director Phil Kaufman; "The Parallax View": Interview with Alan Pakula; Build a Mobile Rack; Film is What 24 Times A Second?
12. ROBERT ALTMAN & "CALIFORNIA SPLIT"
Interview with Robert Altman; Albert Whitlock: The Art of the Matte; Filmmaking in Israel; Camera Shutters; Making Industrial Videotapes; Synchronizing Multiple Projectors

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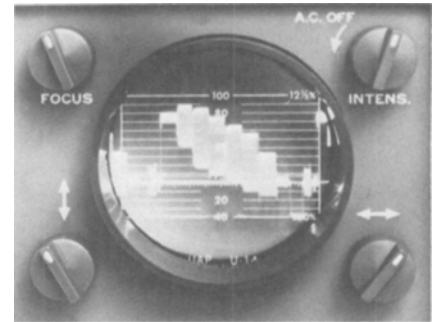
featuring a linear optical system capable of resolving 1000 line pairs/mm. The flat bed specimen stage is fitted with laser interferometers on both the X and Y axis allowing positioning the stage to half a micron. Because the stage can scan at skew angles, it does not require a rotary insert; therefore roll film can be mounted on a carriage independent of the scanning stage thereby avoiding unnecessary stresses and strains on the stage. The system utilizes three lasers operating at different wavelengths to facilitate accurate color separation. The system is available with full computer control and interface to a Nova 1230 Computer System. Various accessories are optionally available. The price range is \$250,000 to \$400,000.

The **J6523 1° Luminance Probe** for the J16 Photometer/Radiometer has been announced by Tektronix, Inc., P.O. Box 500, Beaverton, OR 97005. The 1° acceptance angle expands the J16's capability. The probe can be used for measuring a very small spot — as small as 0.31 in at 18 in from the probe — or a small, distant area of light. The J6523 has an optical sighting system with a 9° field of view. The probe measures 4.7 by 2.6 by 9.2 in and weighs about 2.5 lb (about 5.5 total with the J16). It may be attached to the J16, used with an optional extender or mounted on a tripod or optical bench. The J6523 is available in two versions, one with a measurement range of 0.1 to 19,900 fL and the other with a metric measurement range of 1 to 199,000 cd/m² (nits). The price for either version is \$850.

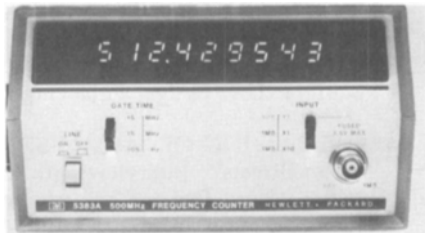


A **subminiature portable oscilloscope**, Model A1010, has been announced by Lawtronics Ltd., 139 High St., Edenbridge, Kent TN8 5AX. The unit provides Z modulation and facilitates the display of character generation. The Y preamp output can be isolated and fed into the X amplifier to increase sensitivity leaving direct access to the Y deflection amplifier. Measuring 2½ by 5½ by 7¾ in and weighing 3¾ lb, it can be used in confined spaces and can be easily transported. It is powered by rechargeable batteries which provide up to three hours of operating time and are automatically charged when the unit is used when plugged into an electrical outlet. The synchronized circuits are designed to lock effectively onto any waveform and the 10 mV sensitivity and 10-MHz bandwidth-make are said to be suitable for TTL circuits and TV service applications. Front panel controls are accessible without removal of the rigid carrying case which can be suspended by a neck

strap leaving the hands free. The oscilloscope is priced at £188. Available optional accessories include an X2 magnifier lens and X10 external attenuator probe. The graticule has been modified to include a dB scale for easy measurement of 3, 6 and 10 dB response levels.



A **TV waveform monitor** providing a single-line/single-field display has been announced by Ultra Audio Pixtec, Box 921 Beverly Hills, CA 90213. Designated the WM31, the waveform monitor is said to allow a 3-in CRT to present a picture equal in size to that of a 5-in WFM. The WM31 puts video in the center of the graticule with blanking both before and after. User-adjustable trimmers permit establishing the lines and the fields start-stop points individually to the user's preference. The unit can be rack mounted. The price is \$695.



The **Model 5383A Frequency Counter** designed for communication equipment service, calibration and maintenance, production line testing and research and development work, has been announced by Hewlett-Packard, 1501 Page Mill Rd., Palo Alto, CA 94304. The instrument is enclosed in a rugged cast aluminum case to provide resistance to adverse environments in field testing and maintenance of communications systems. To protect the input circuitry against the damaging effect of transients and accidental high input levels, the 50-Ω input is fused. It is operative over the entire 520 MHz range. A 1-MΩ input impedance may also be selected from the front panel. Price of the frequency counter is \$795.

The **Model 5328A Universal Counter** has been announced by Hewlett-Packard, 1501 Page Mill Rd., Palo Alto, CA 94304. The basic machine makes frequency measurements to 100 MHz and single-shot time interval measurements to 100 ns resolution. Time interval averaging increases resolution to 10 ps for repetitive events. It can also measure period, period average and frequency ratio and can totalize and scale inputs. Frequency measurement sensitivity is 25 mV rms to 40 MHz and 50 mV rms to 100 MHz. Arming capability gives control over the start of a measurement. When the counter is switched to the armed mode an input on one channel determines

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List 2

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Dec. 26—15th ANNIVERSARY-XMAS-CRYSTAL BALL ISSUE

Feb. 20—NATPE CONVENTION—SALUTE TO SAN FRANCISCO

Mar. 19—NAB CONVENTION—SALUTE TO CHICAGO

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Each year at the SMPTE Convention *Back Stage* distributes 2,000 extra papers (in addition to normal weekly 16,000) to those attending the event. Special Listings (Editorial Houses, Labs, etc.), plus stories pertaining to the convention are featured.

The Dec. 26th 15th Anniversary-Xmas-Crystal Ball Issue will cover predictions for the industry for the coming year, round-ups of the past year's trends and activities, along with Xmas & Anniversary Greetings from those in the industry.

The Animation Salute will be held in conjunction with the 3rd Int'l Animation Film Festival taking place Sept. 30-Oct. 4 at Columbia University.

NATPE will be holding its Annual Convention at the Fairmount Hotel in San Francisco Feb. 21-25. In conjunction with this event, *Back Stage* will salute the San Francisco Film Industry.

NAB will be holding its Annual Convention in Chicago March 21-24. In conjunction with this event, *Back Stage* will salute the Chicago Film Industry.

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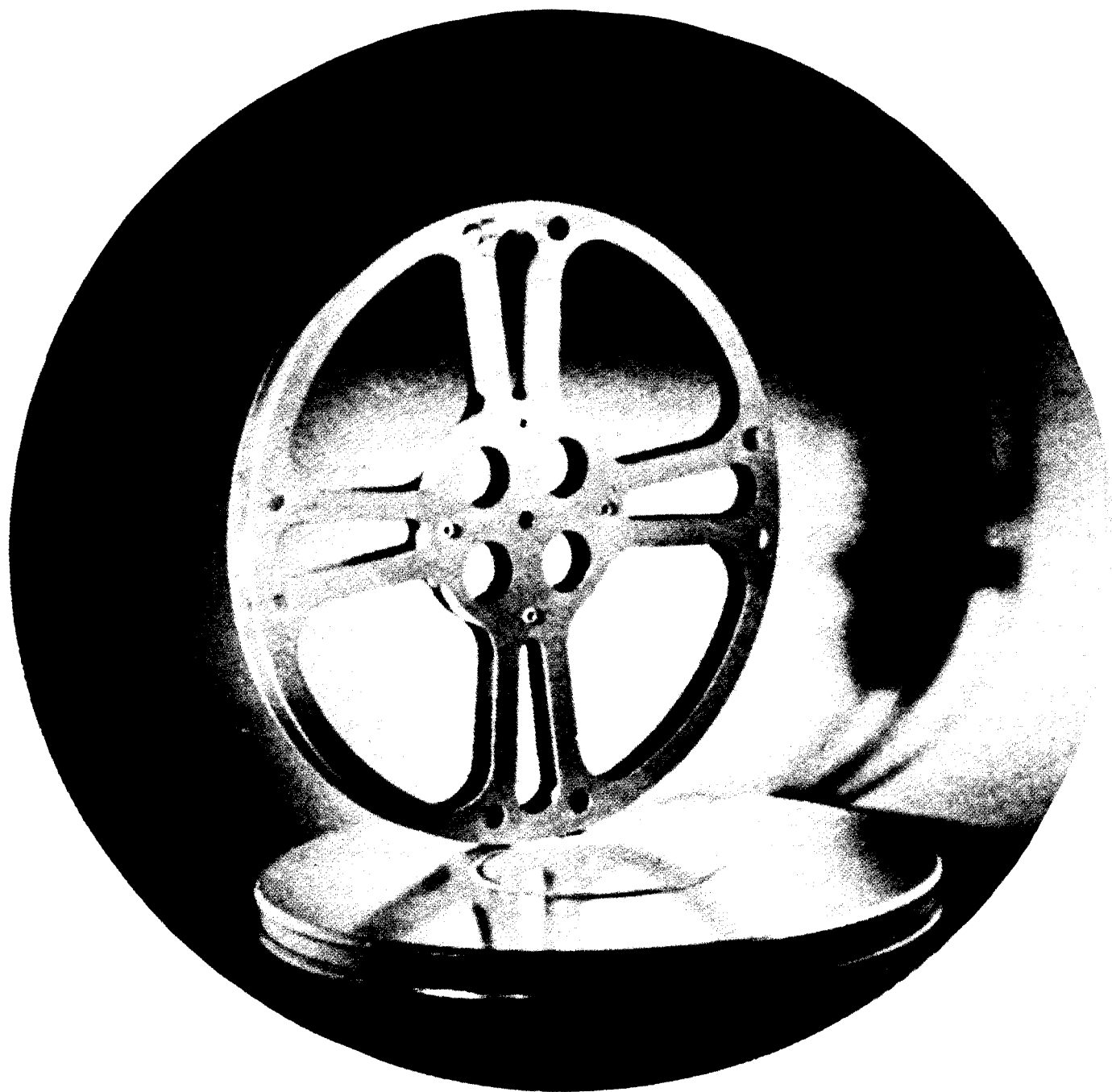
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when the counter starts a measurement on a second channel. Price of the Model 5328A with an 8-digit display and a standard crystal time base is \$1,300.

Six options are available to expand the instrument's capabilities — 010 high stability time base module; 011 HP-IB interface module; 020 DVM Module; 030 Channel C module; and 040 high performance universal module. Prices range from \$200 for the DVM module to \$525 for the high stability time base module.

Signal Source 101 CCTV Test Signal Generator has been announced by Visual Information Institute Inc., Box 33, Xenia, OH 45385. The instrument has been designed specifically for use in evaluating the video signal transmission and storage quality of various signal processing devices such as recorders, distribution amplifiers, switches, special effects generators, transmission links, etc. With an auxiliary color bar source it can be used in the testing of color television systems. Signal Source 101 provides a set of test signals including Multiburst, Gray Scale, Pulse and Bar, Window, Bar, Dot and Flat Field. An internal sync generator accessory which can be used at any one scanning rate is available. It provides outputs in the format of EIA Standard RS-170, RS-330 and RS 343, including H Drive, V Drive, Blanking and Sync which may be used to drive other television equipment such as cameras, recorders, special effects generators, displays, etc.. It can be calibrated for operation at various scan rates from 525 to 1225 including 625/50. Circuitry can be modified for operation at other unusual rates such as slow scan. Price of Signal Source 101 is \$1495. The Internal Sync Accessory is priced at \$500.

The XSD (Crystal Sync Dolby), a Sony TC153SD stereo cassette magnetic sound recorder with Dolby B noise reduction circuitry modified to include a built-in 60 Hz pilotone quartz crystal oscillator, has been announced by Super8 Sound, Inc., 95 Harvey St., Cambridge, MA 02140. The machine can record sound in sync with any super-8, 16mm or 35mm camera that is crystal controlled or that has a standard pilotone sync output. The recorder uses either high-density chromium dioxide cassettes or standard cassettes. In sync use it is monophonic with sync on cassette track 1. In non-sync use it reverts to a stereo cassette recorder. In addition to cableless crystal sync work the recorder can be cable-connected to pilotone cameras. Dolbyized tapes may be transferred to fullcoat film while still encoded for noise reduction and need only be de-Dolbyized at the mixing stage.

The XSD Recorder has a built-in capability for self-resolving. Use of the optional XSD Resolver Unit makes it possible to match the 60 Hz pilotone signal to the ac 60 Hz line frequency for transfers to magnetic film on sprocketed synchronous dubbers. The XSD Recorder is priced at \$499. The optional XSD Resolver Unit is priced at \$200.

The Model 4BEV-50 Versa Console, a compact single-channel mixer designed for rack mounting, has been announced by Broadcast Electronics Inc., 8810 Brookville Rd., Silver Springs, MD 20910. Designed mainly for CATV, CCTV, film studios, commercial

sound installations, dubbing facilities and remote broadcast applications, it has four mixers and accepts 10 inputs — seven inputs being externally switchable for microphone or line level sources. All inputs are transformer coupled to integrated circuit per-amplifiers. Monitoring facilities in the Versa console include a switchable VU meter, a separate FET muted cue amplifier and a speaker. There is also a front panel headphone jack switchable to either the program or the cue circuits. Price of the 4BEV-50 Versa Console is \$465.

Two new line transformers, Models A95U and A95UF, have been added to the A95 series it was announced by Shure Brothers Inc., 222 Hartrey Ave., Evanston, IL 60204. The new transformers make it possible to run a microphone line from a low-impedance microphone to a high-impedance amplifier or vice versa by matching impedance. This type of connection usually solves the problems of excessive high-frequency loss and objectionable "hum" pickup when long lengths of microphone cable are necessary, the announcement noted. The A95U has a male professional three-pin audio connector at one end (the A95UF has a female connector) and an Amphenol MC1M-type connector at the other end. Price of the A95U is \$15.45. The A95UF is priced at \$17.55.

The Robins head demagnetizer, Model 25011, has been announced by Robins Industries Corp., 75 Austin Blvd, Commack, L.I., NY 11725. Used to eliminate or minimize signal-damaging noise caused by buildup of residual magnetism in the sound recording head during normal use of reel-to-reel cassette or eight-track equipment, Model 25011 has interchangeable tips to fit all types of equipment. Price of the demagnetizer is \$15.

A new film for holography providing great speed when exposed with helium-neon (633 nm) or krypton (647 nm) lasers has been introduced by Eastman Kodak Co. The high-speed holographic film (Estar base), SO-253, has been designed primarily for holographic interferometry and micrography and for general holographic procedures with low-power HeNe lasers. In addition to being very fast, the film's microfine grain structure and other emulsion characteristics combine to yield high diffraction efficiency and low noise on reconstruction of holograms recorded at spatial frequencies as high as 1500 cycles/mm.

The VTC 1000, a quadruplex, high band color videotape, has been announced by The Video Tape Company, 4212 Lankershim Blvd., North Hollywood, CA 91602. Tape life is reported to check out consistently at 2000 passes. Capabilities include high SNR, low dropouts, color performance and durability. Single reels (64 min playing time) are priced at \$168.50 (\$160 each in six-reel orders).

A miniature U-matic videocassette, the "Scotch" UCA-20S, has been announced by 3M Company, Magnetic Audio/Video Products Div., P.O. Box 33600, St. Paul, MN 55133. The 3M tape, featuring a proprietary high-energy oxide specifically designed for the mini-videocassette is said to be less abrasive and to provide increased head life and fewer dropouts. The videocassette, containing 20

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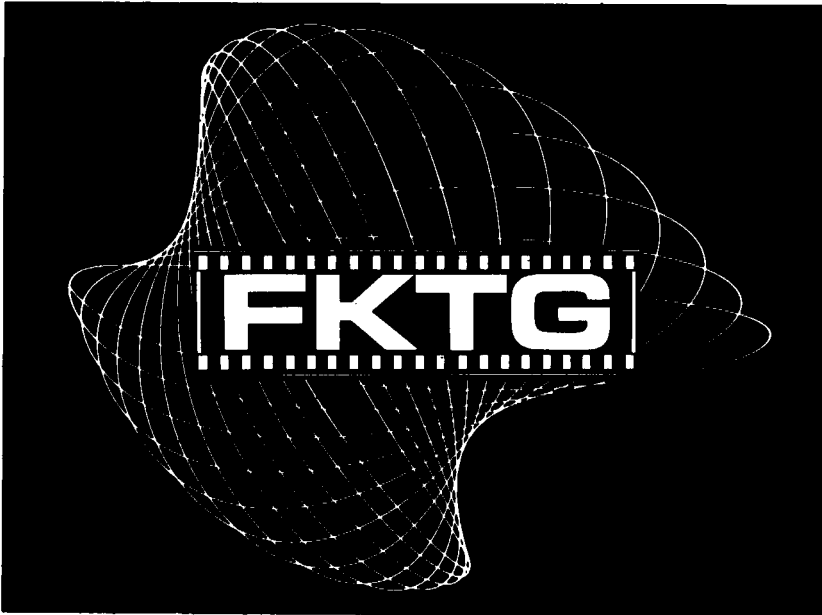
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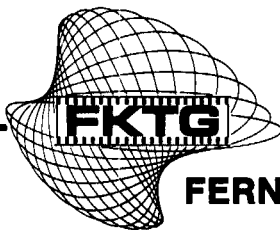


DIE FERNSEH- UND KINO-TECHNISCHE GESELLSCHAFT (FKTG)

In the Federal Republic of Germany, the tasks and aims of the "Fernseh- und Kinotechnische Gesellschaft (FKTG) e.V." are similar to those of the "Society of Motion Picture and Television Engineers (SMPTE)". The two societies are on a friendly footing and good personal contacts exist between many individual members too.

Apart from regional meetings, the FKTG arranges a large international symposium every year. This year, it will take place in Saarbrücken, from September 22nd til 25th. Papers will be read on video technology, receiver and transmission techniques, and cinematography.

The presidium of the FKTG would be pleased if as many SMPTE members as possible could attend the convention in Saarbrücken, as this would serve to promote the good relations between the two societies. The program and details concerning the event are available from the office of the FKTG Secretary, Mr. Georg Drechsler, c/o ZDF, D 65 Mainz, P.O. Box 4040, West Germany.



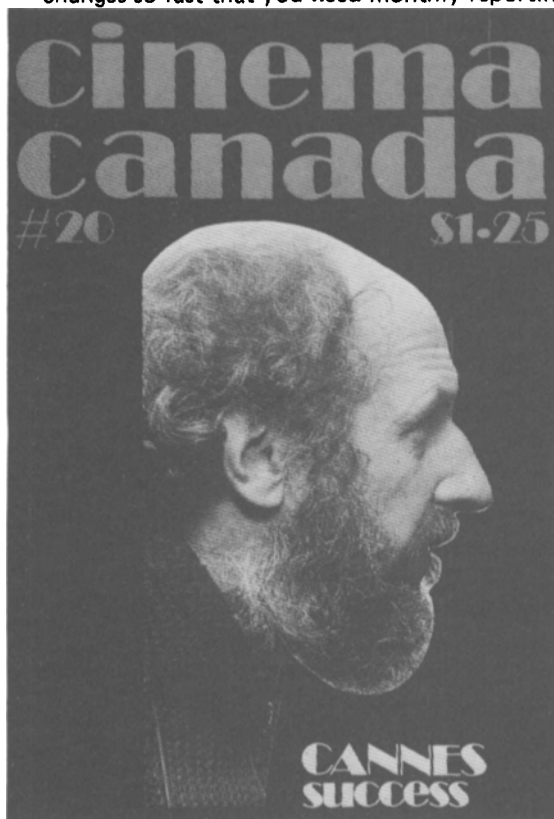
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CINEMA CANADA carries technical articles on all new materials and equipment, with special emphasis on products intended for or developed by Canadians. The September issue, though, will feature the first Canadian report on the new Agfa-Gaevert reversal 700 series. In each issue, noted cameraman, Robert Rouveroy CSC uses his column to expound on the problems facing the everyday life of a freelance cameraman in a country where, depending on his luck, a freelancer will work between ten and two hundred days a year.

CINEMA CANADA reports on festival activities around the world, on the marketing situation of Canadian film in a world perspective. The major news section of the magazine carries full reports on the current state of government assistance to filmmakers, and keeps up with the latest developments in this area.

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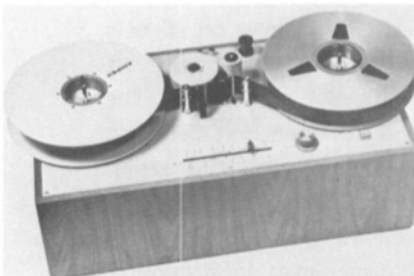
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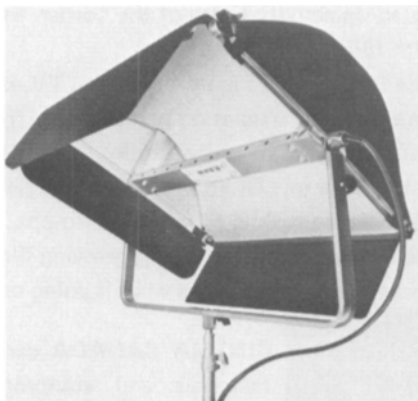
min of tape is designed to meet a growing need for portable video recording. It is priced at \$28.

A new "Scotch" high-impact plastic shipping case for videotape made to fit the 2- by 10½-in Cushion Flange Reel has been announced by 3M Company's Magnetic Audio/Video Products division, P.O. Box 33600, St. Paul, MN 55133. The new storage/shipping case is much lighter in weight than the 14-in case although the new, smaller case retains such design features as the simple 3-position latch and Shock-Shield discs. The case is priced (as a separate accessory item) at \$20.55. When bought with videotape, it is available as an add-on item for \$5.50 only.



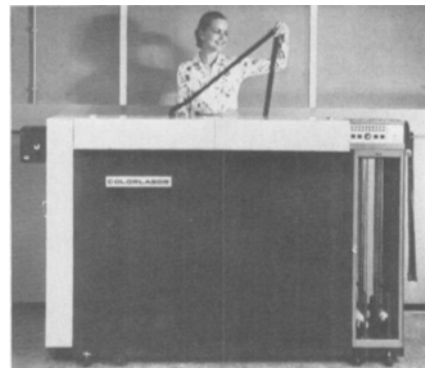
ProtectTape, a videotape conditioner and cleaner for every reel format (EIAJ; Ampex 1-in; Sony 1-in; IVC 1-in; and quad) to a length of 5,000 ft has been announced by Ultra Audio Pixtec, Box 921, Beverly Hills, CA 90213. Precision sapphire and treated cloth clean the tape. An added feature is a bi-directional footage counter to spool-off preset

lengths of tape in either direction, stopping automatically. Use of the ProtectTape is said to reduce considerably head wear and tape wear. Price of ProtectTape is \$2695.

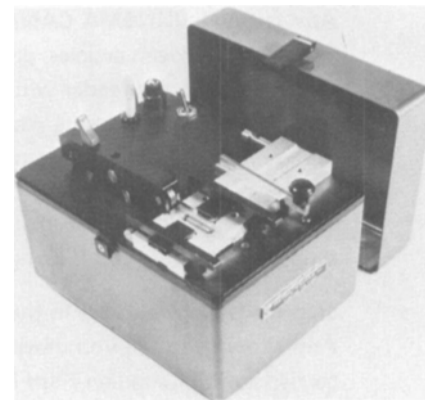


The **Lowel Softlight 1500** has been announced by Lowel-Light Manufacturing, 421 W. 54 St., New York, NY 10019. Essentially the same in basic design as the earlier Softlight 1 K, the 1500 has a new and improved shell of textured aluminum foil bonded to Nomex® fabric. The new material has a higher level of reflectance than its predecessor and is more heat-resistant allowing the use of two 750-W lamps in place of the two 500-W lamps, the maximum for the 1 K. The new Softlight has an output of 125 fc at 10 ft. The 1500 shell is available as a separate item to convert original Softlights to the new model. The unit weighs less than 8½ lb. Price of the 1500 shell is \$168.

The **Universal Cine Film Copier** for 1:1 reduction and enlarged copying of black-and-white and color film has been announced by N.V. Optische Industrie, de Oude Delft, Postbus 72, Delft, Holland (United States subsidiary — Old Delft Corp. of America, 2735 Dorr Ave., Fairfax, VA 22030). The machine has interchangeable heads permitting the copying of one size film onto another (16mm, 35mm, super 8 and still). An adjustable shutter makes it possible to make fade-ins and fade-outs. Optional attachments enable partial enlargements and other special procedures to be carried out. A wet-copying device may be incorporated to reduce the reproduction of scratches and other defects.



The **Old Delft Colorlabor**, an automatic daylight processor for super-8, 16mm and 35mm color film, has been announced by N.V. Optische Industrie, de Oude Delft, Postbus 72, Delft, Holland (United States subsidiary — Old Delft Corp. of America, 2735 Dorr Ave., Fairfax, VA 22030). The machine is compact, measuring 195 by 132 by 41 cm for an 8-bath machine. Modular construction provides for adaptation to all processing methods (maximum 18 baths). Features include automatically controlled film tension, buffer loading system with alarm and film protection circuits, electronic temperature control within 0.1°C, circulation pump on separate tanks and air squeegees to clean the film before it enters critical baths and before it is guided through the drier.



Two new ultrasonic film splicers designed to fuse super-8 or 16mm polyester-base motion-picture films have been announced by Metro/Kalvar Inc., 745 Post Rd., Darien, CT 06820. Both splicers, Model 2016 for 16mm and Model 2018 for super 8, employ a hand-operated anvil and have an automatic sonic turn-on. Each unit weighs 6 lb and measures 5¾ by 5¾ by 6 in. They are provided with a protective cover and convenient carrying handle for portability. The splicers produce a 0.020 in

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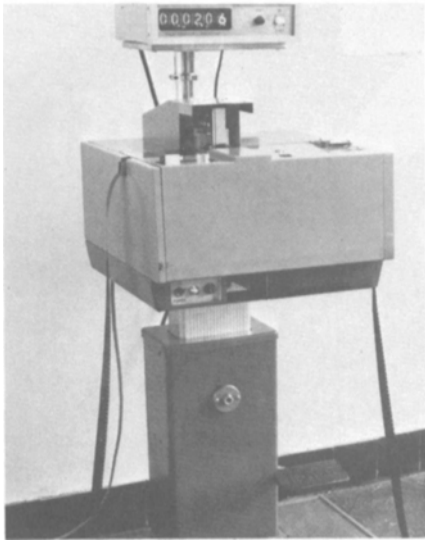
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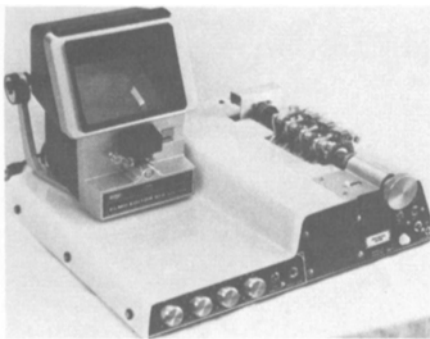


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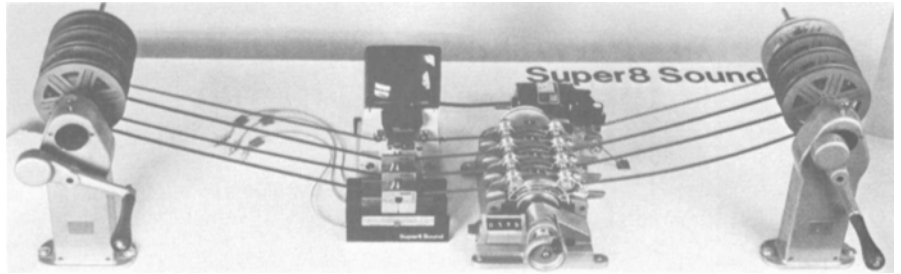
overlap weld on the frame line without tape or cement and without scraping the emulsion. A multi-voltage input transformer meets worldwide power requirements. Price of either model is \$990.



An automatic 16mm film splicer developed for the rapid splicing of 16mm perforated film has been announced by N.V. Optische Industrie, de Oude Delft, Postbus 72, Delft, Holland (United States subsidiary — Old Delft Corp. of America, 2735 Dorr Ave., Fairfax, VA 22030). Designed for simplicity of operation, all that is required of the operator is to insert the film into the entrance gate. The machine then transports the film, cuts it at straight angles, splices it with transparent adhesive tape and restores the perforation. Having completed the cycle the machine stops automatically or the film can be transported to the end where it stops to wait for the new film piece to which it has to be spliced. Film transport and speed can be controlled manually if desired. A digital electronic counter keeps track of the frames and time in seconds and minutes. Other automatic or semi-automatic types are available for 8mm or 35mm film.



The Specialties S-8 Editor, an editing system designed specifically for super-8 film, has been announced by Specialties Design & Mfg. Co., 3429 Encina Dr., Las Vegas, NV 89121. The system can be used for workprint, lip sync, sound effect matching and dubbing, and music scoring. Features include a large lightwell to facilitate A & B editing. The unit is powered at 24 frames/s with the ability to stop instantly at any frame. Pressing either the foot switch or hand switch transports up to three magnetic tracks plus picture track at sync sound speed. Releasing the switch allows freewheeling in both directions for editing,



Two new editing benches have been announced by Super8 Sound, 95 Harvey St., Cambridge, MA 02140. The 3-gang editing bench has one super-8 picture and two super-8 fullcoat magnetic film soundtracks. It is priced at \$1025. The 4-gang editing bench has one picture and three soundtracks. It is priced at \$1090. Both benches operate like conventional 16mm multiple strand vertical benches with certain sig-

nificant improvements. Both benches incorporate "Third Hand" rewind clutches to hold back the feed reel automatically. The Third Hand rewinds and special smooth-acting reel spacer adapters facilitate moving just one strand while the others are held locked in the synchronizer. A single-system magnetic head is available as an accessory.

marking, rewinding or viewing at any speed desired. Features include a powered four-gang super-8 synchronizer, magnetic clutch, synchronous motor, three magnetic heads, footage counter and built-in solid-state mixer-amplifier with individual control knob for each magnetic head and a separate volume control knob. The editor can be used with various viewers, such as the Elmo or the Minette. Price of the S-8 Editor is \$595.

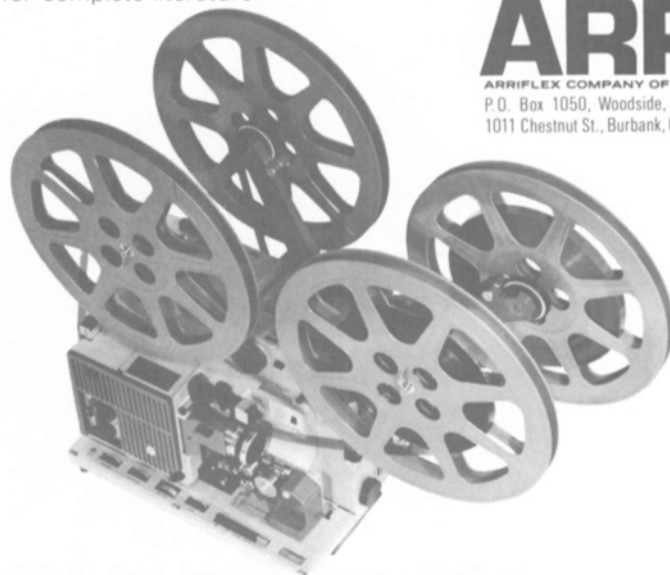
The Beau Model 40-T-38 torque motor is one of the components of the Allen Products Co.'s photographic microfiche processors it was announced by the Beau Motor Div., UMC Elec-

tronics Co., 460 Sackett Point Rd., North Haven CT 06473. The motors can be used for other film processing applications, the announcement stated. The motor design differs from the conventional in that the stator core and windings are internal members and the rotor is the external member. The "inside-out" design of the motors makes possible use for constant tension take-up and supply applications. The motors are reversible with essentially linear relationships between voltage, torque and r/min. Designed for continuous stall conditions they are suitable for reverse tension applications. Price of the motors ranges from \$50 to \$175 depending upon quantity, torque required and special features.

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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.

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