

SMPTE Elections Officers and Governors

Officers of the Society for 1969 (including those remaining in office for the 1968-69 term and those elected to serve during the 1969-70 term) are:

President: Deane R. White (1969-70)
Executive Vice-President: Wilton R. Holm (1969-70)
Past-President: G. Carleton Hunt (1969-70)
Engineering Vice-President: William T. Winttingham (1968-69)
Editorial Vice-President: Rodger J. Ross (1969-70)
Financial Vice-President: Kenneth M. Mason (1968-69)
Conference Vice-President: E. B. McGreal (1969-70)
Sections Vice-President: William D. Hedden (1969-70)
Vice-President for Educational Affairs: D. Max Beard (1968-69)
Vice-President for Photo-Instrumentation Affairs: William G. Hyzer (1968-69)
Vice-President for Motion Picture Affairs: Richard J. Goldberg (1968-69)
Vice-President for Photo-Science Affairs: J. S. Courtney-Pratt (1968-69)
Vice-President for Television Affairs: Richard S. O'Brien (1968-69)
Secretary: H. Theodore Harding (1969-70)
Treasurer: Saul Jeffee (1968-69)

Those elected by their respective regions to serve on the Board of Governors for the next two years are:

Eastern Region: Arthur J. Miller, Richard E. Putman
Central Region: Allen F. Hilliard, William A. Koch
Western Region: Roderick T. Ryan, Charles E. Anderson
Canada: Roger J. Beaudry

Governors continuing in office through 1969 are:

Eastern Region: K. Blair Benson, John J. Kowalak, Henry M. Kozanowski, Allan L. Williams
Central Region: Jack Behrend
Western Region: Jack P. Hall, Edward H. Reichard

Section Officers and Managers

Atlanta Section

Chairman: Charles R. Cannon, Jr.
Secretary/Treasurer: Billy S. Marks
Managers: (1968-69) Roger Conner, Gerald M. Crowder; (1969-70) Lloyd A. Armbruster, Byron Lindsey, B. M. Loden

Boston Section

Chairman: James B. DeWitt
Secretary/Treasurer: Robert A. Rubenstein
Managers: (1968-69) Robert M. Fraser, George D. St. Andre, Charles W. Wyckoff; (1969-70) Burton R. Clay, Stephen A. Kallis, Jr., Alexis E. Ushakoff, Jr.

Cape Kennedy Section

Chairman: James K. Anthony
Secretary/Treasurer: James D. Caron
Managers: (1968-69) William M. Sheahan, James T. Stuart, Sr., Charles F. Vale;

(1969-70) Clarence Ellis, H. Richard Hertel, Clayton Kelly

Chicago Section

Chairman: William A. Koch
Secretary/Treasurer: Denis H. G. Howe
Managers: (1968-69) Edmund R. Baron, Harold L. Miller, John G. Rogers; (1969-70) Leonard Coleman, Mathias J. Herman, Henry Kakchashi

Denver Section

Chairman: John H. Seide
Secretary/Treasurer: Jackson R. Cravens
Managers: (1968-69) Carl E. Pehlman, George A. Sollenberger, Jr., Glen R. Southworth; (1969-70) John C. Cullen, Thomas G. Morrissey, Carl E. Sipe

Detroit Section

Chairman: Richard O. Painter
Secretary/Treasurer: Frederick M. Remley, Jr.
Managers: (1968-69) Robert L. Beard, John A. Campbell, Jr., Warren Happel; (1969-70) Kaz Cimoscko, Dana C. Manning, Roland L. Renaud

Hollywood Section

Chairman: Howard F. Stucker
Secretary/Treasurer: Anthony Bruno
Managers: (1968-69) F. Alton Everest, Don V. Kloepfel, Herbert W. Pangborn; (1969-70) Kenneth D. Erhardt, Robert D. Gustafson, William J. Wade

Montreal Section

Chairman: Chester E. Beachell
Secretary/Treasurer: Kenneth P. Davies
Managers: (1968-69) J. Creighton Douglas, Frank Ord, A. Dunstan Russell; (1969-70) Lloyd C. Harrop, George A. B. Moore, A. William Ross

Nashville Section

Chairman: Ralph J. Hucaby
Secretary/Treasurer: Aaron Shelton
Managers: (1968-69) W. Russell McCowan, Gerald V. Somerville, Raymond B. Tichenor; (1969-70) H. Robert Briscoe, Jr., Duane M. Muir, John F. Swanson

New York Section

Chairman: Herbert R. Pilzer
Secretary/Treasurer: Paul F. Wittlig
Managers: (1968-69) Donald R. Collins, Sheldon Nemeyer, Alvin J. Siegler; (1969-70) Frank Davidoff, Fred J. Scobey, Joseph R. Stiffel

Ohio Section

Chairman: George F. Golden
Secretary/Treasurer: Dr. Robert W. Wagner
Managers: (1968-69) Thomas F. Peterson, Robert A. Sourek, George W. Tressel; (1968-70) Matthew M. Bracic, Charles N. Clark, George F. Helberg

Rochester Section

Chairman: Roland J. Zavada
Secretary/Treasurer: John M. McDonough
Managers: (1968-69) Henry F. Betz, Richard E. Putman, Franklin R. Reinking; (1969-70) Earl W. Kage, Hugh R. McNair, Daan Zwick

San Francisco Section

Chairman: John Corso, Jr.
Secretary/Treasurer: Leo Diner
Managers: (1968-69) Joseph Y. Saunders, Robert D. Shoberg; (1969-70) R. A. Isberg, William A. Palmer, Burton Smith

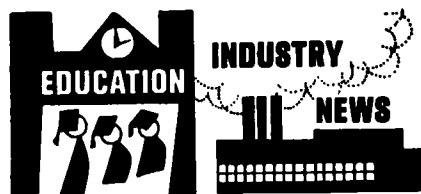
Toronto Section

Chairman: Harold J. Eady
Secretary/Treasurer: Geoffrey R. Oliver
Managers: (1968-69) John D. Lowry, Findlay J. Quinn, Harold Wright; (1969-70) Arthur R. Chetwynd, Andrew Kullfluk, Alexander R. MacGregor

Washington D.C., Section

Chairman: Joseph A. Schantz
Secretary/Treasurer: Richard R. Conger
Managers: (1968-69) Joseph K. Hooper, Ralph W. Sonnenberg; Charles E. Sorensen; (1969-70) Robert L. Bell, Samuel C. Gale, Holger C. Kjeldsen

Section Chairmen and Secretary/Treasurer are elected for one-year terms. Section Managers are elected for two-year terms.



16th Annual Meeting of F.-T.G.

The Fernseh-Technische Gesellschaft e. V. (television technical society) held its 16th annual meeting in the Kongresshalle Saarbrücken October 7-9, 1968.

The President, W. Bruch, of AEG-Telefunken, Hanover, and R. Theile, of the Institut für Rundfunktechnik Munich, introduced the program. The speakers and their papers were of high calibre and may be summarized as follows:

General: Six papers ranged from the Nipkow-disk via electronic standard conversions and pulse code modulation to Thermovision and its usage based on a

demonstration by H. W. Paehr of Agatronic Geräte GmbH, Frankfurt/Main, Germany.

TV Transmitter and Transmission Techniques: Papers included recommendations for the design of TV color transmitters, new UHF klystrons and associated circuitry including active standby switching and various remote controls for high-power TV transmitters, compensation for phases and delays between chrominance and luminance channels and equipment to determine necessary compensations on an experimental basis.

TV Reception Techniques: Fifteen papers dealt with demodulation concepts, synchron demodulation, a new method of definite separation from luminance and chrominance information, the application of glass for temperature-compensated delay lines and new advancements in applications of such for PAL and SECAM receivers as well as the utilization of integrated circuitry in television receivers.

Seven papers in the group described the

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Arriflex M—no lens, motor, magazine.....	new	2495.00
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Canon Scoopic w/13-76 Zoom Complete.....	new	1250.00
Arriflex S—less lens, motor magazine.....	used	1595.00
Cine Beaulieu complete.....	used	959.00
Canon Scoopic w/13-76 Zoom.....	used	940.00
Arriflex M—less lens, motor magazine.....	used	2050.00
Bolex Rex 4—no lens.....	used	395.00
Arriflex 35mm 11B—less lens, motor, magazine, matte box.....	used	1500.00

Mitchell Standard High Speed Camera complete with 25mm, 32mm, 35mm, 40mm, 50mm, 75mm, 100mm Cooke lenses, (2) 1000 ft. magazines, viewfinder with bracket, wide angle matte box, camera case, magazine case, accessories case; all lenses matched with follow focus rings—completely overhauled.....

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used 6200.00

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Arriflex 16BL with 12-120mm zoom with 400 ft. magazine, Universal motor, matte box, case.....

used 4325.00

Arriflex 35mm 11C with 28mm, 50mm, 75mm Xenon lenses, Hi Hat adaptor, 400 ft. magazine, variable speed motor, matte box, case.....

used 2650.00

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Spectra—Combi 500 (Model 501).....	new	115.50
Spectra—Professional P251.....	new	102.00
Spectra—Universal U751.....	new	62.00
Spectra Combi 500 (Model 500).....	new	103.50
Gossen Luna—Pro w/case.....	new	69.00
Gossen Sixticolor.....	new	59.95
Gossen Super—Pilot.....	new	39.75
Sekonic L28 DeLuxe Meter.....	new	28.57
Sekonic L164 Marine Meter.....	new	79.95
Weston Ranger 9.....	new	55.95
Weston Master V.....	new	29.95
Gossen Tri—Lux Foot Candle.....	new	89.50
Honeywell Spot Meter.....	new	129.50

EDITING EQUIPMENT VIEWERS

Moviola Editor—UL20S—16 or 35mm (in stock).....	new	2540.00
Zeiss 16mm Viewer.....	new	112.50
Zeiss 16mm Viewer.....	used	95.00
Majer Hancock Viewer 16mm.....	new	143.50
Moviola Editor UL20CS—16mm or 35mm.....	used	2450.00

SPLICERS

Rivas Straight—16mm or 35mm.....	new	165.00
Rivas Diagonal—16mm or 35mm.....	new	175.00
Du Page 616.....	new	12.95
Guillotine 35mm.....	new	198.00
Guillotine 16mm.....	new	167.50
Rivas Diagonal—16mm or 35mm.....	used	97.50
Majer Hancock 16mm & 35mm.....	new	349.00
Neumade R-3 16mm.....	new	39.50
Guillotine 35mm.....	used	165.00
Majer Hancock 16—35mm.....	used	299.50
Majer Hancock 16mm.....	new	249.00
Bell & Howell Pedestal 35 Splicer.....	used	875.00

MISCELLANEOUS EDITING EQUIPMENT

35 or 16mm Moviola Synchronizer 2 Gang.....	new	108.00
35 or 16mm Moviola Synchronizer 4 Gang.....	new	153.00
Combination Moviola Synchronizer—235mm— 216mm.....	new	220.00
Moviola Sound Reader—opt. or mag.— Model SRC.....	new	170.00
Moviola AmpII—Speaker Model URS.....	new	53.00
Moviola Rewinds—WA 16 or 35.....	new pair	42.00
Moviola Rewinds 2 35mm or 2 or 3 16mm.....	new ea.	24.50
35mm or 16mm Moviola Synchronizer 2 Gang.....	used	90.00
35mm or 16mm Moviola Synchronizer 4 Gang.....	used	127.50
Moviola Rewinds WA.....	used pair	35.50
Editing Table w/drawer & light well rack.....	new	143.00

SOUND EQUIPMENT

Transist-O-Sound Amplifier—2CLM—mag.....	new	495.00
Transist-O-Sound Amplifier—2CLOM—opt.—mag.....	new	525.00
Nagra Recorder.....	new	1200.00
Sennheiser Microphone M1008.....	new	53.00
Sennheiser MKH 404.....	used	216.00
Sennheiser MKH 804.....	used	274.50
Sennheiser MD 214.....	new	110.00
Nagra Mixer BM.....	new	141.75
Nagra ATN.....	new	47.25
Fish Pole Boom.....	new	149.50

TRIPODS & HEADS

Pro Jr. Standard.....	new	70.00
Pro Jr. Baby.....	new	70.00
Miller Fluid Head Model F.....	new	179.50
Miller Jr. Tripod.....	new	89.50

Miller Ball Leveling Top only.....	new	54.50
Vinton Head.....	used	649.50
O'Connor Model C Head.....	new	390.00

LENSES

MOUNT

Samagon Fish Eye.....	Arri Mount.....	new	89.95
9.8 Tegea.....	Arri Mount.....	new	649.00
15mm F2.7 Kod Anastig.....	S Mount.....	used	15.00
13mm F1.5 Elgeet.....	C Mount.....	used	74.50
15mm F1.3 Angenieux.....	C Mount.....	new	133.00
25mm F2.3 Baltar.....	Mitchell Mount.....	used	125.00
25mm F2 Kinoptic.....	Arri Mount.....	used	185.00
25mm F1.9 Kod Anastig w/finder.....	C Mount.....	used	10.00
25mm F1.9 Kod Anastig.....	C Mount.....	used	10.00
1" F1.9 Cooke.....	C Mount.....	used	60.00
25mm F2 Kinoptic.....	C Mount.....	new	169.00
25mm F1.8 Cooke.....	BNC Mount.....	used	310.00
25mm F1.8 Cinor.....	C Mount.....	used	70.00
28mm F2.5 Cooke.....	BNC Mount.....	used	310.00
30mm F2.5 Baltar.....	Mitchell Mount.....	used	99.50
35mm F2 Cooke.....	BNC Mount.....	used	310.00
35mm F2 Xenon.....	Arri Mount.....	used	140.00
40mm F1.6 Ektar.....	S Mount.....	new	89.50
40mm F2.3 Baltar.....	BNC Mount.....	used	310.00
40mm F2 Cooke.....	BNC Mount.....	used	310.00
50mm F1.4 Television.....	C Mount.....	new	99.50
50mm F1.5 Angenieux.....	C Mount.....	new	179.50
50mm F2.5 Baltar.....	BNC Mount.....	used	310.00
50mm F2 Cooke.....	BNC Mount.....	used	310.00
50mm F3.5 Tessar.....	Mitchell Mount.....	used	75.00
50mm F1.9 Raptar.....	C Mount.....	new	74.50
50mm F1.4 Switar.....	Reflex Mount.....	used	159.50
75mm F2 Kinoptic.....	Arri Mount.....	new	269.00
75mm F2.3 Contrast Tackar.....	Mitchell Mount.....	used	25.00
75mm F2.8 Baltar.....	BNC Mount.....	used	310.00
75mm F2 Cooke.....	BNC Mount.....	used	310.00
75mm F2.8 Yvar.....	C Mount.....	used	45.00
100mm F2.6 Kinetak.....	C Mount.....	new	297.50
100mm F2.3 Baltar.....	BNC Mount.....	used	310.00
6" F4.5 Telephoto.....	Eyemo Mount.....	used	25.00
200mm Astro.....	Arri Mount.....	used	145.00
205mm F3.5 Berthiot.....	Arri Mount.....	used	99.50
250mm F4.5 Wolfenack Telephoto.....	used	60.00	
255mm F6.3 Tele Dynar.....	Eyemo Mount.....	used	40.00

ZOOM LENSES

9.5-95mm Angenieux.....	C Mount.....	new	1100.00
7 1/2" Finder.....	C Mount.....	new	1260.00
10" Finder.....	C Mount.....	new	740.00
12-120 Angenieux 7 1/2" Finder.....	C Mount.....	new	840.00
12-120 Angenieux 10" Finder.....	C Mount.....	new	1800.00
12-240mm Angenieux.....	C or Arri Mount.....	new	175.00
17-85mm Pan Cinor.....	Arri Mount.....	used	1840.00
25-250mm Angenieux.....	Arri Mount.....	used	944.00
35-140mm F3.5 Angenieux.....	Arri Mount.....	new	915.00
9.5-95 Angenieux w/7 1/2" Finder.....	C Mount.....	used	525.00
12-120 Angenieux.....	C Mount.....	used	1497.00
12-240 Angenieux.....	Arri Mount.....	used	1497.00

LIGHTING

CSC Fay Quartz 650W w/lamp.....	new	26.95
Colortran Mini Brute "9".....	new	165.00
Colortran Mini Brute "6".....	new	128.00
Colortran Multi Beam 650 w/lamp.....	new	64.50
Colortran Multi Beam 1000 w/lamp.....	new	73.50
Colortran Vari Beam 1000 w/lamp.....	new	88.00
Colortran Quartz King 500 w/lamp.....	new	64.00
Colortran Quartz King Dual 650 w/lamp.....	new	39.00
Colortran Soft-Lite 750W w/lamp.....	new	81.25
Colortran Mini Lite 10" w/Barn Door & Lamp.....	new	55.50
Colortran Bent Leg Stand.....	new	22.95
Colortran Sr. Stand w/casters.....	new	25.50
Colortran Quartz King 500 w/lamp.....	used	50.00
Colortran Vari Beam 1000 w/lamp.....	used	69.00
Colortran Bent Leg Stand.....	used	18.00
Colortran Sr. Stand w/casters.....	used	20.00

MISCELLANEOUS ACCESSORIES

15mm Bell & Howell objective.....	new	14.25
4" Bell & Howell Finder objective.....	new	15.95
6" Bell & Howell Finder objective.....	new	15.95
Cine Special Reflex Finder.....	used	95.00
Zoom Range Finder model K.....	new	54.50
Spectra Viewing Glass.....	new	7.50
Arri Blimp.....	used	899.50
Arri Matte Box.....	used	115.00
Mitchell Finder.....	used	1400.00

Hundreds of additional items available at huge savings — write, wire or phone for quotations / satisfaction guaranteed or money refunded within 10 days of purchase / add sales tax where applicable — shipping charges additional / all equipment subject to prior sale / trades accepted.



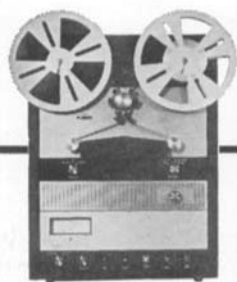
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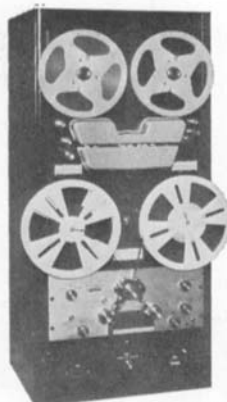
SALES ○ SERVICE ○ RENTALS



MODEL 2300-R



MODEL 230



SERIES 2500



MODEL 250



SERIES 900



SERIES 2200

MAGNASYNC SOUND EQUIPMENT FOR MOTION PICTURES & TELEVISION

MODEL 2300-R SOLID STATE DISPLACEMENT RECORDER — makes single system editing possible. Automatically re-positions the sound track of a processed 16mm single-system release print film to "editors sync" . . . sound and corresponding picture "in line" . . . for rapid, accurate editing, and then automatically re-positions sound track to "printer's sync" or "projection sync" for immediate projection. The unit may be interlocked with other magnetic film recording equipment and projectors including conventional TV chain projectors. \$2350.00

MODEL 230 MIXER — NAGRA COMPATIBLE SOLID STATE MICROPHONE MIXER — Specifically designed to conform to the input characteristics of the Nagra ¼" tape recorder, with special consideration given to their aesthetic compatibility. \$395.00

SERIES 2500 SOLID STATE TRANSFER SYSTEM — 16mm, 17.5mm or 35mm synchronous magnetic film. Unit consists of a heavy-duty quarter-inch magnetic-tape reproducer, a solid state sync pulse amplifier, and a sprocket magnetic film recorder/reproducer, all mounted in a single rack cabinet. This system is capable of transferring a pre-recorded quarter-inch tape to sprocketed film without tying up the field recorder. From \$3995.00

SERIES 2200 SOLID STATE PORTABLE RECORDER — for 16mm, 17.5mm or 35mm synchronous magnetic film. Utilizes Magnasync Transport Mechanism. Available with all standard film speeds and voltages for complete international compatibility. Extremely versatile input switching circuits allow use of three low or high level microphones and line, or up to four line inputs. Input and output transformers on all channels for complete isolation and minimum noise. Modular plug in construction. The unique "quick slip" head cover permits sync marking directly over head gap. From \$2225.00

MODEL 250 — SOLID STATE PORTABLE FOUR CHANNEL MICROPHONE MIXER — is designed for motion picture sound recording and remote broadcast transmission. The high level mixer features dialogue equalization on each incoming channel, master gain control, built-in microphone talk-back system. Versatile input circuitry allows various combinations of microphones and lines (high & low level) to be mixed. Portable. Self contained rechargeable batteries provide economical operation where A.C. power is not available. \$795.00

SERIES 900 SOLID STATE STUDIO MIXING CONSOLE — Features non-obsolete solid state circuitry, modular construction. This unit is capable of fulfilling the requirements of any studio . . . large or small. Other special features include up to 12 microphones or line inputs, complete 6-position equalization with echo send and cue on each input channel, up to 4 program output channels with large illuminated VU meters and echo & cue channels as required. \$4150.00

SERIES 2400 "ALL-IN-ONE" SOLID STATE PORTABLE RECORDER — for 16mm, 17.5mm or 35mm synchronous magnetic film. A quality, lightweight, sound system for the "on-the-go" producer who wants to minimize set-up time. Recorder is also adaptable to standard rack mounting. From \$1795.00 (not shown)

Send for complete information & descriptive literature.

use of solid-state and integrated circuits in various functions of TV color receivers. One paper dealt with the adjustment of convergence with active elements and another with the effect of cross-modulation resulting in the "windshield wiper effect" caused by two TV transmitters.

Introduction to Color Television: Five presentations were made by members of the staff of the Saarländischen Rundfunk and dealt with color cameras, planning of studios and control rooms and experience in color testing methods and transmission experience with color TV films.

Video Techniques: Seventeen papers on this subject covered optical problems, correction of lenses for color and the new Vario lens, elimination problems on outdoor television pickups and an assessment of the methods of correcting unbalanced color films by electronic means. Other papers dealt with related application in the PAL system, astronomy and textile industry, night and x-ray television, quantitative microscopes, the utilization of Isocon and SEC tubes, new compact direct reading color-photometer by P. Albrecht of RTM, and a color synchronization system for TV networks over audio lines.

For information regarding eventual publication of some or all of these papers apply to: Fernseh-Technische Gesellschaft e. V., 61 Darmstadt, Postfach 329, Germany.

Sustaining Members:

AEG-Telefunken
Allgemeine Deutsche Philips Industrie GmbH
Arbeitsgemeinschaft der öffentlich-rechtlichen Rundfunkanstalten der Bundesrepublik Deutschland (ARD)
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Zweites Deutsches Fernsehen (ZDF)

Fees for Film '69, the International Film Technology Conference and Exhibition, have been announced by British Kinematograph, Sound and Television Society:

Conference Registration (member): £6 (\$14.40) (non-member): £8 (\$19.20)
Ladies Program: £2 (\$4.80)
Day Registration (member): £11.00 (\$3.60) (Non-member) £2 (\$4.80)
Get-Together Luncheon (June 23): £2 (\$4.80)
Banquet (black tie) (June 25): £5 (\$12.00)
Package Registration (includes week registration, luncheon, Banquet) (member): £11.10.0 (\$27.60), (non-member) £13.10.0 (\$32.40)

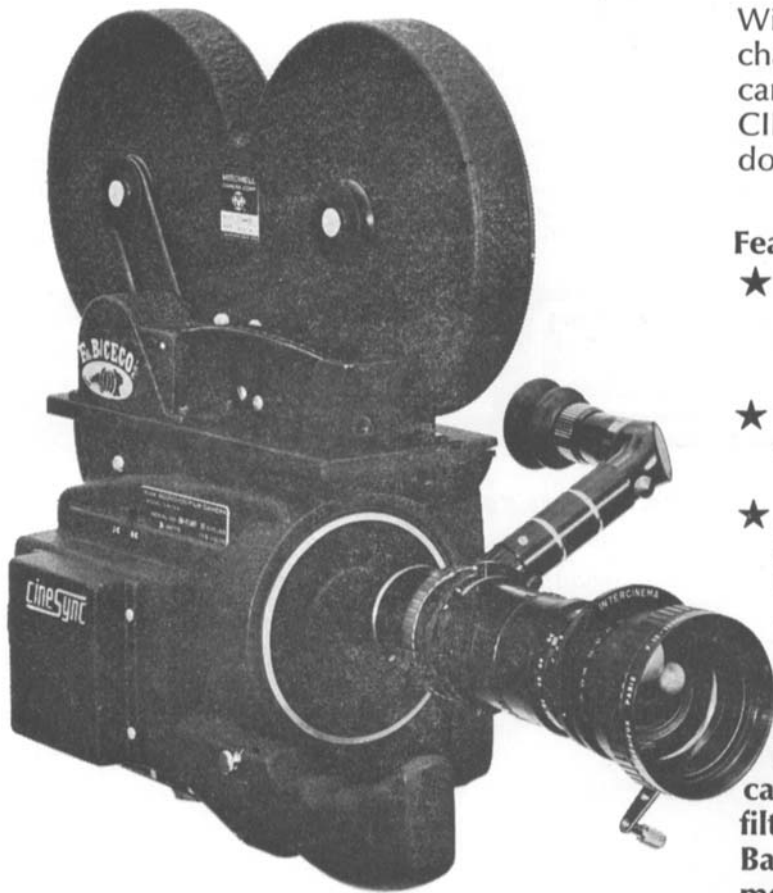
Film '69 is the first of a series of conferences to be held in London for the bene-

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Complete power supply mobility is at your disposal, whether you operate the camera from our 4 lb. 12V CINESYNC battery, 12V belt battery, A 115V Frezzi, or in an emergency, a 12V dry cell, auto battery, etc.

With our conversion, you get (at no extra charge) our exclusive process that reduces camera noise over 50%. Plus the optional CINESYNC versatility that lets you shoot double system wireless full sync sound.



Features:

- ★ CINESYNC tuning fork frequency control and inverter weighs only 9 ounces, and is built right into the camera.
- ★ 12V DC-115V AC power supply selector switch.
- ★ A complete range of accessories from short viewfinder and shoulder grip for hand held shooting to buckle trip, sync output, etc.

Prices:

Basic conversion to 400' or 1200' capacity with sync motor, clutch, filter slot, etc. \$ 695.00
 Basic conversion with CINESYNC modification 1640.00
 CINESYNC modification only. 995.00

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fit of users of motion pictures in such fields as advertising, medicine, education, research, home entertainment, television, industry and training (*Journal*, p. 964, Sept. 1968; p. 1124, Nov., 1968).

CINE (Council on International Non-theatrical Events) was awarded the Grand Prix at the Cortina Film Festival in Italy for the best group of films from any nation and received a like award at the Trento Film Festival in Italy. American films which received top awards at foreign film festivals include *Discover America* (Reid H. Ray Film Industries) at Castillon II International Week of Tourism in Spain; *Incredible Machine* (Owen Murphy Productions) at Pardubice Scientific Film Festival in Czechoslovakia; *Quiet Revolution* (Allend'or Productions) at Brno Film Festival in Czechoslovakia; *Monument to the Dream* (Guggenheim Productions) at the Venice Golden Mercury Competition; *Mind and Hand* (Graphic Curriculum) at Rome Scientific Festival; *Cardiac Valve Replacement Using an Improved Prosthesis* (Baylor University) at London Medical Film Competition; *The Growing Edge* (Empire Photosound) at Berlin Agricultural Film Competition and *Memento* (Center for Mass Communication, Columbia University Press) at IX International Film Festival in Vienna.

Golden Eagle Awards were won by 163 American films. The awards were presented to the producers by Reid H. Ray, President of CINE. These films will represent the

United States at foreign film festivals held in 1969. The selection of the Golden Eagle films shown at the Society's 104th Technical Conference in Washington, D.C., included: *Reacher, Scientist in the Sea, A Day With Timmy Page, To Sleep . . . Perchance to Dream, Functional Anatomy of the Human Kidney, Art of Art Forgery, The Redwoods and Grizzly* (an excerpt from a film running 52 min).

The Society of Cinema Arts and Sciences has announced its slate of officers for the 1969 term. Charles T. Gindhart, Jr., was re-elected President. Newly elected were Leon Rhodes as Executive Vice-President and Edward S. Tycenski as Secretary. Martin Egan was re-elected Treasurer. Mr. Gindhart is a cinematographer with WCAU-TV. Mr. Rhodes is a free-lance producer-writer. Mr. Tycenski is a cinematographer with WCAU-TV, and Mr. Egan is Supervisor of the Motion Picture Div., Naval Engineering Center, Philadelphia Naval Base.

Jacques D. Van Vlack is Chairman of the SCAS Bicentennial Committee, formed to assist the Philadelphia Bicentennial to be held in 1976.

SCAS is beginning its fifth year and includes 50 members from the Delaware Valley area. During the summer of 1968 SCAS supported a community program called PICS (Photography in Community Self-Development). The project involved placing cameras in the hands of those who otherwise might throw rocks, and thus supplant violence with creativity. Members

of SCAS supplied cameras, editing equipment and film.

SCAS headquarters are in the Bellevue-Stratford Hotel, Philadelphia Pa. 19102.

A Symposium on Image Display, sponsored by Air Force Avionics Laboratory, Wright-Patterson Air Force Base, Ohio 45333, will be held April 8-10 at Wright-Patterson Air Force Base. Topics to be discussed are: Laser Beam Recording, Electron Beam Recording, Multi-Channel Display/Recording, New Recording Media, Film-Based Displays, Scan Converters, Human Factors, Natural and False Color Display/Recording, High-Visibility and High-Resolution Cathode-Ray Tube Displays, and Display/Recording Specifications and Measurements.

The Second Annual Scanning Electron Microscope Symposium will be held April 29-May 1 at IIT Research Institute, 10 W. 35 St., Chicago. Invited and contributed papers from the United States and abroad will be presented. Studies of organic and inorganic materials will be discussed at separate sessions. Papers to be presented April 29 and May 1 will report studies in fields including biology, chemistry, electronics, metallurgy and ceramics. Papers devoted to SEM microscopy techniques will be presented on April 30. An exhibition of micrographs will be shown during the symposium. Further information is available from E. P. Fahy, Special Affairs, IIT Research Institute, 10 W. 35 St., Chicago, Ill. 60616.

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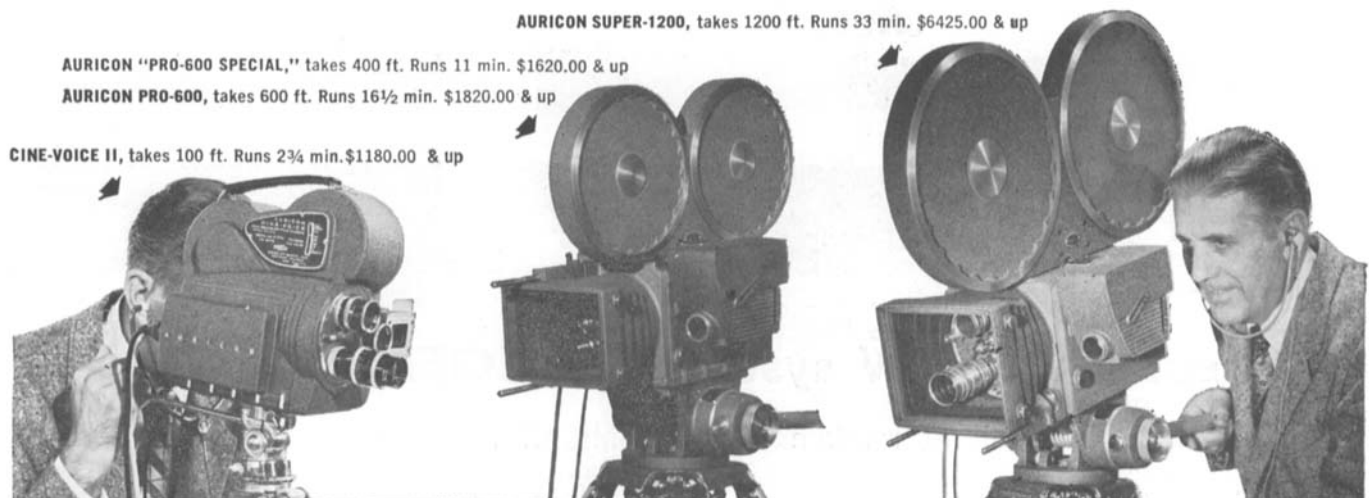
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Theatre Equipment and Supply Manufacturers Assn. (TESMA) is conducting a survey of equipment installed in newly constructed theaters throughout the United States. Chairman of TESMA's Theatre Survey Committee is Larry W. Davee, President of Century Projector Corp. Survey forms have been sent to member firms of the Theatre Equipment Dealers Assn. (TEDA). Questions on the forms are designed to result in an exact profile of the specific types of equipment currently being installed in new indoor theaters. The survey does not deal with drive-in theaters. Equipment brand names are not solicited. The survey form is designed for computer tabulation. The returns will be processed by DATATAB, New York. Further information is available from TESMA, 1270 Sixth Ave., New York, N.Y. 10020.

The First Annual Armed Forces Audio-Visual Communications Conference was held November 4-8 in Washington, D.C. Highlights of the event included the opening remarks by Jack Valenti, President of the Motion Picture Association of America and the Keynote Address by Admiral Thomas H. Moorer, Chief of Naval Operations. A session entitled What's Ahead in Audio-Visual Communications was conducted by Peter C. Goldmark, President and Director of CBS Laboratories. Among the papers of special interest was "Video Tape to Film Transfer Techniques" presented by Rodger Ross on November 7. In addition to general sessions and papers presentations, the conference also featured

panel discussions, film screenings and equipment demonstrations and displays.

A Technological History of Motion Pictures and Television, edited by Prof. Raymond E. Fielding of the University of Iowa's Dept. of Speech and Dramatic Art, has been awarded the Lion of St. Mark at the 13th International Exposition of Books and Periodicals on Cinema, Television and Photography at the Venice International Film Festival. The book was also honored by being chosen Book-of-the-Month by the Film and Television Book club. A review, by Glenn E. Matthews, appears in the July 1968 issue of the *Journal* (p. 774).

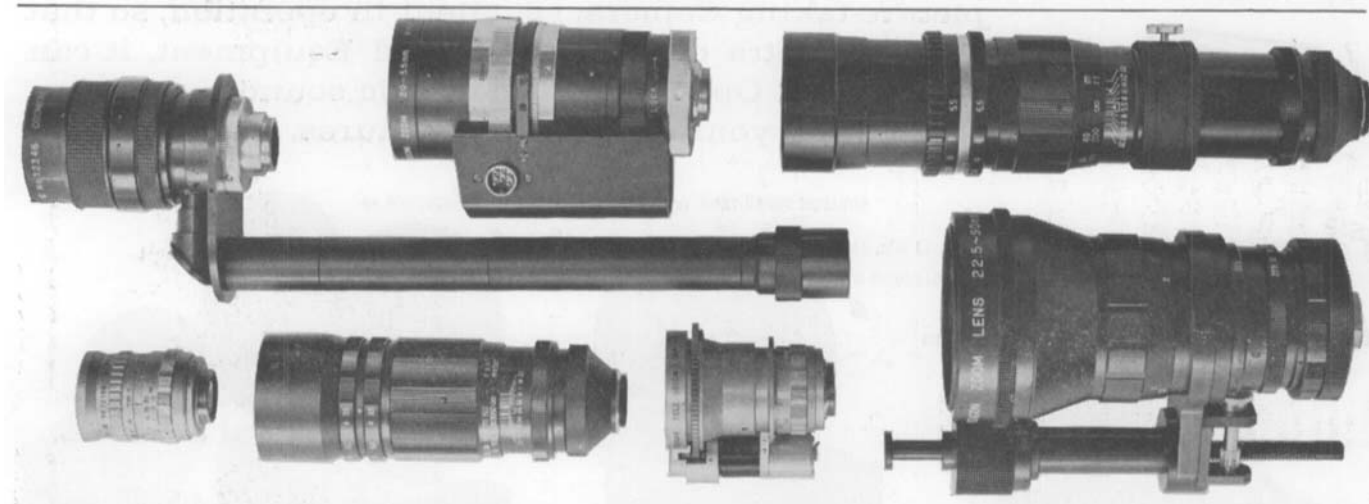
The Lion of St. Mark is awarded at the Venice Festival to denote first prize in various categories. In 1966 the *Journal* was the recipient of the Silver Lion of St. Mark plaque.

The American Society for Engineering Education (ASEE) is the recipient of a Ford Foundation grant of \$700,000 to enable ASEE sponsorship and administration of the Program of Residencies in Engineering Practice. Purpose of the Program is to give teacher-of-engineering experience in the practice of engineering in addition to experience in teaching and research. Teachers chosen from engineering faculties are placed in selected industrial positions for periods of 12 to 15 months. Those so placed are known as Residents and they are under the guidance of senior-level practicing engineers. The Program office is located in ASEE headquarters, 2100 Pennsylvania Ave., N.W., Washington, D.C. 20037.

The National Cable Television Association (NCTA) held its annual meeting July 3 in Boston. Among other items a proposed standard (NCTA-005-C) was approved by the NCTA Board of Directors. The proposed standard defines terms, specifies test methods and suggests techniques for determining noise level in cable systems. A copy of the proposed standard is available upon request to National Cable Television Assn., Inc., 1634 Eye St., N.W. Washington, D.C. 20006.

The Hungarian Society for Optics, Acoustics and Filmtechnics, located in Budapest at V. Szabadság tér 17, has announced the 4th Conference on Film Technics to be held October 27-31 in Budapest. Program topics will include development of measuring and testing techniques; new tendencies in the manufacture of black-and-white and color raw films; non-silver-based photosensitive systems; color films in television; and film techniques in audio-visual teaching.

Museum of the Media is a new museum, located at 507 Fifth Ave., New York, N.Y. 10017, in which "audio and visual techniques which now play accessory roles in the program of all museums will come into their own in an integrated system designed to give the individual a new perspective on his world," it was announced by the Director, Ronald Globus. The museum's exhibition space is basically one large room partitioned into a series of smaller rooms with white translucent screens of floor to ceiling height. The ceiling and floor will be



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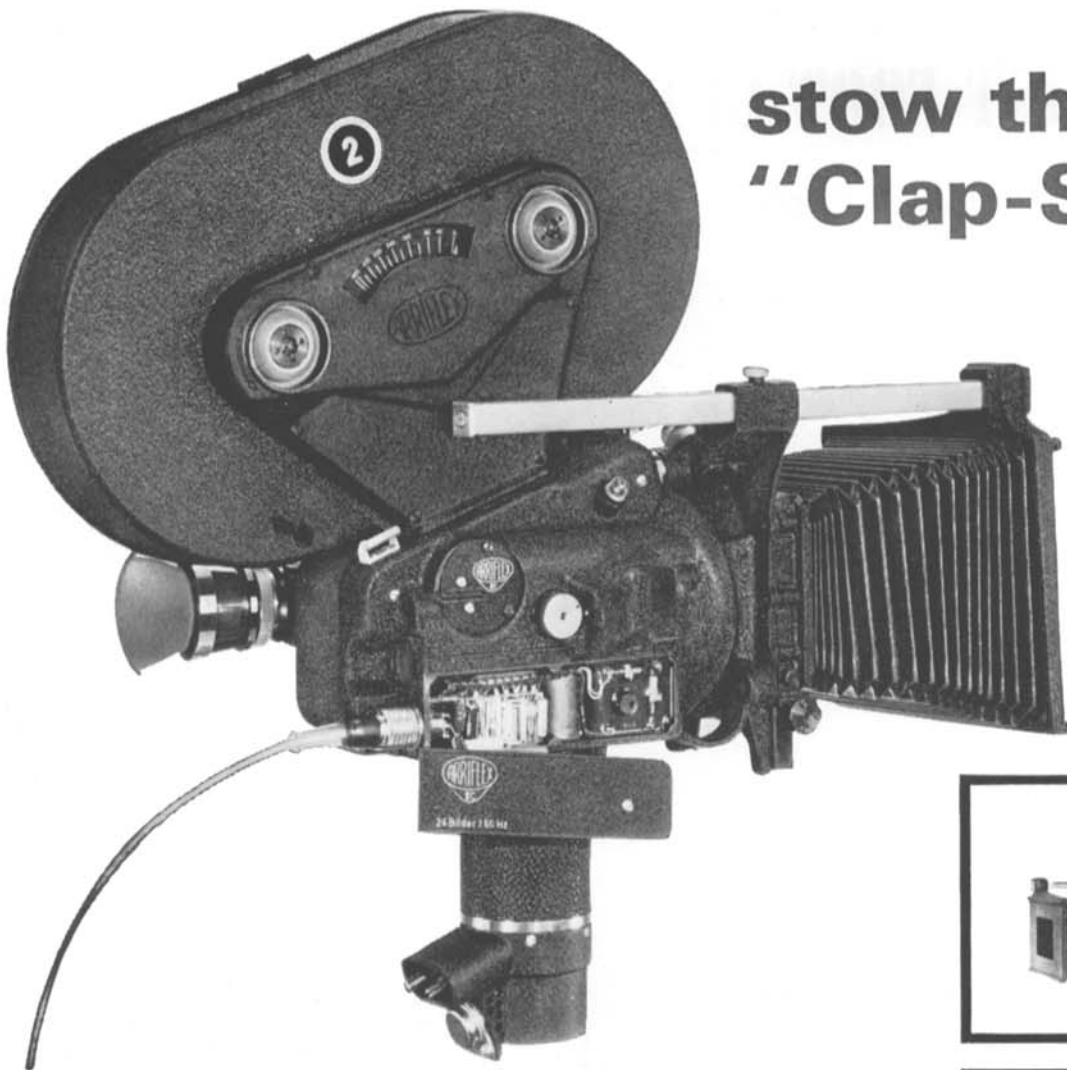
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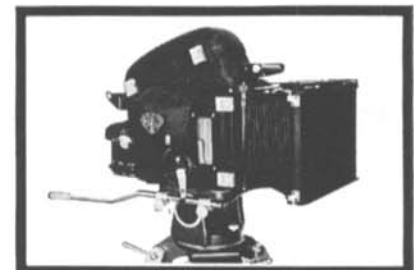
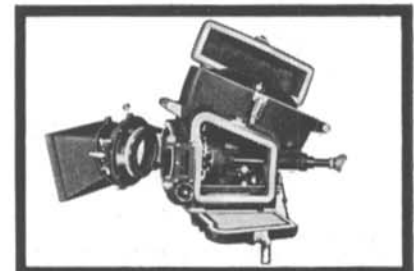


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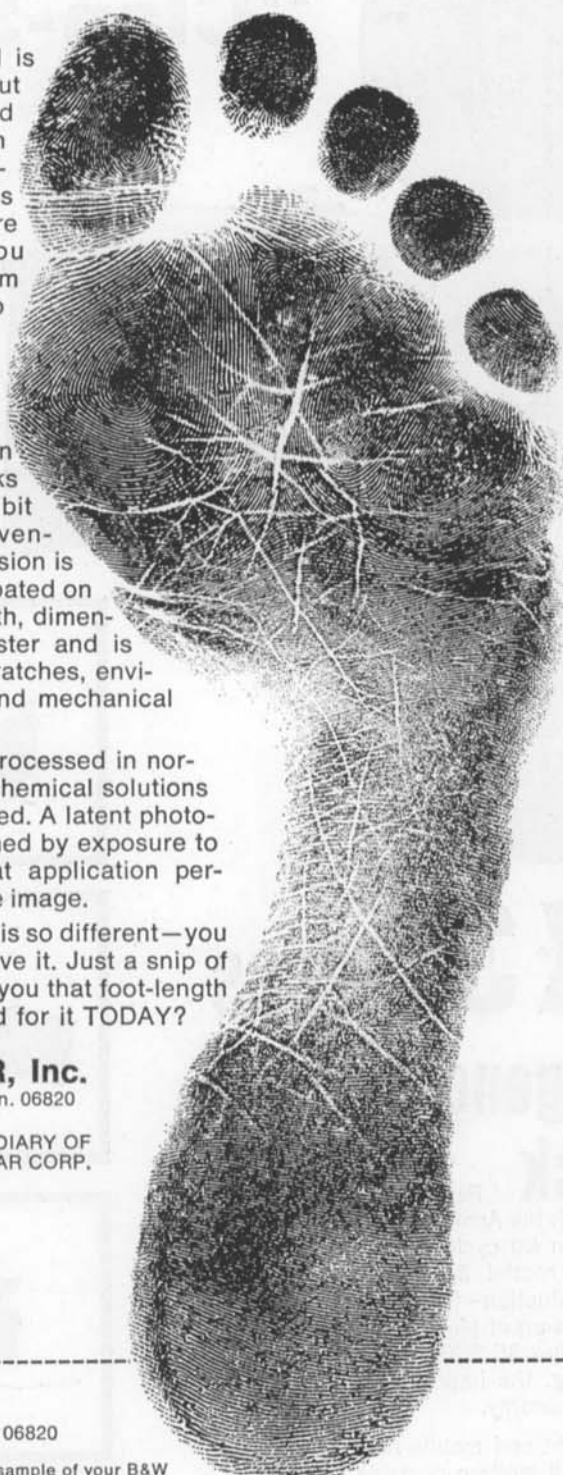
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black and the illumination will come from projection on the screens. Slides and motion pictures will be equipped with dissolve controls to provide continuity. The sound system will be related to the visual exhibit (for example the amplified hum of an insect accompanying a motion picture showing the cycle of an insect's life). The flexibility of the movable screens will make possible different arrangements appropriate to the various exhibits. The first show, entitled *Homo Sapiens*, will utilize advanced medical photography to show the inside of the human body. External similarities and differences between various types of *homo sapiens* will be shown photographically.

The GE Telecenter is a new television studio established by General Electric Co. at Electronics Park, Syracuse, N.Y., for use in conducting color television seminars, live demonstrations of the latest GE television studio equipment and customer service schools. Operating equipment in the studio includes two PE-350 live color cameras, a complete film island with two PE-240 color film cameras, a new PF-12-A four-in, two-out color optical multiplexer, 11 color and monochrome display monitors and associated switching and control equipment. An area adjoining the studio has been reserved for demonstration of GE's large-screen TV display projection system, capable of producing pictures up to 15 by 20 ft. Two units, one color and one monochrome, display off-air, live camera and film programming on both front- and rear-screen displays.

An arena lighting simulating system, developed by GE's Large Lamp Dept. at Nela Park, Cleveland, is used to permit customers to review and evaluate TV camera performance while duplicating the many different lighting conditions encountered in producing remote TV pickups. Shutters under the fixtures permit quick switching or different combinations of light sources among warmed-up lamps.

A portable earth-to-satellite TV station, developed by General Electric's Space Systems Organization to transmit spot news events live and in color from almost every part of the world, was used for the first time to transmit pictures of the Apollo VII splashdown on October 22, it was announced by Western Union International, 26 Broadway, New York, N.Y. 10004. The system's 15-ft paraboloid antenna folds like an umbrella for packing in a box 2 by 2 by 7 ft. The electronic equipment can be packed into a box 15 by 8 by 8 ft. The emergency diesel generator measures 6 by 4 by 8 ft.

The High Sierra Theatre, a motion-picture theater "where patrons can enjoy a gourmet dinner or cocktails while watching a first-run film" has been installed in the Hotel Sahar-Tahoe, South Lake Tahoe, Nevada, it was announced by Richard D. Schofield, Vice-President and General Manager of the hotel. The theatre seats 1,500 patrons. The screen measures 43 by 19 ft and two Century 35mm projectors have been installed. Facilities include special sound systems and lighting and sound can be remotely controlled.



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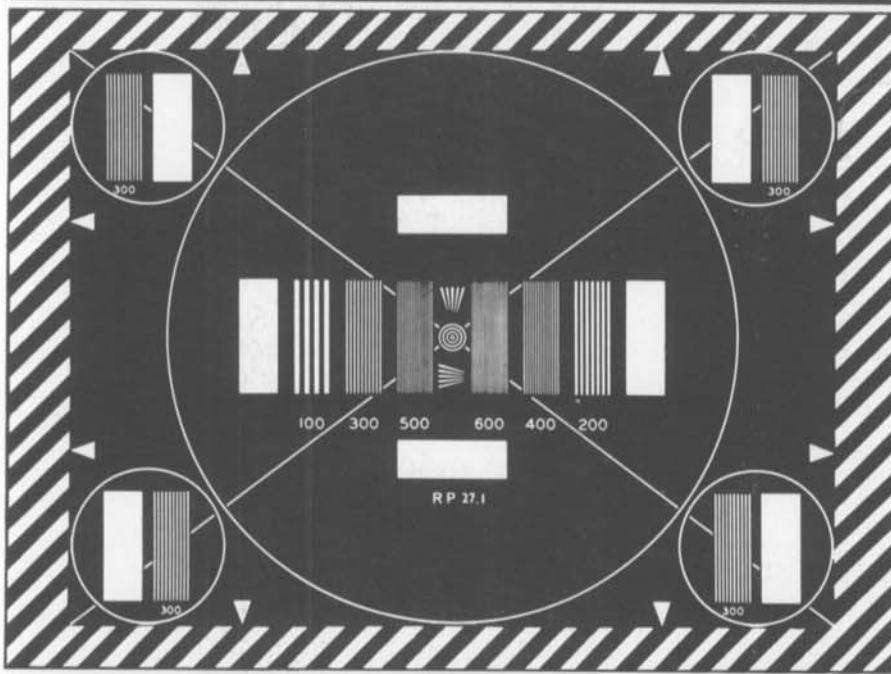
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Scanning Size Eight arrows locate the perimeter of the pattern for accurate orientation and size of scanning.

Field Uniformity Eight white bars for evaluating white level uniformity. Black level uniformity can be determined from horizontal and vertical display.

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Bell Telephone Laboratories has announced an experimental method of "editing" video signals before transmitting them which involves transmitting only significant differences that occur from picture-to-picture in a video signal. The development is expected to lead to a method of transmitting three PICTUREPHONE calls over some facilities that might otherwise carry only one. In a "face-to-face" telephone conversation only a small portion of the picture changes during the conversation. At present, information about the picture is transmitted 30 times each second, resulting in "frame-to-frame redundancy." The new method removes most of this redundancy without reducing picture clarity. The method is called "conditional replenishment" because it transmits (replenishes) only those elements that change between picture frames. The method is described as a digital technique using pulse-code-modulation (PCM) for each frame or picture image. PCM, a technique for modulating communication signals so that they can be transmitted as streams of electrical pulses, was introduced commercially in the United States in 1962 with the Bell System's T1 Carrier System which carries 24 telephone channels over ordinary cable pairs.

Charles Stark Studios, located at the Carvel Inn, 165 Tuckahoe Rd., Yonkers, N.Y., is a new organization created especially for conducting training programs. The facilities are designed to accommodate individuals or companies, who have their own training programs, on a rental basis. Studio facilities, including sound and camera equipment, were designed and installed by Visual Systems Div. of Visual Electronics Corp. of New York.

Calvin Productions, 1105 Truman Rd., Kansas City, Mo. 64199, will conduct the 23d Annual Calvin Motion Picture Workshop February 3-5. The workshop program will review basic procedures in all phases of motion-picture production and will examine many of the newer developments within the industry. Attendance at the Workshop is without charge on a first-come-first-served basis but it is limited to 800.

Philips Broadcast Equipment Corp., Paramus, N.J., has acquired the infrared laboratory of Avion Electronics, Inc., a subsidiary of General Signal Corp., it was announced by John S. Auld, President of Philips Broadcast. Avion contracts will be carried through by the newly formed Government Systems Division of Philips Broadcast. Avion's key technical personnel will be hired by Philips Broadcast and Government Systems Div. will occupy the present Avion facilities.

Calvin Productions, Inc., of Kansas City, Mo., has announced an expansion that will include transfer of most of the production staff to a newly leased office building at 2233 Grand Ave. The building provides an additional 25,000 ft² of office and warehouse space. Laboratory facilities will be expanded into the space vacated at 1105 Truman Rd. The two buildings will be linked by teletype and served by one cen-

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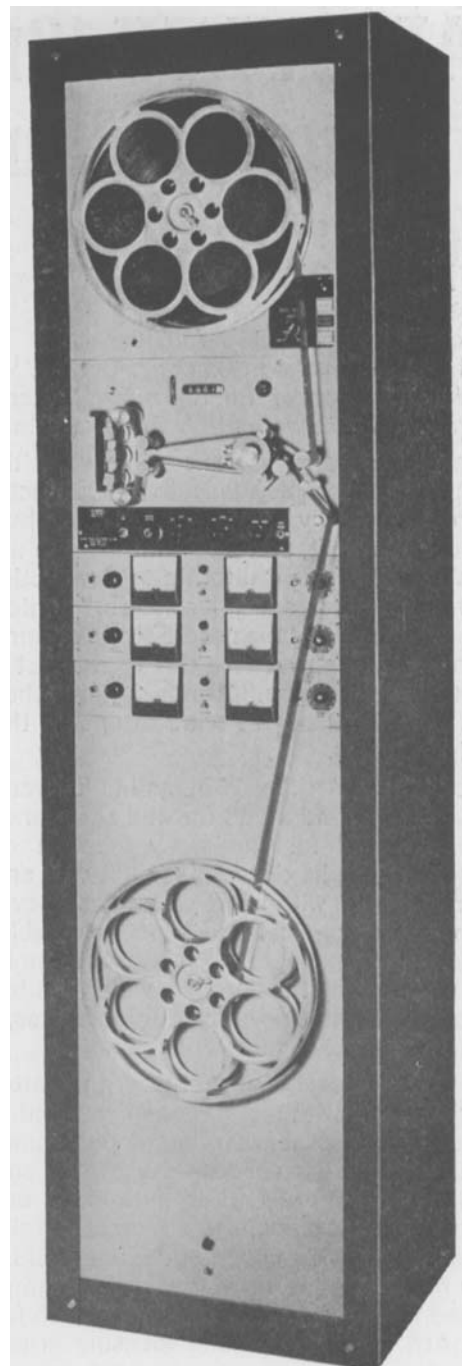
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Victor Duncan chose the ARRIFLEX 16BL to avoid 'bugs' in filming for Volkswagen.

In ordering their 1969 Announcement Film to be produced by the Kerbawy Company, Detroit, Volkswagen had provided Director of Photography, Victor Duncan, with requirements that were almost contradictory.

Intended for large audiences in seven cities, the 45 minute lip-sync photoplay was to be projected on 22 foot screens. Ordinarily a job for 35mm...but the shooting schedule was tight, and involved travel to numerous Volkswagen dealers from California to Connecticut. "Choice of equipment was of special concern," writes Mr. Duncan, "not only because of the needle-sharp requirements of large screen projection, but also due to the fast moving, travel-light nature of the job." 16mm fulfilled the latter requirements—and Arriflex was used to ensure the all-important technical quality.

Choosing an Arriflex 16BL as his 'universal' camera for all sound work, and a 16S for wild shots and cutaways, Mr. Duncan headed for the many location challenges that awaited him. As he describes it, "it was an on-and-off the airplane routine, with short schedules at every stop. It was exciting as a technical and logistical problem. How many magazines, for example, do you carry? The BL's magazines being compact as they are, we were able to pre-load more than enough without overloading ourselves, but this is the kind of thing you've got to consider.

There were acoustical problems too—after spending six easy-going days with the 16BL on the sound stage, we found out just how miserable an automobile showroom—with its wide open, echoing spaces—can be for sound recording. And without many objects to hide lights behind, we often had to rely on available light, or relatively low levels of artificial light. Without much depth-of-field, we constantly had to ride the focus, and often from a camera position too cramped for an assistant. If it hadn't been for the brilliance of the Arri's viewfinder, and focusing grips I could really get my hands on, I'm not sure what we'd have gotten on those 22 foot screens."

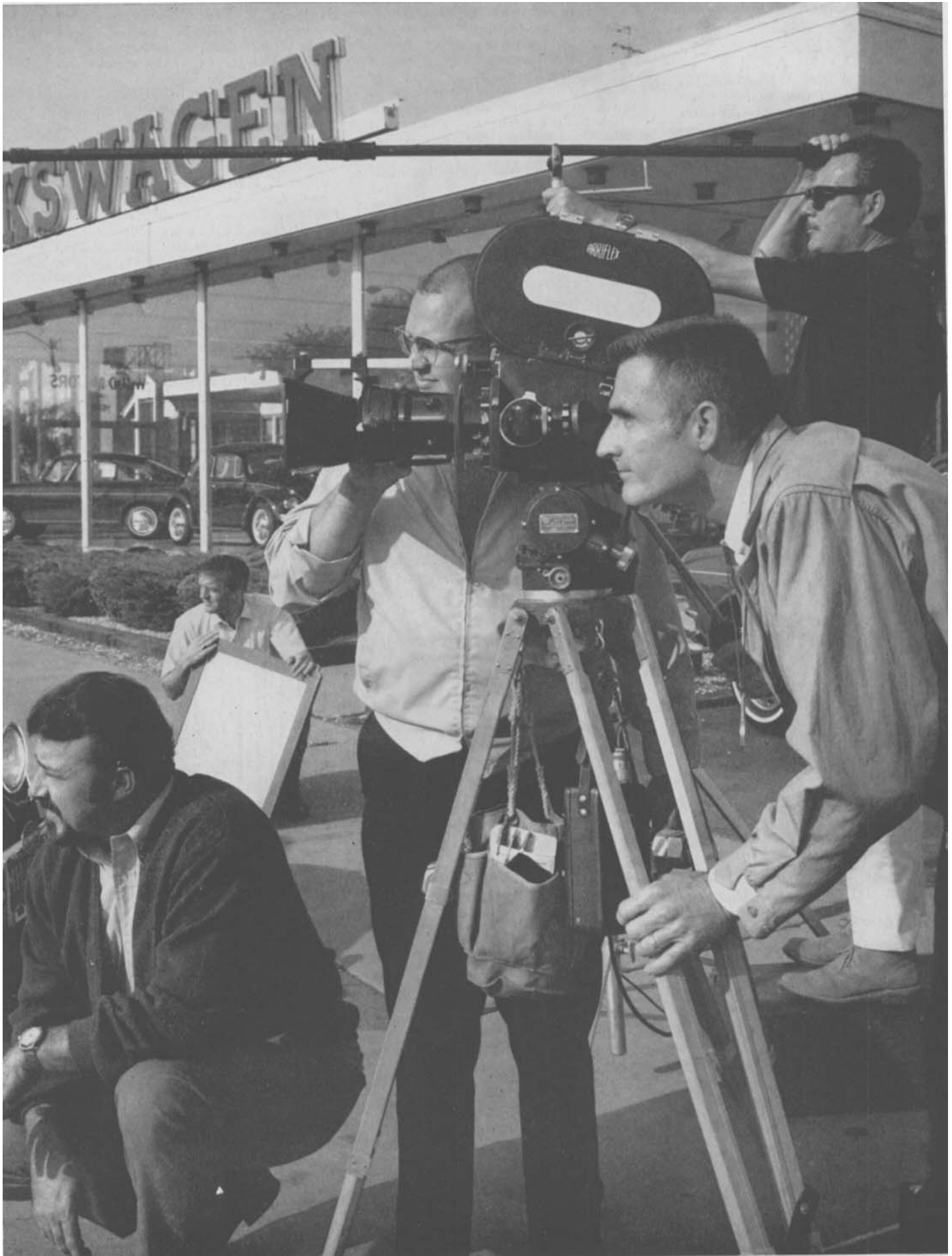
When not mastering filming problems like these, Mr. Duncan runs a lively equipment rental business. An enviable position for a cameraman—it not only keeps the most extensive resources at hand it also gives him an 'inside' knowledge of their performance.

Not only Mr. Duncan, but filmmakers all over the world who really know equipment, choose Arriflex.



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Gil Sorensen

Gerald Plumb

Victor Duncan

William Hevron

tral telephone switchboard. A shuttle bus will make regular scheduled trips between the two buildings.

New owners of William A. MacAvoy, Jr., Inc., 244 N. 10 St., Philadelphia, are Adam B. Cutler and Ruth Cutler. The firm specializes in all types of lighting services for the architectural, television and theatrical fields, including motion-picture theaters. Under the new ownership the firm has expanded its rental, sales and design facilities and has added new services, including 24-hour emergency service and repair facilities for all types of lighting equipment.

Graflex, Inc., a subsidiary of the Singer Company, has acquired Specialized Service and Supply Co. (SS&S) of Cincinnati, Ohio, a firm which provides cataloging services to libraries. The firm was founded in 1966 by Dr. Peter Garvin, a Cincinnati dentist, who will remain as president of the expanded operation. The company prepares books and other materials for library use by cataloging and marking them for handling. Similar cataloging and identifying services are provided for non-book materials such as films, filmstrips, tapes, phonograph records and art prints.

William E. Glenn, General Manager of Applied Research for CBS Laboratories, has received a national citation for his pioneering efforts in the development of a Light Valve Tube which forms the nucleus

of a large-screen color television display system introduced by General Electric Co. The system, which has been under development for several years, has been selected as one of the most outstanding products of 1968 by Industrial Research Magazine in cooperation with the National Conference on Industrial Research. Dr. Glenn, who is widely known for his original work in electron physics and thermoplastic information recording systems, developed the Light Valve Tube while he was with General Electric's Research and Development Center in Schenectady, N.Y. He reported his work on thermoplastic recordings in papers appearing in the September 1962 and August 1965 issues of the *Journal*.

A major expansion program for Berkey Pathé, a division of Berkey Photo, Inc., with headquarters at 322 E. 45 St., New York, has been announced. Subdivisions of Berkey Pathé include laboratories in New York and Hollywood. Expansion plans include expenditure of more than \$1 million for new laboratory equipment and to improve quality control.

Phillip R. Frydendall has been selected by the publishers of *Personalities of the West and Midwest* for listing in the 1968 edition. The directory lists, from all fields, "America's outstanding leaders in recognition of past achievements, outstanding ability and service to community and state." Mr. Frydendall works in the editing department of Fred A. Niles Communications Centers, Inc., Chicago.

Benjamin B. Bauer has been elected President of the Audio Engineering Society. He is Vice-President of the Acoustics and Magnetics Dept. of CBS Laboratories and is considered an authority on audio and acoustics technology. The Audio Engineering Society was formed in 1948 and has an international membership of more than 4,000.

Donald F. Hornig, formerly Special Assistant for Science and Technology to President Lyndon Johnson, has joined Eastman Kodak Co. in an executive capacity, it was announced by Louis K. Eilers, President of Eastman Kodak. In his new post Dr. Hornig will consult with and advise members of the various Kodak Research Laboratories with regard to the company's extensive research and development programs in the United States and overseas. He will also maintain liaison with university and government groups and keep abreast of scientific information from these sources and will work with members of Kodak's marketing and manufacturing divisions on long-term developments as they proceed from the laboratory to the production stage. Dr. Hornig has also been appointed to the faculty of the University of Rochester as Professor of Chemistry. He will conduct courses and seminars for graduate students in chemistry and will supervise doctoral dissertations. He will also conduct independent research in physical chemistry.

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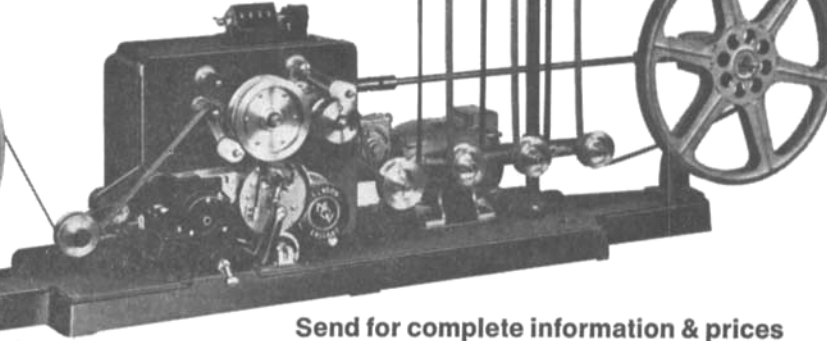
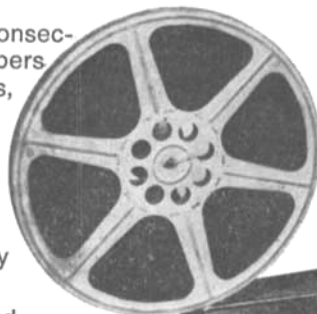
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- ★ Accepts 16mm A and B wind film without any adjustments
- ★ Operating speed of 60 feet per minute
- ★ 2000 foot capacity
- ★ Completely automatic operation—numbers are printed in-between perforations
- ★ Counter records total 16 frame sequences numbered



MOY

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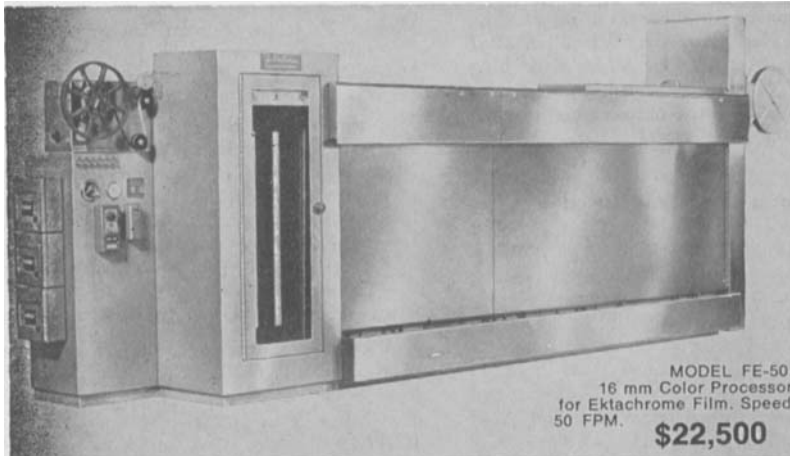
The Money-Makers

FILMLINE'S professional color film processors for motion picture laboratories.

The Filmline Models FE-30 and FE-50 are fast, foolproof, troublefree and long-lasting. They turn out consistently superior work. The design is backed by Filmline's reputation as the world's leading manufacturer of film processors for the motion picture laboratory industry.

Now enjoy the benefits of professional equipment incorporating exclusive Filmline features that have paced the state-of-the-art in commercial, industrial and defense installations at a cost lower than processors offering less.

Check the exclusive Filmline features below:



MODEL FE-50:
16 mm Color Processor
for Ektachrome Film. Speed
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MODEL FE-30:
16mm Color Processor for
Ektachrome film. Speed 30
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- **"FILMLINE OVERDRIVE FILM TRANSPORT SYSTEM"**
This marvel of engineering completely eliminates film breakage, pulled perforations, scratches and operator error. The film can be deliberately stalled in the machine without film breakage or significant change of film footage in solutions. The heart of any film processor is the drive system. No other film drive system such as sprocket drive, bottom drive or simple clutch drives with floating lower assemblies can give you the performance capability of the unique Filmline Overdrive Film Transport System.
- **"TORQUE MOTOR TAKE-UP"** gives you constant film take-up and does not impose any stress or strain on the film itself. Completely independent of the film transport system. This FILMLINE feature is usually found in professional commercial processors but is incorporated on the FE-30 and

FE-50 models as standard equipment. Don't settle for less!

- **"TEMP-GUARD"** positive temperature control system. Completely transistorized circuitry insures temperature control to well within processing tolerances. Temp-Guard controls temperatures accurately and without the problems of other systems of lesser sophistication.
- **"TURBO-FLOW"** impingement dryer. Shortens dry-to-dry time, improves film results, and carefully controls humidity content of your valuable (and sometimes rare) originals. Immediate projection capability is assured because the film dries flat without the usual curl associated with other film processors.
- **"ZERO DOWN TIME"** The reputation of any film processor is only as good as its reliability. The

combination of the exclusive and special added Filmline features guarantees trouble-free operation with absolute minimum down-time and without continual operator adjustments. Recapture your original investment in 2 years on maintenance savings alone. Filmline's "Push the button and walk-away processing" allows inexperienced operators to turn out highest quality film.

- **"MATERIALS, CONSTRUCTION AND DESIGN"** All Filmline machines are constructed entirely of metal and tanks are type 316 stainless steel, heliarc welded to government specifications. The finest components available are used and rigid quality control standards are maintained. Compare Filmline features to other processors costing more money. Feature-by-feature, a careful evaluation will convince you that Filmline offers you more for your investment.

Additional Features included in price of machine (Not as extras).

Magazine load, daylight operation ■ Feed-in time delay elevator (completely accessible) ■ Take-up time delay elevator (completely accessible) ■ Red brass bleach tank, shafts, etc. Prehardener solution filter ■ Precision Filmline Venturi air squeegee prior to drybox entry ■ Air vent on prehardener ■ Solid state variable speed D.C. drive main motor ■ Bottom drains and valves on all tanks ■ Extended development time up to two additional camera stops at 50 FPM ■ Pump recirculation of all eight solutions thru spray bars ■ Temperature is sensed in the recirculation line ■ All solutions temperature controlled, no chilled water required ■ Built-in air compressor ■ Captive bottom assemblies assure you constant footage in each solution ■ Change over from standard developing to extended developing can be accomplished in a matter of seconds ■ Impingement dryer allows shorter put through time.

Partial listing of Filmline Color Installations: — NBC- New York, NBC- Washington, NBC- Cleveland, NBC- Chicago, CBS & ABC Networks, Eastman Kodak, Rochester.

Laboratories: De Luxe Labs, General Film Labs (Hollywood), Pathe-Labs, Precision Labs, Mecca Labs, Color Service Co., Capital Film Labs, Byron Film Labs, MGM, Movie Lab, Lab-TV, Technical Film Labs, Telecolor Film Labs, Guffanti Film Labs, A-One Labs, All-service Labs, NASA Cape Kennedy, Ford Motion Picture Labs.

TV Stations: WAPI-TV, WHP-TV, WMAL-TV, WXYZ-TV, WWL-TV, WMAR-TV, WJXT-TV, KETV-TV, WTOP-TV, WEAT-TV, WCKT-TV, WAVE-TV, WAVY-TV, KTVI-TV, WCPQ-TV, KTAR-TV, WSYR-TV.



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John A. Leermakers, a Kodak Vice-President and Director of Kodak Research Laboratories, has been elected to Honorary Fellowship in the Royal Photographic Society of Great Britain. The honor was bestowed in recognition of his distinguished contributions to photographic science. Dr. Leermakers is the author of 25 technical publications on photography and holds 16 patents. He joined Kodak in 1934 as a research chemist. He was elected a Vice-President and appointed to his present post in 1964. He is a Fellow of the Society and is also a Fellow of the Society of Photographic Scientists and Engineers and the Photographic Society of America.

John Killough has been appointed Vice-President of Acme Film and Videotape Laboratories. He has been with the firm for 20 years. In his new post he will be in charge of film production as well as new projects. He will be succeeded as plant supervisor by Will Van Enger.

Thomas L. Cook has been appointed a sales executive of Reeves Video Div. of Reeves Broadcasting Corp. of New York, it was announced by Robert W. Byloff, President of Reeves Video. Mr. Cook was formerly a staff associated director for CBS-TV in New York. In his new post he will be involved in program production and post-production services.

Bern Levy has been appointed Motion Picture Sales Manager for Angénieux Corp. of America, 440 Merrick Rd., Oceanside,

N.Y. 11572. His previous experience in television and industrial motion-pictures includes affiliations with NBC and United Aircraft Research Labs. In his new post he will be responsible for the sales of Angénieux lenses for motion pictures and closed-circuit television.

Joseph H. Cohen has been appointed Customs Audio Systems Product Manager for Visual Electronics Corp., 356 W. 40 St., New York, N.Y., it was announced by Frank L. Flemming, Chief Engineer. Mr. Cohen was previously employed by Columbia Broadcasting System. In his new post he will supervise design of custom audio systems at Visual's audio manufacturing facility in Pasadena, Calif. Other new appointments include the promotion of Kenneth B. Schneider to the post of District Sales Manager in Georgia and Florida. Mr. Schneider had joined Visual in 1967 as Product Manager for Video Switching Systems. He was formerly associated with NBC and ABC in the network engineering departments.

F. Cervantes has been elected a Vice-President of Infonics, Inc., 11650 West Olympic Blvd., Los Angeles, Calif. 90064. The firm manufactures magnetic-tape duplicators. Mr. Cervantes was formerly Chief Engineer and he directed the development of the firm's low-priced cassette duplicators. Previous associations included Magnasync-Moviola, United Data Control and Gulton Industries where he held senior technical positions.

SMPTE Test Films

The Society has over 50 test films available for testing sound reproduction and projection equipment for both TV and theatrical presentations.

Most SMPTE test films are prepared in accordance with U.S.A./SMPTE Standards. The films are used for testing picture steadiness, traveling ghosts, framing, alignment, and focusing. Sound test films are used to check sound system frequency response, magnetic head or optical train alignment, and sound optics focusing.

A list of the groups of films follows:

- Television—Alignment, Resolution, TV System Evaluation
- 35mm—CinemaScope—Projection Evaluation; image and 4-track magnetic sound tests
- 35mm—Projector Screen Image Evaluation
- 35mm—Sound Reproduction Tests: Optical
- 35mm—Sound Reproduction Tests: 3-track and single-track magnetic
- 70mm—Test Film, Projector Evaluation and Alignment: Image
- 16mm—Sound Reproduction Test: Optical
- 16mm—Sound Reproduction and Image Tests for Projector Screen Image Evaluation
- 8mm—Projector Screen Image Evaluation

A catalog containing details and prices of all SMPTE test films can be obtained from Society Headquarters, Att: SMPTE Test Films, 9 E. 41st St., New York, N.Y. 10017.

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