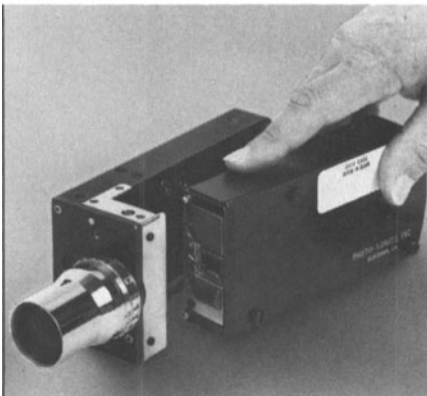


# The year of Compacts.

## Ours:

*The smallest self-contained 16mm high-speed motion picture camera available today!*



### Photo-Sonics 16mm-1VN

Overall size with 65-foot magazine illustrated (less lens) is only 2 1/8" x 2 1/8" x 6 7/8". One version has pulse rates to 12 pps and cine from 16 to 100 fps. The other has cine rates from 24 to 200 fps. Both include LED timing lights. Plug-on Apex automatic exposure control is optional.

Our "compact" features the famous Photo-Sonics quality, reliability and ruggedness. Field-proven movements, utilizing 2 pull-down and 2 register pins, are housed in magazines available in 50', 65', 100' and 200' capacities, darkroom and daylight loads. Magazines can be interchanged in just a few seconds!

### **ACTIONMASTER** / 200

*the one the pros use*

A 7 1/2 lb. documentary version that utilizes the standard 16mm-1VN, includes a built-in rechargeable battery pack, variable rate power zoom with 12.5-75mm lens, and handle. Especially suited for use in confined areas. Special Apex automatic exposure control is also available for this version.

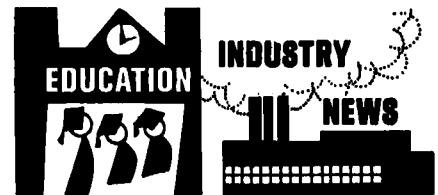
Write, wire or phone for complete information

Exclusive Distributors



**INSTRUMENTATION MARKETING CORP.**

820 South Mariposa Street, Burbank, California 91506  
Phone 213-849-6251, Telex 67-3205.



The Calvin Communications 29th Annual Motion Picture Workshop will be held 3-5 February 1975 on the sound stage at the Calvin Laboratory Div. facilities, 1105 Truman Rd. and at Calvin Production Div. Headquarters at 215 W. Pershing Rd., Kansas City, Mo. The program will include reviews of basic procedures in all phases of motion-picture production with the emphasis on improving filmmaking techniques, communication of ideas and film economics. The 1975 Workshop will provide substantial in-depth coverage to the developing trends in the film industry. Presentations and demonstrations by guest speakers and by the Calvin staff will cover a wide variety of subjects relating to filmmaking techniques and laboratory services. Seminars will be conducted on such subjects as motion-picture production, editing, sound recording and various laboratory techniques. Other events will include the showing of notable films and an extensive equipment exhibit. Further information is available from: Workshop Registration Chairman, Calvin Communications, Inc., 215 West Pershing Rd., Kansas City, MO 64108.

Ten low-powered (1 mW) helium-neon lasers supplied by Metrologic Instruments, Inc., 143 Harding Ave., Bellmawr, NJ 08030 were used in *War of the Angels*, a spectacle described as a multimedia miracle play, shown on 18 July in Washington Cathedral in Washington, D.C. Produced by Reginald Pollack, who had the idea of using lasers to create the illusion of angels in conflict, four of the laser's bright red spots remained at fixed points inside the Cathedral's rosettes. He used six lasers in constantly varying activities during the 90-minute show. For example, lasers were used to create mobiles of light on the dancers' hands, for sketching the Cathedral's architecture and even for creating an angelic "chase scene." The lasing medium determines the beam's color. Neon produces a red beam at a wavelength of 632.8 nm; ruby, a deep red at 694.3 nm; and cadmium, a royal blue at 442 nm.

Rochester Institute of Technology, One Lomb Memorial Dr., Rochester, NY 14623, will be host to the 29th Annual University Film Assn. Conference 18-22 August 1975 it was announced by Stuart A. Selby, UFA President. The Program Chairman is Prof. Peter Dart of the University of Kansas and Prof. Reid Ray of RIT's Filmmaking/Television Department is General Arrangements Chairman.

The American National Metric Council has announced its first Annual Conference and Exposition to be held 17-19 March 1975 at the Washington Hilton Hotel in Washington, DC. The conference will be structured as a report to the nation on the status of metric conversion in the United States and abroad. There will be a number of exhibits from organizations offering metric products and ser-

# Jamieson film processors because...

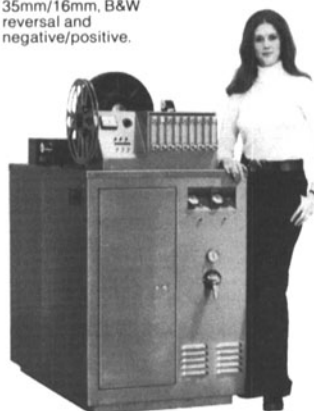
... they're lower priced, operate more economically, and have proved themselves in 100s of installations in 23 countries.

We offer three basic groups or series of processors, and our patented, small reservoir tube tank is the key to them all. It combines the transport rack and solution tank in one small unit, which results in several major advantages:



- Film advances virtually tension-free. The demand top-overdrive film transport uses no clutches, floating rollers or film sprockets.
- Smaller machines take only half the floor space.
- Solution volume is reduced 15 times over open-tank designs.
- Temperature in primary solutions is controlled to an accuracy of a few hundredths of a degree.
- The elliptical shape of the tubes protects the film and provides high induced turbulence.

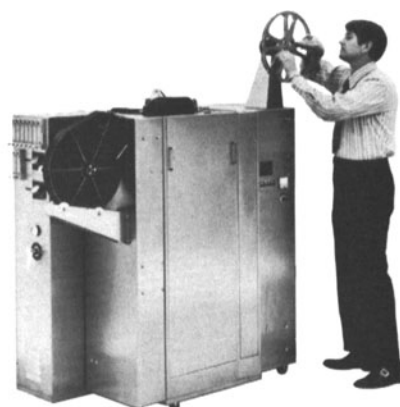
**JAMIESON COMPAC 16/8**  
Conducts standard ME-4 at 20 FPM. Runs 16mm and 8mm interchangeably. Models available for 35mm/16mm, B&W reversal and negative/positive.



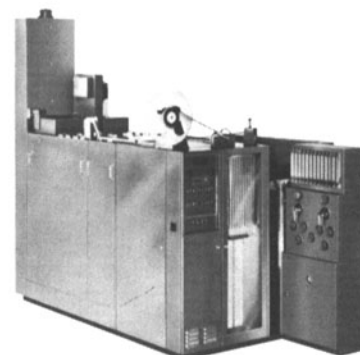
Other important features include: Lower maintenance and labor costs, and less power and water usage. The small volume of solution in the machine gives long-term stability and improved cleanliness. And film threading is both easier and faster, accomplished without removing the tank.

Because of our equipment's modularity and flexibility, we can custom design processors for combination processes or for special requirements.

Write for our new brochure and data sheets on all our models. And give us an opportunity to quote on your processor requirements.



**JAMIESON MARK IV, Model A**  
Runs 16mm and 8mm Ektachrome at 30 FPM. Model B for ECO-3 and ME-4 with silver track. Other models for 35mm processes, including CRI.



**JAMIESON MARK IX, Model B**  
Conducts ECO-3 and ME-4 for all 16mm, 8mm Ektachrome camera and print films at 65 to 75 FPM. Other models run Eastman Color and other processes in 16mm and 35mm.



Yes, I'd like to see your new brochure and data sheets on your color and B&W film processors for 8mm, 16mm and 35mm film.

Name \_\_\_\_\_ Title \_\_\_\_\_

Firm \_\_\_\_\_ Division \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**JAMIESON FILM COMPANY**

EQUIPMENT DIVISION 6911 Forest Park Road, Dallas, TX 75235 — (214) 350-1283 Represented in Europe, the Middle East and South Africa by W. Vinten Limited. Cable: JAMIESON



VICES and from companies currently engaged in metric conversion programs.

**The Applications Technology Satellite (ATS-6)** launched by National Aeronautics and Space Administration will beam television directly to about 110 small ground stations located in remote communities and hospitals for a number of new health and education applications. Low-cost ground television terminals for ATS-6 developed by Westinghouse Electric Corp. in Baltimore have a rugged, simple terminal construction that makes it possible for teachers and nurses aides to operate the satellite ground terminal with very little training.

Some of the experimental applications in-

clude: physicians prescribing treatment for patients in remote Alaskan villages by "hearing" and "seeing" through a satellite; students studying medicine via satellite in areas that do not have medical schools; Veterans Administration hospitals in the Appalachian area exchanging medical information by satellite for educational and clinical purposes; beaming of instructional programming and public broadcasting from a satellite to 18 remote Alaskan communities; Junior High School students in 56 rural communities throughout the Rocky Mountain States receiving programs in career education directly by satellite; and the University of Kentucky using a satellite to offer graduate-level courses to elementary-school teachers in 15 Appalachian communities.

A voice communications link had been in-

stalled previously between native health aides in 26 Alaskan villages and Public Health Service physicians in Tanana, Alaska. The ATS-1 communications satellite has been relaying voice consultation between health aides and physicians since 1971. The ATS-6 satellite is expanding this service. In the Alaskan villages of Galena and Fort Yukon, two-way television and telecommunications equipment for use with the ATS-6 satellite provide additional information to Public Health Service physicians enabling them to help the native health aides. Television pictures of the patient along with heartbeat and electrocardiogram information can be transmitted via the ATS-6 satellite. Specialists in Fairbanks and Anchorage can now both "see" and "hear" the patient.

**CINE** (Council on International Nontheatrical Events), 1201 Sixteenth St., N.W., Washington, DC 20036, will hold its Annual Awards Ceremony and Showcase 20-21 November at the Mayflower Hotel in Washington, D.C. Registration will begin on 19 November and at 3:00 P.M. there will be a showing of U.S. Government films which have received Golden Eagle certificates. Highlights of the two-day event will be presentation of CINE Eagle certificates and the presentation of international awards by foreign diplomats at the annual awards banquet.

**The U.S. Commerce Department's National Technical Information Service (NTIS)** has announced that it will provide access to the "largest and most authoritative collection of evaluated engineering design data in the world" through an agreement with Engineering Sciences Data Unit (ESDU), London, England. The agreement allows United States customers to obtain the highly specialized ESDU evaluated data. ESDU sifts masses of published and unpublished research results for relevant data, reduces them for comparison and resolves anomalies. The basic ESDU package is the Data Item, a set of loose-leaf sheets devoted to a single topic and containing graphical data, equations and tables together with definitions and terminology, explanatory matter and worked examples. Data are generally presented in nondimensional form to assist application over a wide range of values of the parameters involved and can be used with either metric or British units.

**Super-8 Film In Television** (Kodak Publication No. H-40-7), one of the series of *Video-film Notes*, is available from Eastman Kodak Co.'s Motion Picture and Audiovisual Markets Div., Rochester, NY 14650. The 12-page brochure includes discussions of such topics as: Making Television Program Recordings With a Super-8 Camera; Recording Sound With Super-8 Film; Reproducing Super-8 Films in Telecine; Picture Quality Considerations; and Cost Advantages. Illustrations and diagrams are included. The Kodak Supermatic Film Videoplayer VP-1 is illustrated and described.

**Byron Motion Pictures, Inc.**, 65 K St., N.E., Washington, DC 20002, has announced that its Color-Correct trademark, registered in 1945, now applies to videotape products according to a recent action by the U.S. Patent Office. The original use of the trademark applied only to 16mm prints. The action of the Patent Office extends the firm's exclusive

World's standard  
**FREZZOLINI**  
means *Craftsmanship*

Model LW-16  
TV newsfilm  
& documentary  
professional  
sound-on-film  
16mm camera.

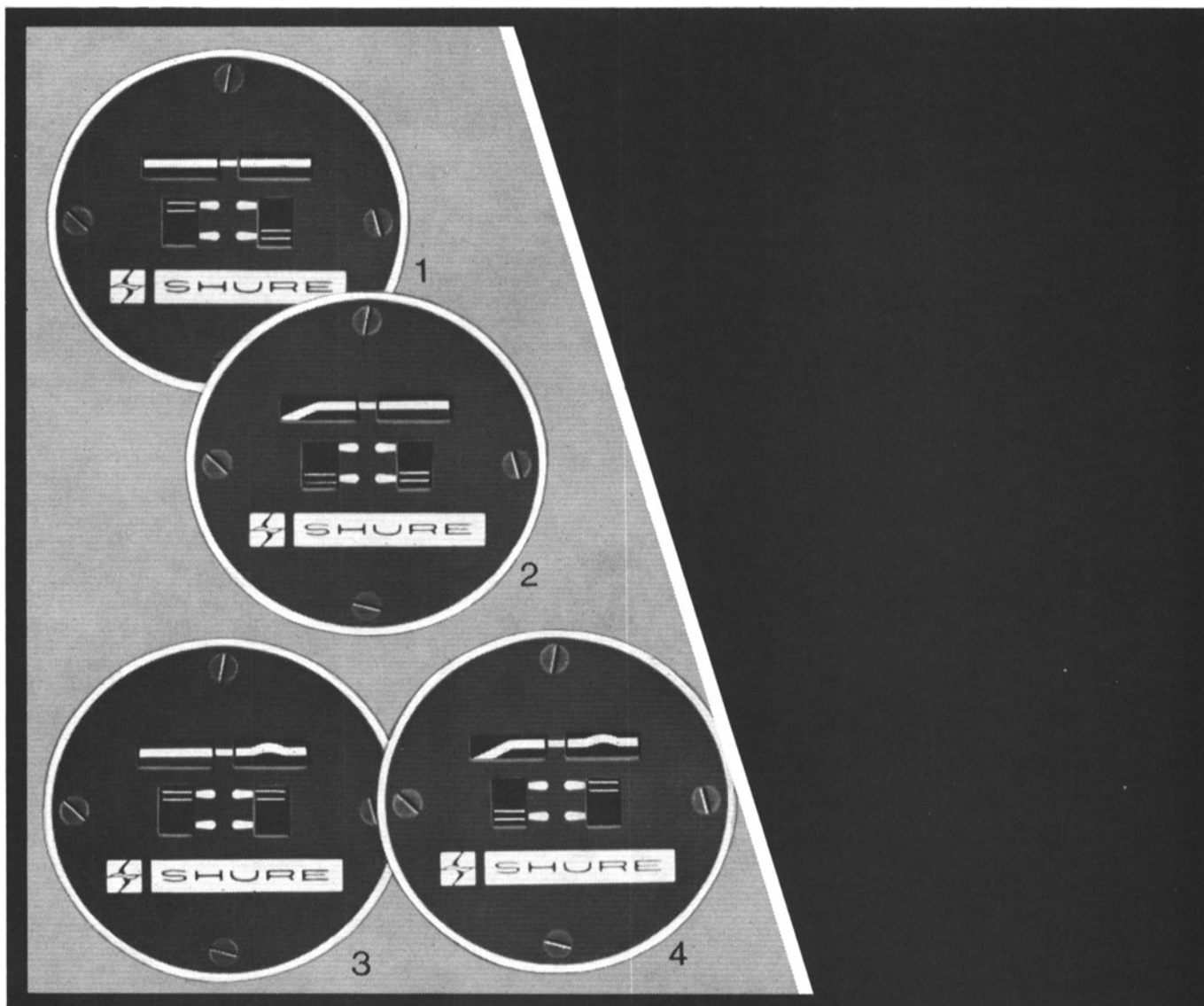
Featuring  
BACH  
AURICON  
movement

MADE IN  
U.S.A.

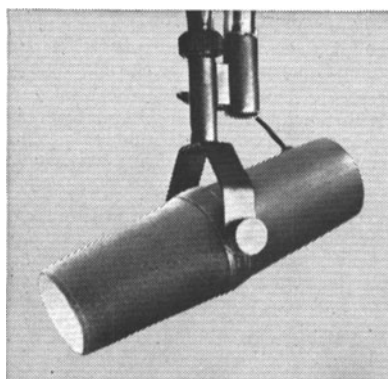
Available  
with/without  
advanced  
automatic iris  
powered  
from camera.

Camera in white, or  
colors, or standard black.  
Write or phone  
Jim Crawford

General Research Laboratories  
DIVISION OF  
**Frezzolini Electronics Inc.**  
7 Valley St., Hawthorne, N. J. 07506  
PHONE: (201) 427-1160



**What you see is what you get.**



The extraordinary Shure SM7 professional microphone features something you've never seen before: a *built-in Visual Indication Response Tailoring System* that offers you four different frequency response curves—and shows you the curve you've selected with a graphic readout (see above) at the back of the microphone! Choose: 1. flat response; 2. bass roll-off; 3. presence boost; 4. combination of roll-off and presence. And there's more: the SM7 delivers exceptional noise isolation with a revolutionary pneumatic suspension mount . . . an ultra-wide, ultra-smooth frequency response . . . an integral "pop" and wind filter . . . and a cardioid pickup pattern that looks "text-book perfect." The Shure SM7 Studio Microphone was extensively field-tested in recording studios and broadcasting stations! Write:

Shure Brothers Inc.  
222 Hartrey Ave., Evanston, Ill. 60204  
In Canada: A. C. Simmonds & Sons, Ltd.



right to use the Color-Correct trademark to all widths and types of motion-picture, film-strip of slide prints as well as to videotape products. The Patent Office moved the trademark from the Supplementary Register to the Principal Register and extended the copyright for 20 years.

**Tapper/Reingold, Inc.**, 315 W. 57 St., New York, NY 10019, a new film and tape production company, has been established by Ed Reingold and David A. Tapper. Mr. Reingold was formerly Manager of Film Services for WNET/13 where he was responsible for the design and operation of all film facilities including the supervision of film crews, film editors and laboratory and sound studio opera-

tions. Among the productions he supervised are *The Great American Dream Machine*, *An American Family* and *Theatre in America*. In addition to many documentaries, Mr. Tapper packaged, produced, wrote and directed the award-winning films, *Circus Town* and *The Street of the Flower Boxes*.

**Technology Inc.**, HF Photo Systems Div., 11801 West Olympic Blvd., Los Angeles, CA 90064, has appointed Braun Electric Canada, Ltd., its exclusive representative, it was announced by Wendell Lewis, Vice-President and General Manager of the HF Photo Systems Division. Braun will distribute HF products including Little Max (*Journal*, p. 878, October 1971) and other color processors as well as silver recovery units.

**Peter C. Goldmark**, President of Goldmark Communications Corp., has been named an active member of the Smithsonian Council, a continuing advisory panel of outstanding leaders from fields of research and public service of importance to the Smithsonian Institution in Washington, D.C. S. Dillon Ripley, Secretary of the Smithsonian said: "The advice of the most distinguished scholars and scientists has guided the Institution in the development of its activities for the advancement of knowledge and popular understanding of the arts and sciences for 126 years."

Dr. Goldmark is presently directing a national pilot New Rural Society study in a town area of northeastern Connecticut. His concept of the New Rural Society involves the use of telecommunications to improve the quality of life in rural communities.

**Flip Schulke**, a free-lance photographer with the Black Star picture agency in New York City, has joined the faculty of the School of Journalism at the University of Missouri-Columbia as Associate Professor. He filmed and directed *Tektite-Two-Man in the Sea*, an award-winning TV special, and has also been awarded the CINE Golden Eagle Award for a science documentary. One of Mr. Schulke's major interests is underwater photography. He is the author of "Some Technical Aspects of Underwater Cinematography" in the December 1973 issue of the *Journal*. The paper deals with underwater optics, viewfinders and lighting and power sources.

**Ivan D. Barton** has been appointed District Manager, VTR Products for Sony Corp. of America, 9004 Ambassador Row, Dallas, TX 75247. He was formerly Regional Manager for Philips Broadcast Equipment Corp. in Houston. In his new post he will represent Sony in Oklahoma, Arkansas and Tennessee. His headquarters will be in Tulsa, Okla.

**Bert H. Dann** has been named Vice-President and Technical Advisor to the President at International Video Corp., 990 Almanor Ave., Sunnyvale, CA 94086. He joined IVC in 1968. His most recent post was that of Manager, Advanced Engineering. He has also held other managerial and engineering positions in the company.

**Kenneth Seelig** has been appointed Manager of the Video Department of The Camera Mart Inc., 456 W. 55 St., New York, NY 10019. He was formerly Senior Project Engineer for TPT Communications Inc.

**Floyd Weber Jr.** has been appointed Vice-President, Engineering, for Byron Motion Pictures, 65 K St., N.E., Washington, DC 20015, it was announced by Dudley Spruill, Executive Vice-President and General Manager. Mr. Weber was formerly in charge of organizing service and other operations of the videotape department. Before joining Byron Motion Pictures in 1970, Mr. Weber was Vice-President, Technical, for Mecca Laboratories in New York City. Mecca Laboratories has since been absorbed by Technicolor Corp. In his new post Mr. Weber will be in charge of all mechanical operations and cleanliness and safety standards. In addition he will coordinate technical procedures with the production, sales and customer service functions.

**same day**  
16mm/super 16  
**DEVELOPING**  
**and PRINTING**  
commercial & high speed  
**Ektachrome**  
& 16 & 35mm B&W Reversal

16mm/super 8  
**ANSWER PRINTS**  
SWIFTLY FROM  
COLOR NEGATIVE  
OF REVERSAL

**bebéll**<sup>®</sup>  
INCORPORATED  
MOTION PICTURE LAB DIVISION  
416 West 45 St. New York 10036  
PHONE: (212) 245-8900  
WRITE, WIRE, PHONE FOR PRICE LIST

16mm/super 8  
Internegatives  
CRIs  
Masters

16mm/super 8  
**release**  
**prints**



Look through the viewfinder on a CP-16R reflex. You'll be struck by the dramatic difference in the image you see!

*The secret is in our unique fiber optics viewing screen.*

Its image enhancing properties make it a vital part of the CP-16R reflex viewing system — the most advanced viewing system available on any 16mm camera on the market today.

Our fiber optics viewing screen has the same image stopping properties as conventional ground glass. But without the same loss in light transmission. You will be truly amazed at the picture definition, the sharpness of detail in the image you get, whether the camera is running or not. Even in the brightest ambience, when the lens iris is stopped down. Since there is no ground surface on the fiber optics viewing screen, there is no dark, coarse and grainy image. And critical focusing may be accomplished with great ease, outdoors as well as indoors.

Of course, the CP-16R fiber optics viewing screen also permits edge-to-edge critical focusing over the entire field of view. No ground spot in the center. No guessing at the depth of field. Ideal for TV-news filming. Essential for documentary and studio\* filming.

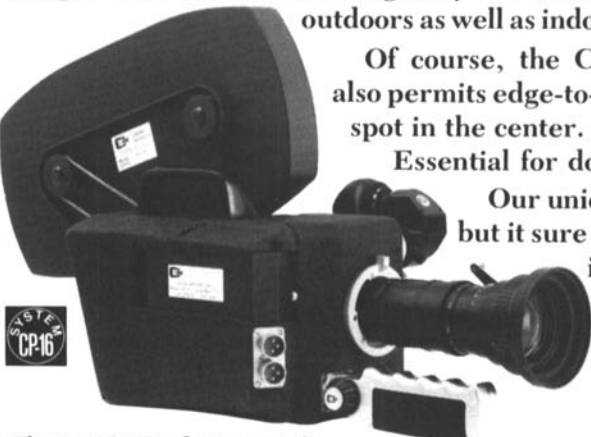
Our unique fiber optics viewing screen may look like a "little" thing — but it sure makes an important difference. And it is but one of the many innovative engineering features that make the CP-16R reflex the most outstanding 16mm camera system ever.

For further information, please write to:

**cinema E products**  
CORPORATION

Technology In The Service Of Creativity

2037 Granville Avenue, Los Angeles, California 90025  
Telephone: (213) 478-0711 ■ Telex: 69-1339 ■ Cable: Cinedevco



\*The new CP-16R reflex was recently used by Wolper Productions in the filming of the prestigious six one-hour TV specials on Sandburg's "Lincoln" at Paramount Studios in Hollywood.

**Burt Mills** has been appointed Laboratory Superintendent for Consolidated Film Industries, 959 Seward St., Hollywood, CA 90038, it was announced by Mel Sawelson, Executive Vice-President. Mr. Mills succeeds Ted Fogelman who is now Vice-President of Production.

**John Hodgson**, formerly Head of the Contact Office, has been appointed Feature Production Manager for Rank Film Laboratories Ltd., Denham, Uxbridge, Middlesex UB9 5HQ, England, it was announced by Raymond Dutfeld, Managing Director. Mr. Hodgson has been with the Laboratories for 28 years and has gained processing experience at all levels. In his new post he will be able to

provide advice for lighting cameramen, producers and directors on all matters relating to film processing. His successor as Head of the Contact Office is Jim Gislingham who will have overall responsibility for technical liaison with production companies on features, short films and documentaries.

**Donald E. Morgan** has been appointed Manager, VTR Engineering for International Video Corp., 990 Almanor Ave., Sunnyvale, CA 94086. He joined the firm in 1972 as Manager, BCR Products. He is the author of "The Servo System for a Helical Broadcast Recorder" in the February 1974 *Journal*. The paper describes the IVC-9000 servo system.

**Dave Kronick** has been appointed Sales Manager, Motion Picture Products, for Agfa-Gevaert, Inc., 275 North St., Teterboro, NJ 07608, it was announced by R. A. M. Copenrath, President. He replaces Irwin Freedman who has been appointed Regional Manager for the West Coast Motion Picture Dept., succeeding Philip Singer who has retired. Mr. Kronick continues in charge of Visual Products as well as Corporate Advertising and Public Relations.

**Wilbur L. Russell** has been appointed Manager, Western Operations and Technical Sales for Arriflex Co. of America, 25-20 Brooklyn-Queens Expwy. West, Woodside, NY 11377, it was announced by Volker W. Bahnemann, Vice-President and General Manager. Mr. Russell joined Arriflex in 1972 and was appointed Technical Representative assigned to the West Coast headquarters in Burbank. In his new post he will be responsible for Arriflex's sales and service operation for the western states.

**Jack B. Hanks** has been appointed Market Operations Manager for 3M Company's Magnetic Audio/Video Products Div., P.O. Box 33600, St. Paul, MN 55133. He joined the division in 1955 and most recently had the post of Market Manager, Commercial/Educational Markets. In his new post he will be responsible for marketing, merchandising and advertising activities for products in the professional, retail and commercial/educational markets.

**George M. Weiss** has been appointed to the staff of Century Projector Corp., 165 W. 46 St., New York, NY 10036, as Technician-Projectionist, it was announced by Larry Davee, President. Mr. Weiss was formerly construction and maintenance supervisor for Mann Theatre Corp. in Union, N.J.

**Dane S. Denick** has been appointed National Sales Manager for all xenon products marketed by Macbeth Sales Corp., a division of Kollmorgen Corp., P.O. Box 950, Newburgh, NY 12550. He was formerly Market Representative for Motorola C & E Inc. of Tampa, Fla. In his new post he will be responsible for the administration of all sales of the firm's xenon products on a national basis.

**Marvin Bluth** has been appointed Executive Trainee/Technician for Eclair Corp. of America, 62 W. 45 St., New York, NY 10036, it was announced by Leo Lukowsky, Executive Vice-President. Mr. Bluth has had extensive experience as a writer, director, cameraman and sound man, the announcement stated. Some of his film credits include *The Aborted Savior* (shown at the Lehman College Film Festival), *Proven Blessed, Unexpected Surprise* and *Devoid*. He has also made documentaries in Israel.

## Quality and economy... get both with Takita!

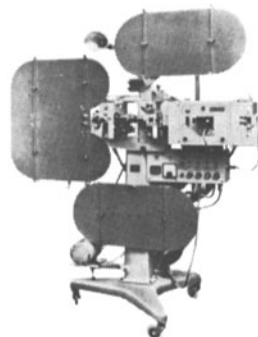


### TAKITA CP-1000

Available in 16, 35 or Super 8 formats • Apertures for Picture, Sound and Composite • Prints Picture and Sound Composite, Double Pass Printing for Separate Picture & Sound Negatives • Roller Gate • Automatic Tightwind Torque Motor Takeups • 2000' Feed Flanges • Notch Cue System • Hour Meter • "Convertible" Lamphouse with Manual Subtractive Filter Holder (2" x 2") • 22 Scene Semi Automatic Light Change • Dual Speed 90/120 fpm • Edge Number Device • Footage Counter • Adapted for Field Installation of Automatic Subtractive Color and Density Change • Fade Device (accessory) •

### TAKITA OP-5100

Single Image Lens • Six Way Lens Mount • Notch Cue System • Hour Meter • 2000' Feed and Takeup Flanges • Torque Motor Takeups • Available in a variety of formats • Registration Pin on camera side • Reduces image from one format to another • Models available to Contact Print and/or Enlarge • Will accept interchangeable camera heads • Standard Model Lamphouse 1000W with manual Subtractive Color Filter Holder (2" x 2") • Automatic Subtractive Color and/or Density Correction •



Choose from a wide range of motion printers with the versatile Takita line, featuring a variety of accessories for virtually unlimited expansion. Takita offers basic units for the economy-minded laboratory desiring commercial quality printing. Takita's in-the-field installation of accessories allows you to expand your versatility as your laboratory's need arises. Contact Cinecraft today to keep-up-to-date with Takita Motion Picture Printers! Write for New Complete Catalog.



**CINECRAFT INTERNATIONAL INC.**

11 Caesar Place Moonachie, N.J. 07074

Phone: (201) 939-0876 Cable: Cinecraft Moonachie