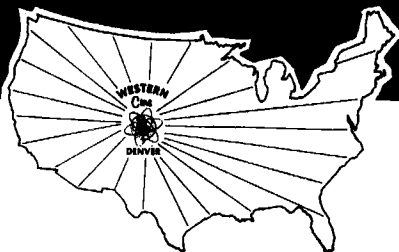


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### EKTACHROME COMMERCIAL

#### 16mm Film

Originals and workprints in color or black and white...also fast processing of Ektachrome ER and MS Film.

#### PROCESSING:

Ektachrome Commercial .045 per ft.  
Ektachrome ER, MS .045 per ft.

#### WORKPRINTS:

(with ink edge numbers)

Color .11 per ft.  
Black & White .07 per ft.

### ULTRASONIC FILM CLEANING!

Academy Award winning Lipsner-Smith Ultrasonic Film Cleaning equipment cleans all original film prior to printing.

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## Education, Industry News

### 7th International Congress on High-Speed Photography

An equipment exhibit will be held in conjunction with the 7th International Congress on High-Speed Photography, September 12-18, 1965, at the Kongresshaus, Zurich, Switzerland. Correspondence about the papers program, exhibits, hotel accommodations, etc., should be addressed to: Office of the Secretary, 7th International Congress on High-Speed Photography, P.O. Box 189, 8033 Zurich, Switzerland. The Secretary's Office should be notified by December 31 concerning papers planned for the presentation at the 7th Congress. The information should include exact titles. Deadline for receipt of abstracts at the Office of the Secretary is May 31, 1965. At the Congress, simultaneous translations of papers and discussions will be provided in English, French and German.

Also participating in the Congress is the Swiss Commission for Optics; Swiss Physical Society; and the Photographic Department of the Swiss Federal Institute of Technology.

As reported in the September *Journal* (p. 806) information on the 7th Congress is available from: Mr. Max Beard, U.S. Delegate to the 7th International Congress on High-Speed Photography, 10703 E. Nolcrest Drive, Silver Spring, Md.

The 5th National Convention and Symposium of the Society for Information Display will be held February 25-26 in the Mira Mar Hotel in Santa Monica, Calif. Session topics include Displays in Space; Displays in the Post-1970 Era; Displays in Simulation; and Displays in Business, Industry and Education. Information is available from the Convention Chairman, Dr. R. E. Bernberg, 591 Tigertail Road, Los Angeles, Calif. 90049.

The Professional Photographers of America, Inc., will hold an industrial cinematography seminar February 18-20 at the Water Tower Inn in Chicago. Workshop coordinator is Jack Behrend. The seminar will cover a diverse range of subjects from animation to motion-picture design and selection. Instructors will be working professionals, including cameramen, directors and laboratory technicians. Enrollment will be limited to 75. Additional information is available from Industrial Division, Professional Photographers of America, Inc., 152 W. Wisconsin Ave., Milwaukee, Wis. 53203.

The University of Southern California's Department of Cinema has received a grant of \$112,586 from the U.S. Office of Education to study the feasibility of extending the automated cataloguing service developed by Glenn McMurry (*Journal*, p. 590, July 1964) to include all audiovisual materials used in an eight-county southern California area.

Mr. McMurry, who is USC's Director of Film Distribution, taught himself how to program a computer and how to operate the machines associated with it in order to

develop a system that would get all the details related to USC's extensive film library on computer tape. He will head the staff directed by the grant to "examine the feasibility, problems, costs and all details related to such a computerized service." The study, which will be conducted with the cooperation of all audiovisual libraries in Los Angeles, Imperial, Orange, Riverside, San Bernardino, San Diego, Santa Barbara and Ventura counties and will extend over a two-year period.

The computer technique makes it possible for the user to acquire, in a few seconds, information on any film title including print number, a summary of the material included in the film, where previewed, to whom rented or sold, transportation charges and total charges.

The USC research program will be under the administrative supervision of Bernard Kantor, Professor of Cinema and Chairman of that department at USC.

The Winona School of Professional Photography, Winona Lake, Ind., has announced an Industrial Film Workshop and a course in Motion Picture Film Editing, both to be held Sept. 20-25, 1965. The Workshop is designed to cover all phases and techniques of simple motion-picture production and registrants will be expected to produce several finished motion pictures during this intensive one-week course. The course in Motion-Picture Film Editing is designed to provide beginning, industrial, government and film editors with short-term formal training in creative editing. Workshop coordinator will be Allie C. Peed, Jr., of Eastman Kodak Co. Instructors will include Earl Stanton of Bell Aerosystems Co.; Prof. Fritz Albert, University of Wisconsin; Bob Beeler, Eastman Kodak Co.; and Harry E. Paney, Arthur Anderson & Co. Mr. Paney will also be coordinator of the Motion-Picture Film Editing course, instructors for which include Mr. Stanton; Jack Behrend of Behrend's, Inc.; Allen Hilliard, Geo. W. Colburn Laboratories; William Mahaffey, Sandia Corp.; John Sims, Canada Dept. of Agriculture; Mr. Peed and Mr. Beeler.

Optical Instruments Corp., 6450 Dales St., Buena Park, Calif. 90621, is a new corporation specializing in the design, manufacture and testing of optical systems or components. The firm anticipates spending more than 50% of its capital expenditures on test equipment, the announcement stated. President of the new firm is E. K. Thorburn. Mr. Thorburn was formerly associated with leading optical companies in Southern California in both management and engineering capacities.

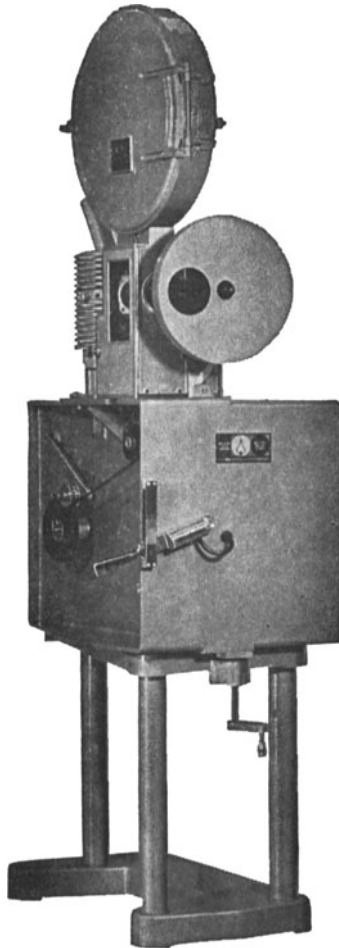
Philip A. Hunt Chemical Corp. has announced acquisition of all of the outstanding stock of Wayland Chemical Co. in exchange for shares of Hunt Class A common stock as part of merger proceedings in which Wayland will be merged with the Hunt Co. A manufacturer of photo-

# Inspect every foot before it leaves your plant with the HFC High Speed Heavy Duty Inspection Projectors -- 16mm & 35mm models now available.

## NEW

The projector is a converted front shutter Simplex with a two pin intermittent. 16mm or 35/32 film runs at a speed of 144 ft. per minute while 35mm film runs at a speed of 165 ft. per minute.

1. A variac controls the light intensity.
2. A 500 watt lamp is used for 16mm and a 1,000 watt for 35mm (a blower is used to cool the lamphouse).
3. A 2½ inch projection lens is furnished with each unit.
4. A start-stop lever controls the power to the lamp and motor.
5. The magazine and take up core takes up to 3,000 ft. of film.
6. Upper guide rollers are made to handle the film from either direction of the feed reel.
7. A free wheeling take off flange is provided in the magazine.
8. A lamp near the takeup reel permits hand inspection of the film prior to takeup.



## NOUVEAU

Le projecteur contient un obturateur Simplex antérieur transformé avec deux clavettes intermittent. Les films de 16mm ou 35/32 tournent avec une vitesse de 144 pieds à la minute, tandis que les films de 35mm tournent avec une vitesse de 165 pieds à la minute.

1. Le regulateur de voltage d'intensité d'eclairage.
2. La lampe de 500 watt est nécessaire pour les films de 16mm, et de 1000 watt, pour les films de 35mm (un ventilateur est mise pour rafraichir la chambre de la lampe).
3. L'objectif de 2½ est installé.
4. La manette de mise en marche et d'arrêt controle en meme temps la lampe et le moteur.
5. La boîte de films avec noyau peut contenir 3000 pieds du films.
6. La roue supérieure est construite de manière de recevoir le film dans les deux directions, nourrie par la bobine centrale.
7. Une roue est installée pour libérer rapidement le film de la boîte.
8. La lampe se trouve pres de la bobine recepteuse, et donne toute facilité pour inspecter le film a main dans le projecteur.



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## NUOVO

Questi proiettori sono Simplex trasformati, otturatore al fronte, meccanismo di scatto di due punte. La velocità di proiezione in 16 o 35/32mm è di 144 piedi per minuto, e in 35mm, di 165 piedi per minuto.

1. Controllo manuale della luminosità della lampada.
2. Lampada di 500 watt per 16mm e di 1000 watt per 35mm.
3. Obiettivo di proiezione di 2½".
4. Maniglia per controllo di motore e lampada di proiezione.
5. La cassetta porta pellicola puo contenere 3000 piedi.
6. I rulli superiori di guida sono costruiti per operare con film proveniente di ambi lati della bobina svolgitrice.
7. Disco con montatura sporgente nel magazzino.
8. Una lampadina illumina la bobina avvolgitrice, permettendo l'ispezione manuale del film prima che si avvolga nel proiettore.

## NUEVO

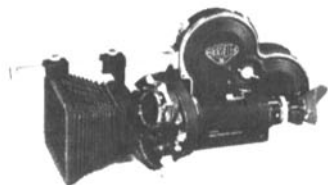
Esta máquina es un proyector simplex convertido, obturador al frente y movimiento intermitente a doble grifa. Para 16mm o 35/32mm, la velocidad fija de proyección es de 144 pies por minuto, para 35mm es de 165 pies por minuto.

1. Un reostato controla la intensidad de la lampara de proyección.
2. Para 16mm se usa una lampara de 500 watt, y una de 1000 watt para 35mm (un chorro de aire ventila las lámparas en ambos casos).
3. Cada unidad está provista de un lente de proyección de 2 pulgadas y media.
4. Una palanca de control opera el motor y la lampara simultáneamente.
5. Capacidad de proyección: rollos de hasta 3000'.
6. Los rodillos de guía superiores operan con la película en ambas direcciones.
7. La tapa de la bobina de carga es desenroscable.
8. Una lámpara ubicada junto a la bobina de toma permite la inspección manual de la película antes que se rebobine en la bobina superior del proyector.

# CAMERA · MART



## ARRIFLEX 16mm CAMERA



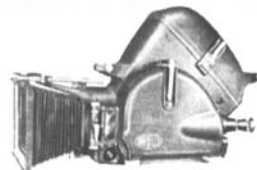
Whether you choose the standard Model S or the new gear driven Model M with Built-in electric slate and sync generator or the latest Model Q noiseless Arriflex—you choose one of the finest 16mm reflex cameras available. Rock-steady registration pin movement.

## ARRIFLEX 35mm CAMERA



Model II-C incorporates the latest improvements in 35mm Reflex cameras. Quick change magazines, mirror reflex shutter. Also available with variable shutter, built-in electric slate and sync generator.

## ARRIFLEX SOUND BLIMPS



For 16mm and 35mm cameras. Compact, noiseless. Accepts 400' magazines (up to 10,000' on 35mm). Sync motor, footage counter, follow focus for studio or location. Also available in new fiber glass materials.

## SIEMENS PROJECTOR



**2000** A high quality optical-magnetic interlock sound projector. Records 200 mil Magnetic track. Mix and playback. Single system optical, single or double system magnetic tracks in perfect sync!

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graphic, graphic arts and x-ray chemicals, Hunt operates 20 branches, sales offices and plants throughout the United States and Canada. Wayland, with facilities in Providence, R.I., manufactures organic chemicals for the photographic and graphic arts industries. The present officers of Wayland, President Sheldon L. Green and Vice-President Harry Kroll, will be the operating officers of the Wayland division following the merger with Hunt.

A series of 10 lecture-seminars on the general subject of the Visual Nature of the Film Medium has been announced by the Museum of Modern Art. The lectures will be given Monday evenings from 8 to 10 P.M., beginning February 1, by Slavko

Vorkapich. Mr. Vorkapich, a native of Yugoslavia who achieved fame in America as artist and film-maker, was formerly (1949-1951) Head of the Department of Cinema of the University of California. He is well known as a lecturer and instructor on the theory and practice of the art of the motion picture. During the lecture-seminar series at the Museum he will discuss such topics as laws of visual perception; bipolar organization; the gestalt law of good continuation; object-motion and the stationary camera; camera movements; creative use of angles; trick photography; and aesthetics of film form and content. Detailed information is available from the Museum of Modern Art, 11 W. 53 St., New York, N.Y. 10019.



## books reviewed

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### My Autobiography

By Charles Chaplin. Published (1964) by Simon and Schuster, 630 5th Ave., New York 20, N.Y. 512 pp., 117 photographs, index, 6 by 9½ in. Price, \$6.95.

### Cecil Beaton's Fair Lady

Published (1964) by Holt, Rinehart and Winston, 383 Madison Ave., New York, N.Y. 10017. 128 pp., 32 photographs, 5½ by 8½ in. Price, \$4.95.

There is little of real technical content in these two highly popular books; their value lies in the fact that they describe the working life of motion-picture people. This is unusual — and done better by the second author than the first. But SMPTE members who have lived and worked in Hollywood, possibly some since the second decade of this century, will find much pleasure in both books.

One has to go through a good many dinner parties with notables to read about Chaplin's experiences in film-making. But there is interest in having the events set forth by one of the chief participants. Film historians will not be able to write in the future about Mack Sennett or United Artists without reference to this book.

Chaplin was born nineteen years after Dickens died, but the first hundred pages of *My Autobiography* — describing events of a tragic and impoverished London childhood — read as though Dickens had invented them. Although irrelevant to movie-making, these pages may yet be made into a movie.

Beaton's book is an exuberant tour of the Warner lot. Though it has its share of swimming and dinner parties, they are not gone into in detail and do not detract from

the experience of looking over a designer's shoulder and sharing in the thoughts that govern his decisions. In this slim and attractive volume (Beaton covers only one picture, while Chaplin deals with a lifetime), scientists and engineers may relax as they watch the artist use the materials they have supplied him.—Ed.

## Books, Booklets, Brochures

A two-color illustrated brochure (No. 25 — Stands) describing the firm's complete line of light stands is available upon request from Ascor, Marketing Dept., 2035 N.E. 151 St., North Miami Beach, Fla. 33162. The brochure describes three categories of stands (light duty, medium and heavy) and gives specifications and prices on each.

**Electronic Projects Catalog No. 8** lists a number of projects or electronic devices that can be constructed by the user according to instructions and materials supplied by Henry Francis Parks Laboratory, Box 1665, Seattle, Wash. 98125. The catalog is available without charge upon request. Some of the projects, for example those intended for use by the medical profession, are restricted. For example, a diathermic machine is described in the catalog as "lethal" and the materials and instructions are sold only to doctors who order it on their letterheads. Unrestricted projects include such items as amplifiers, transistor radios, voltage regulator tube testers, and a number of musical instruments.

**School Scheduling by Computer; The Story of GASP**, a 60-page report on the use of computers in education is available without charge from Educational Facilities Laboratories, 477 Madison Ave., New York, N.Y. 10022. GASP (Generalized Academic Stimulation Programs) is a program, developed at the Massachusetts Institute of Technology, involving use of computers to enable schools to adopt more complex programs, such as team teaching, so that they would be better adapted to the needs of individual students.

The computer program has been used experimentally in high schools in Wayland, Mass., Norridge, Ill., Cohasset, Mass., and Montvale, N.J. This special computer technique was also used to simulate the operation of three community colleges in the St. Louis area before they were built