



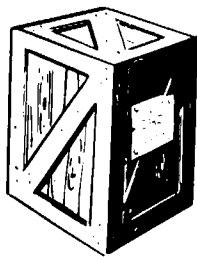
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There's no waiting to see the picture when you're trouble-shooting with our mobile VIP-A² (Video Instant Playback Acquisition-Analysis). Sharp, high-resolution images can be disc recorded and played back at slow speeds, or held indefinitely for study. Up to an hour's information can be stored on tape and transferred to the disc recorder for instant replay and analysis.

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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 **Gevachrome II** 16mm color reversal system consisting of three camera films, one print film and a rapid processing unit with a newly designed ferricyanide regeneration component has been announced by Agfa-Gevaert Inc., 275 North St., Teterboro, NJ 07608. The **Gevachrome II 710** and **720** films were created to meet a demand for television newsreel films with high film speeds and good forced processing capabilities. The **Gevachrome II 710** is balanced for a color temperature of 3200 K. The **720** is balanced for daylight illumination with a color temperature of 6000 K. Both films have an ASA of 125 and can be force processed two stops. The **Gevachrome "S" 700** has an 80 ASA film speed. It is balanced for tungsten illumination with a color temperature of 3200 K. The **700** was developed for documentaries, series and com-

mercials where picture quality rather than film speed and force processing is required.

The total wet time for the **Gevachrome II** with its new rapid processing system is 16 min, 15 s at 25°C (77°F). As part of the **Gevachrome II** system, a new electrolytic method of regenerating ferricyanide bleaches, which are considered pollutants, was developed. The component is designed to reduce ferrocyanide into ferricyanide. It is reported to reduce the ferrocyanide concentration of the machine effluents to a level below existing standards of effluent discharge legislation.



The **Bell & Howell Model 1235 Filmosonic™ XL**, a super-8 magnetic sound camera, has been announced by Bell & Howell/Mamiya Co., 2201 W. Howard St., Evanston, IL 60602. A low-light camera, its features include contrast control of plus or minus approximately one *f*/stop for front and back-



CMX System/40, a new computer-managed video editing system designed specifically for electronic newsgathering has been announced by CMX Systems, 635 Vaqueros Ave., Sunnyvale, CA 94086. The system, called the **News Editor**, utilizes the basic technology of the firm's earlier computer-managed editing systems (*Journal*, p. 332, April 1974). The **News Editor** includes a computer and **CMX** software to provide computer-managed editing capability. Interfaces to two or three Sony 2850 U-Matic video cassette recorders are included. The **System/40s** are frame-accurate and execute edits as cuts. The three-VCR system can perform A-B rolls and it may be ex-

panded to full **CMX System/50** capability. The two basic systems include the computer, auxiliary electronics, operating keyboard, interconnect cabling and modification of the specified number of customer-supplied 2850 VCRs.

Options to the basic systems include a monitor console and a rack, housing the computer and the auxiliary electronics. The console includes an operator desk which supports an enclosure containing a Trinitron color monitor and a black-and-white interactive CRT display. Prices for the **News Editor** range from \$20,500 to \$44,875 depending on the type of system and the options.

IF YOU WANT A SUPERB NEWS/DOCUMENTARY CAMERA, THIS IS YOUR CAMERA.

Whatever camera characteristics are most important to you, the CP-16 offers them. And more.

If you want light weight—and who doesn't—a fully-equipped CP-16 with 400' magazine, Angenieux 12-120mm zoom, record/playback heads and amplifier *and battery* weighs in at 17 lbs. (Other configurations are even lighter!) Maneuverability? CP-16's light-weight, compact size and human-engineered design help you go where the action is, and concentrate on filming, rather than struggling. Reliability? CP-16 has the lowest downtime in the industry.

Looking for versatility? Look no further. CP-16 works with a wide variety of lenses—automatic and non-automatic, zoom and prime. With 400' and 1200' magazines, including an advanced, lightweight Lexan™

400' model. Other accessories? You name it.

Happily, Cinema Products didn't stop there. With their customary thoughtfulness, they've made CP-16 available in both reflex and non-reflex versions. Giving you the opportunity of choosing the viewing system (and price range) that's best for you. By selecting their most advanced reflex system. Or opting to update your camera without obsoleting those expensive, reliable lenses with reflex viewfinders you've accumulated over the years.

More? Of course, when you talk CP-16 (or anything else, for that matter) to Camera Mart, you're talking to the people who take the trouble to help you choose the best package, at the right price. And back everything you purchase to the hilt. For more information about rental or purchase—give us a call or pay us a visit for a demonstration. Reflex. Or non.

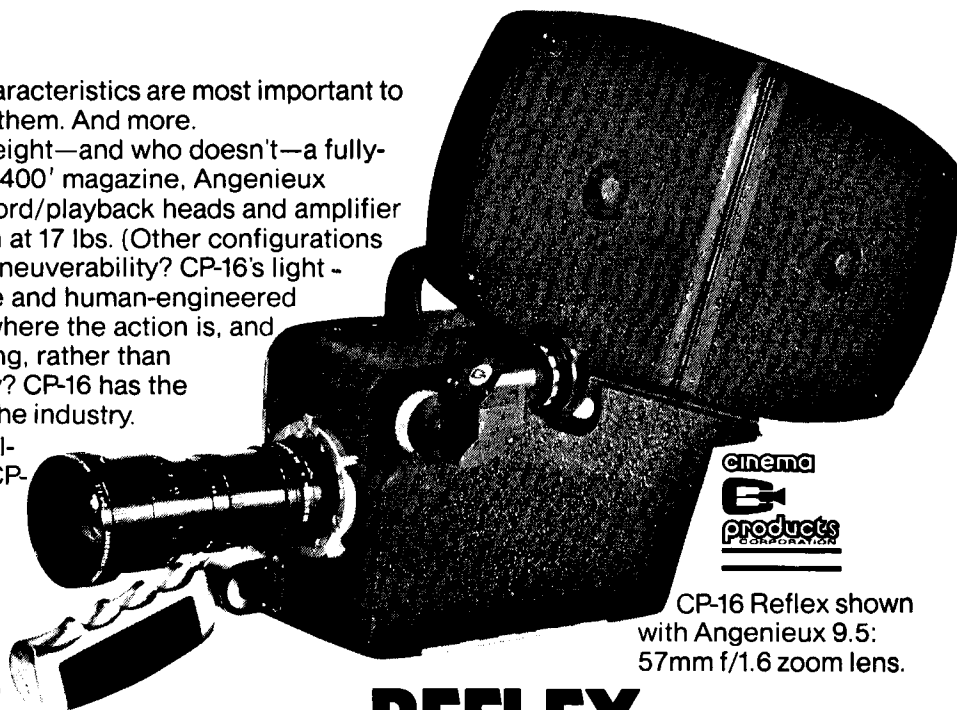
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CP-16 Reflex shown with Angenieux 9.5: 57mm f/1.6 zoom lens.

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CP-16 shown with Angenieux 12: 120mm f/2.2 zoom lens.

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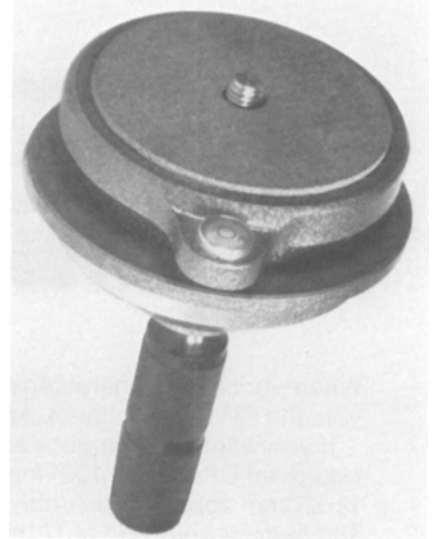
EDITIONS DUJARRIC

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lighting situations; pushbutton fade-in and fade-out control; and a red cue light showing when the camera is in operation. Other features include an earphone sound monitor and full-time pushbutton power zoom. The camera has a fast, low-light $f/1.3$ lens with 2.8:1 zoom ratio and 18 frames/s filming with sound or silent film. The price is \$389.95.

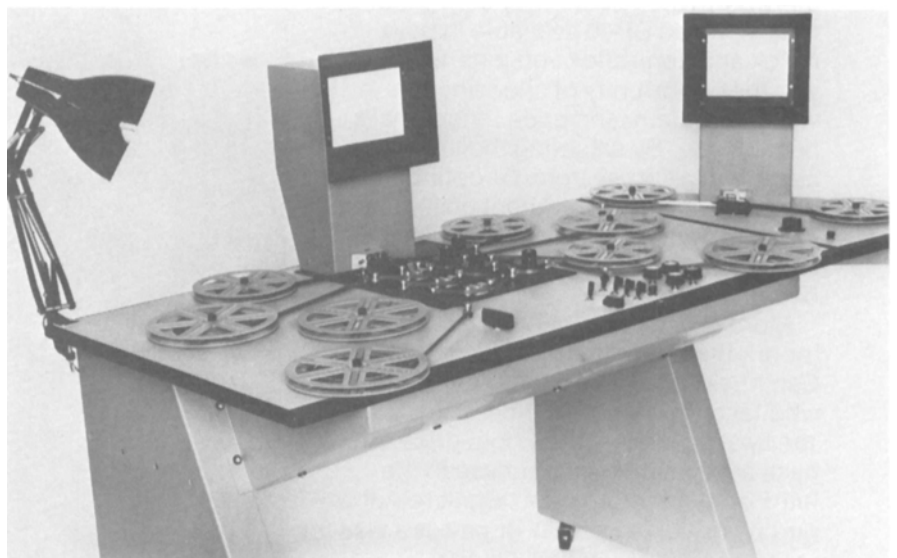


The **Vibra Stop Lens**, designed for image stabilization, has been announced by Dynasciences, a subsidiary of Whittaker Corp., Township Line Rd., Blue Bell, PA 19422. Originally designed to compensate for vibration and bounce in cine and TV photography from moving vehicles, other possible applications include handheld cine use, telephoto still photography, laser and infrared stabilization and use in electrooptically directed systems. The Vibra Stop weighs 3 lb and is $4\frac{3}{4}$ in in diameter and $4\frac{1}{2}$ in in length. It requires no power and is entirely self contained. It fits standard cine and still lenses up to 73 mm ($2\frac{7}{8}$ in) outside diameter. Other features include 95% light transmission; fully coated achromatic optics; 60 mm clear aperture; and compensation lockout for conventional use without removing the unit from the camera. It adapts to universal camera mount. The price is \$750.



The **Gitzo Leveling Ball** for motion-picture cameras has been announced by Karl Heitz, Inc., 979 Third Ave., New York, NY 10022. Equipped with a firm locking grip, level and either $\frac{3}{8}$ -in European or $\frac{1}{4}$ -in ASA screw, the leveling ball can be supplied with Gitzo Super-Studex, Pro-Studex, Tele-Studex Compact or Giant lightweight, heavy duty tripods instead of the standard Rapid or Cremaillere center column. The leveling ball facilitates rapid leveling and locking of standard and fluid cine heads and cameras. The price is \$79.95.

Kodak Aerochrome duplicating film 2447 (Estar base) has been announced by Eastman Kodak Co., IPD Customer Services, 343 State St., Rochester, NY 14650. The film can be used in making color duplicate transparencies of Kodak Ektachrome and Aerochrome film



The **PPC-25M**, -35M and -45M (4-, 6- and 8-plate) post production editing consoles have been announced by Super 8 Research Associates, Inc., 1821 Michael Faraday Dr., General Tech. Bldg., Reston, VA 22090. Features of the PPC-25M series include an all-metal chassis with casters for mobility; Minette shutter assembly for maximum protection of film, including a film notcher which places a small notch between sprockets to enable

marking of the original film without damaging the film or fouling the gate; pulldown sync to allow cutting of both picture and sound simultaneously by marking sound only; variable speed control from crawl to fast forward; and a 5 × 7-in Fresnel viewing screen. Prices are (25M) \$3295; (35M) \$3895; and (45M) \$4495. Various accessories are available including a modular add-on picture head and a 50-Hz step-down motor.

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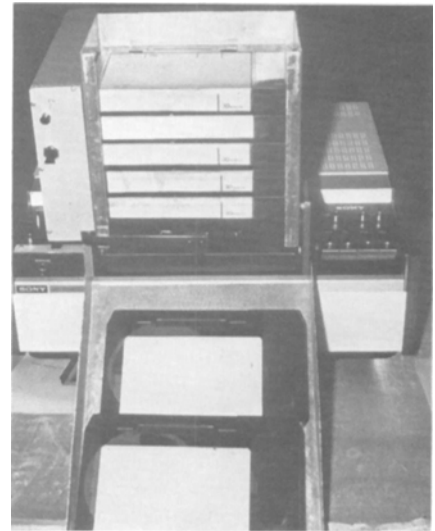
originals from aerial survey and reconnaissance photography. With only some solution temperature and replenishment adjustments, the same processor, chemicals and processing procedures may be used for both originals and prints, the announcement stated. The 2447 is an extremely fine grain, low contrast and high-resolution film. It has good color balance, an abrasion resistant emulsion and an antihalation undercoat. The film can be processed in Kodak EA-5 chemicals in modern continuous machines.

The CLB 9000 Bare Bones Analog-to-Digital Converters with resolutions from 11 bits through 13 bits at word rates from dc through 10 MHz have been announced by Computer Labs Inc., 1109 South Chapman St., Greensboro, NC 27403. The internal track and hold circuits have an aperture of 10 ps to assure accuracy on fast-changing analog inputs. The units are designed to operate as system A/Ds and utilize dc power sources generally available in radar, data communications and other systems requiring analog-to-digital conversion. They operate on system power ± 15 V, +5 V and -5.2 V. Measurements are: height, 7.5 in (190mm); width, 12 in (305 mm); depth 9 in (229 mm); and weight 13.5 lb (6.1 kg). The price range, depending on the model, is from \$8200 to \$13,980.

The Magnetek Videotape Cleaner/Evaluator has been announced by Television Equipment Associates, Inc., Box 1391, Bayville, NY 11709. The machine prints out a three-pen profile recording, showing control track damage, audio track damage and video dropout. The audio and control track pen readout is



calibrated to simulate the readout of a VU meter. The video pen profile deflection and frequency of deflection is dependent upon the depth and duration of the dropout while pen height or excursion is a direct reflection of dropout duration. By editing out damaged sections tape can be salvaged which otherwise would have been discarded. The tape cleaner/evaluator is priced at \$18,500. The cleaner alone is priced at \$6,000 and the evaluator add-on is priced at \$12,500. The Cleaner/Evaluator is also available on an equipment lease plan.



The Automatic Video Cassette Changer VCC II has been announced by Video Automation, Upper Shad Rd., Pound Ridge, NY 10576. The changer places the U-Matic video player or recorder in the stop mode, rewinds the cassette (if desired), ejects the videocassette from the player or recorder in the play or record mode. The total cycle time is less than 30 s. The machine can play as many videocassettes as desired. Cue tones on the tape provide signals for changing the cassettes. Multiple players with changers can be ganged together so that commercials can be added to the entertainment if desired or movies can be played where the first part is in one stack and the second part stacked on the second player. The machine is designed to be

"Post-Flashing"

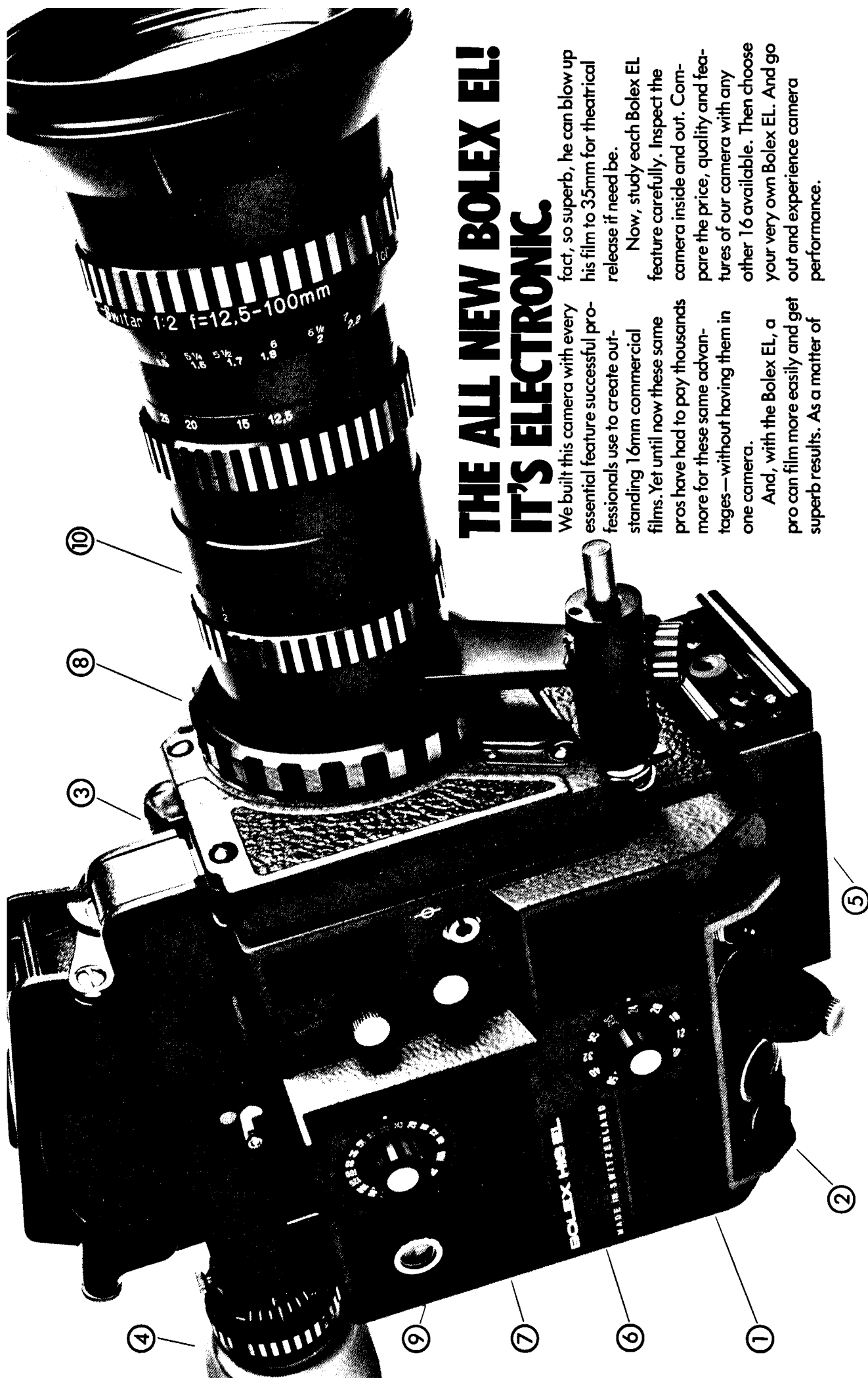
If shooting conditions require a high speed film, now you can use 125 speed Ektachrome and ask us to "Post-Flash" it when it comes in to our laboratory for developing. "Post-Flashing" will lower the contrast inherent in the film and, in addition, bring out details in the shadow areas.)

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fact, so superb, he can blow up his film to 35mm for theatrical release if need be.

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used with any Sony or 3M videocassette player or recorder. It can be mounted to the player or recorder by using present mounting holes and adding an automation cable to the cassette player. Price of the VCC II is \$1545.

A self-contained 8-bit 15-MHz Analog-to-Digital converter has been announced by Computer Labs, Inc., 1109 South Chapman St., Greensboro, NC 27403. Occupying only 3½ in of vertical rack space, the unit includes built-in test words, power supplies and front panel light indicators. Performance characteristics include aperture of ±30 ps, 30-MHz large-signal bandwidth and 50-ns transient response. Measurements are: height, 3½ in (89 mm); width (main body), 17 in (430 mm)

(front panel), 19 in (495 mm); and depth, 15 in (380 mm). The weight is 22 lb (10 kg). The operating temperature is from 0°C to 50°C. The instrument can be stored at temperatures ranging from -55°C to +85°C. The power requirement is 70 W. The price is \$4380.

The Playmate, a mobile video console incorporating a 19-in color and sound TV monitor/receiver, has been announced by The Sandcastle Co., Box No. 536, Santa Cruz, CA 95061. Constructed of fiber glass and fitted with 5-in wheels, the Playmate can play back video programs for individuals or small groups. It is scaled to accommodate all current models of ¾-in videocassette recorders and players as well as many older models. In-

terconnect cables are fitted inside. The Playmate is priced at \$1395.



The Porta-Brace PB-3800 designed to accommodate portable videocassette color systems has been announced by K and H Products, Ltd., Box 246, North Bennington, VT 05257. The unit features a cantilevered camera arm and includes padded Cordura nylon cases for the VCR deck and the camera CCU. The padded cases may be used both on and off the support frame. They have Velcro flaps to allow easy access to the cassette loading door and control panel. The PB-3800 also has a heavy-duty padded waistbelt. It is priced at \$250. Also available is the Porta-Brace Wheelbase WB-2, a lightweight, collapsible two-wheeled cart designed to carry the Porta-Brace with VCR equipment mounted. The price is \$300.

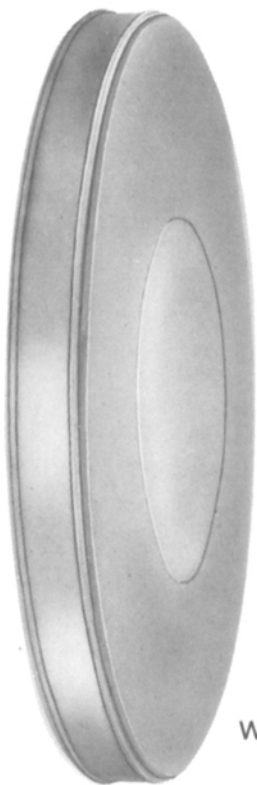


The Tape Saver, a sapphire-bladed module for tape cleaning on Recortec or other machines, has been announced by The Video Tape Co., 4212 Lankershim Blvd., North Hollywood, CA 91602. The four-edged sapphire blade does not tear or cut the tape during the cleaning process; each edge remains sharp for 4000 reels. Equipped with a vacuum system for continuous blade cleaning, the Tape Saver does not loosen the tape binding or cause the tape to shed. A mini-vacuum chamber prevents the redeposit of foreign matter during the cleaning process. The Tape Saver is available as a complete module kit with one sapphire blade for a price of \$650.

A new degausser to erase professional and industrial-size reels of magnetic tape as well as digital cassettes has been announced by Rob-

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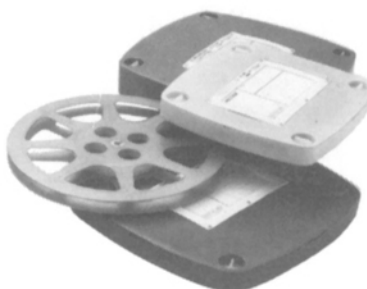
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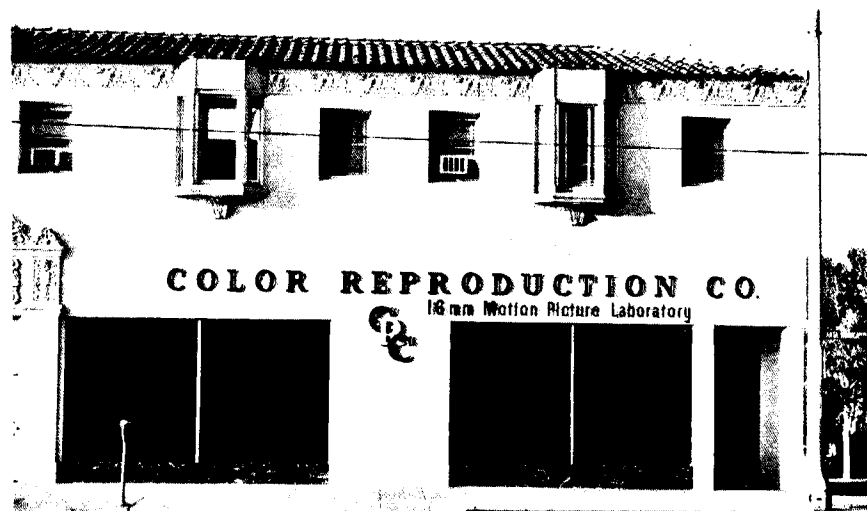


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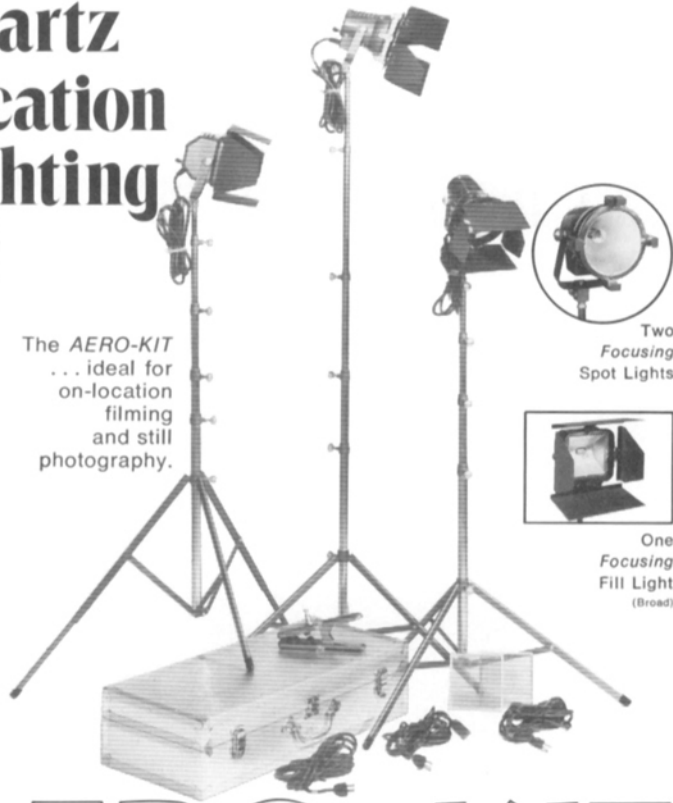
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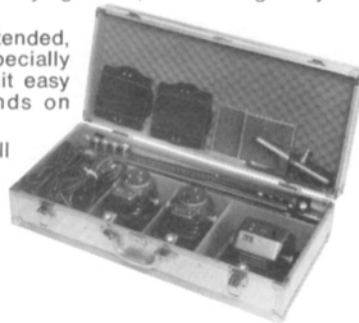
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The light stands (10 ft. high when fully extended, and 24" high when telescoped) are specially designed with adjustable legs which permit easy and stable placement of the light stands on uneven ground surfaces.

The two focusing spots and focusing fill light (equipped with new and improved quartz lamp sockets which are extremely heat resistant) operate at 120-volts AC/DC with 600-watt lamps, and can also be used with 250-watt lamps for 30-volt battery operation.



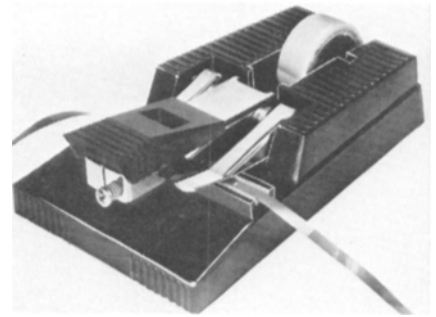
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ins Industries Corp., Data Products Div., 75 Austin Blvd., Commack, L.I., NY 11725. Designated Model R24024, it is a rugged unit of heavy duty construction able to demagnetize reels up to 1 in wide and 17 in in diameter. Features include a forced-air cooling system. In normal use the eraser may be operated continuously for 40 min before requiring a 10-min cooling off period. Operating on 115 V ac, 50-60 Hz, 18 A, the unit is capable of degaussing 100 reels of ½-in tape in about 15 to 30 min. One-inch reels are handled by doing one side and then flipping over the reel to repeat the erasing operation. The unit is priced at \$240.



New models of the Robins Gibson Girl magnetic tape splicer have been announced by Robins Industries Corp., 75 Austin Blvd., Commack, L.I., NY 11725. Model R26038 is designed for ¼-in reel-to-reel and 8-track magnetic tape. The R33047 is designed for cassette tapes. The Gibson Girl splicer has a patented design that produces a slight trim cut on the edge of the spliced tape to keep adhesive from contacting the critical parts of the tape deck thus reducing malfunctions and prolonging service life. Springloaded arms hold the tape in position and the cutting blades, protected by soft rubber pads, are exposed only when actually splicing. Each model is priced at \$8.50.



The Spectrum Analyzer, Model 2370/1, has been announced by Marconi Instruments Div. of Marconi Electronics Inc., 100 Stonehurst Court, Northvale, NJ 07647. The unit covers the frequency range 30 Hz to 110 MHz. Features include 100-dB displayed dynamic range, resolution of 0.1 dB and 5 Hz, a nine-digit frequency counter and an advanced data presentation system employing electronic storage. A built-in tracking generator produces a swept output signal with a frequency within 2 Hz of the analyzer tune frequency. The instrument has been designed for simplicity of operation. The user need only select the desired center frequency, sweep width and filter resolution; a built-in logic program then automatically selects the RF/IF gain ratio and sweep speed. Price of Model 2370/1 is \$16,500.