

new products

(and developments)

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Further information about these items can be obtained direct from the addresses given. As in the case of technical papers, the Society is not

responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

Kodachrome and Kodacolor processing chemicals and color print materials have been announced by Eastman Kodak Co. as available for commercial distribution. Included are the following products:

Chemicals for processing 35mm and 828 Kodachrome Roll Film; Kodachrome Film Splicing Tape — a thermoplastic splicing tape for use in splicing together individual rolls of Kodachrome Film prior to processing; Kodak Gel-Coated Film Leader, 35mm; Kodak Color Print Material, Type K—the material now used by Kodak in the production of Kodachrome

prints; Chemicals for processing Kodak Color Print Material, Type K; Kodak Internegative Color Film — the film used by Kodak in the production of color negatives from Kodachrome transparencies from which the company produces Kodacolor prints; Chemicals for processing Kodacolor Film; chemicals for processing Kodak Internegative Color Film; Kodak Color Print Material, Type III — the print material on which Kodacolor prints are now made; and chemicals for processing Kodak Color Print Material, Type III.

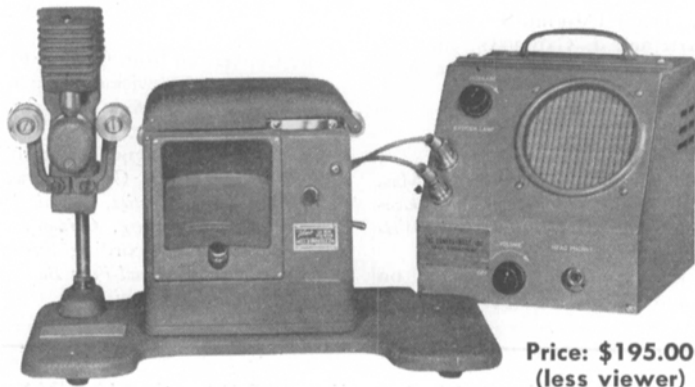
Kodak Papers, a new and completely revised edition of Kodak's Data Book, has just been issued. In this edition the section dealing with the physical and photographic characteristics of Kodak papers has been brought up to date and the balance of the 64 pages has been largely re-written. One-third of the book is entirely new.

Containing the latest information on all the important factors which affect paper characteristics and paper quality, including new methods of speed evaluation and changes in manufacturing techniques, this Data Book is designed to be of maximum helpfulness to the professional user of photographic papers as well as the advanced amateur.

New among the subjects covered are discussions on: contrast variations within a given paper through developer-exposure manipulation; photometric methods of printer control; the use of the densitometer in determining negative quality, paper grade and printing exposure; choosing a paper surface for particular scenes; dimensional stability of papers; and testing procedures to determine print permanence.

Kodak Papers is punched to fit the Kodak Reference Handbook. It is priced at 55 cents and is available through Kodak dealers.

YOU'VE ALWAYS WANTED IT . . . AND HERE IT IS!



Price: \$195.00
(less viewer)

THE *DUAL READER*

- Play **SOUND** with ANY 16mm motion picture viewer.
- Edit **SOUND** and **PICTURE** in perfect synchronization.
- For **SINGLE** and **DOUBLE** system editing.
- Works with left to right or right to left viewers.
- Operates on 110-120 volts 60 cycles AC.
- Includes sound head, amplifier, and base for viewer.
- Smart modern design, attractive brown wrinkle finish.

SOUND HEAD, pre-focused exciter lamp socket, reads variable area or density track, highly polished and chrome plated film track will not damage your film.

AMPLIFIER, 5 watt output with built-in Alnico speaker, exciter lamp rheostat control, speaker can be moved away from the editing table, headphone jack for listening without disturbing others.

SEND FOR DESCRIPTIVE LITERATURE!

THE CAMERA • MART INC.

MOTION PICTURE AND TV EQUIPMENT

1845 BROADWAY at 60th St.
NEW YORK 23, NEW YORK

PHONE: Circle 6-0930
CABLE: CAMERAMART



The Syntron Model 250 Cine-Light is a new portable light designed for motion-picture taking and available from Dornitz Electric & Mfg Co., 5 Hadley St., Cambridge 40, Mass. With an output of 250 w of light for a minimum of 20 min, it is powered by a hermetically sealed nickel cadmium battery having an operating temperature range of -25 F to +145 F. The battery can be charged over 1000 times with a retention of approximately 90% of its original capacity. The light has a power of 800 lm-sec and 3400 K. The entire unit, including built-in automatic 4-hr charger and trickle charger, voltmeter and power source, weighs 18 lb enclosed in the carrying case. Price: \$325.00.

FILMAGNETIC

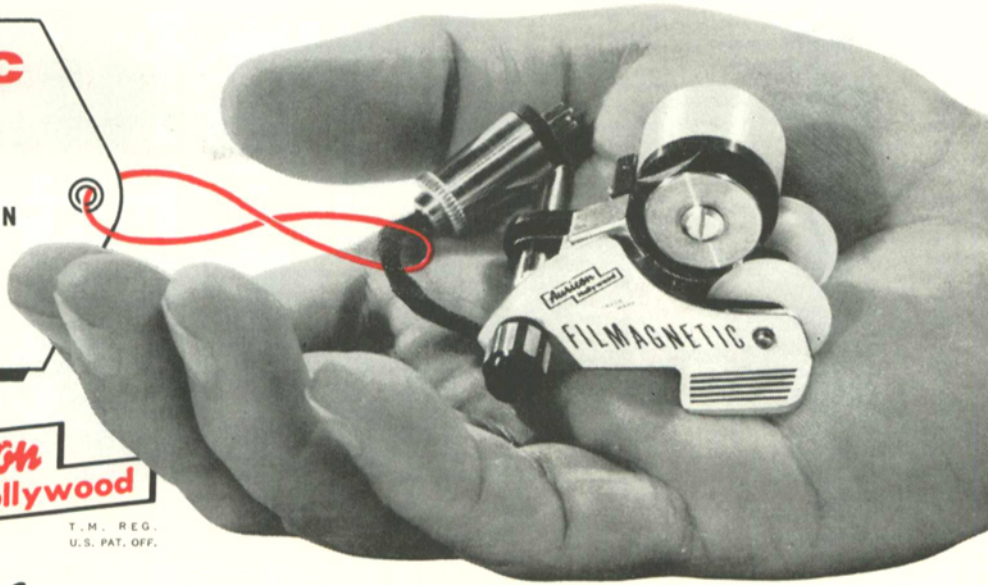
TRADE MARK

AN *Optional* FEATURE

AVAILABLE FOR FACTORY INSTALLATION

ON ALL NEW OR EXISTING AURICON

OPTICAL SOUND-ON-FILM CAMERAS



Auricon Hollywood

T.M. REG.
U.S. PAT. OFF.

Presenting

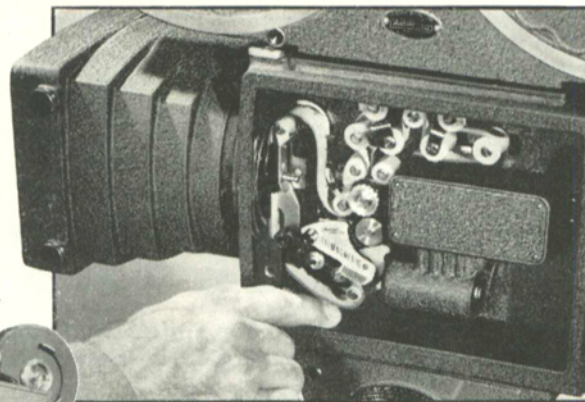
AURICON FILMAGNETIC

TRADE MARK

Auricon proudly presents "Filmagnetic" High-Fidelity sound-on-film Recording, for lip-synchronized Talking Pictures and Music of Quality, on 16 mm black and white or color film pre-stripped for magnetic sound before it is exposed to light. "Filmagnetic" sound and optical picture are recorded Single-System on the same film at the same time! The "Filmagnetic" Unit, installed at the Factory in any Auricon Camera, can be temporarily removed without the use of tools, thus providing a choice of High-Fidelity Optical or Magnetic sound-tracks. Your pre-stripped film with magnetic sound lip-synchronized to your picture, passes through the normal picture-development and is played back on any 16 mm Magnetic Sound Projector, including the Ampro, B&H, RCA, and others.

"Filmagnetic" Outfit complete... \$870.00

PLEASE MAIL COUPON BELOW FOR FREE INFORMATION...



(FILMAGNETIC PATENTS PENDING)

"Filmagnetic" Twin-Head Camera Recording Unit, with Record and Instant-Monitor Magnetic Heads, which automatically open for easy threading... complete with Model MA-10 Amplifier, \$870.00 installed on any new Auricon Camera at the Factory. Small extra installation charge on existing Auricon Cameras.

"Filmagnetic" 3 Input Amplifier, Model MA-10, with High-Fidelity Microphone, complete Cables and Batteries, in a Cowhide-Leather Carrying Case. Super-portable, weighs only 7 pounds, carries easily with shoulder-strap during operation!



"FILMAGNETIC" SOUND FOR COLOR OR BLACK & WHITE



Auricon Hollywood

16 MM SOUND-ON-FILM SINCE 1931

AURICON Division
BERNDT-BACH, INC.
6946 Romaine Street
Hollywood 38, California

Distributed by
Graybar
OFFICES IN PRINCIPAL CITIES

- Please send me free information on "Filmagnetic" equipment for Auricon Cameras.
- Without obligation, please send me cost of installing "Filmagnetic" on my Auricon Model.....Camera.

Auricon Hollywood

GUARANTEE
All Auricon Equipment is sold with a 30 day money-back guarantee. You must be satisfied!

NAME..... TITLE.....
 FIRM.....
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 CITY..... ZONE..... STATE.....

THE Auricon Hollywood LINE

CINE-VOICE
\$695.00

AURICON PRO-600
\$1497.00

SUPER 1200
\$4652.15



Closed-circuit theater television was not only again in operation this Fall by Theatre Network Television, Inc., for the Marciano-Moore fight but also for telesessions such as that at the opening of a new building of the Hospital for Special Surgery in New York. In directing and operating these closed-circuit presentations, Theater Net-



work Television is using General Precision Laboratory television projection systems, the latest of which is Model PB-611B designed as a mobile unit which can be rented by theaters for special TV events or tele-sessions. The projector, the control rack and the power supply are all on wheels for rolling into a theater or hall. For small theaters there is a completely self-contained projection system in one mobile unit. In the hospital session shown above, less than half the experts attending could be accommodated in the auditorium; the remainder followed the session on GPL receivers in hospital classrooms.

Animation Techniques: A new 30-min, 16mm sound film with one sequence in color, showing animated motion-picture techniques and how they are accomplished with motorized camera and artwork mechanisms, is available from John Oxberry, Animation Equipment Corp., 38 Hudson St., New Rochelle, N.Y.

The script starts with motorized zoom motion, executed with automatic camera focusing from a 30 field to a 3 field, at both slow and high speeds. North-south motion is dealt with in connection with scroll titles and the action of bar tracks is explained.

Two forms of bi-motion are shown: (1) a camera zoom combined with a pan in

one direction, (2) an east-west pan combined with a north-south pan. Tri-motion involving motorized zoom, east-west and north-south movements taking place simultaneously is covered in detail. The importance of the pantograph is shown in motorized pans and free-wheeling work where art and table movements depend on operator dexterity.

One sequence deals with slide motion and the problem of handling artwork of varied dimensions. Another part of the film deals with underlighting, overlighting, bi-pack printing and double exposure. Silhouette, traveling matte and eraser techniques are explained.

The last section of the film is devoted to multiple-plane or 3-D effects wherein the multispeed stop-motion motor plays a key role in frame-by-frame shooting. The finale demonstrates 3-D animation in color and with music.

The Gruen Watch Company announced the formation of a new company, a subsidiary to be located in Cincinnati, called Gruen Precision Laboratories that will develop precision products for industry, defense and the consumer markets.

Establishment of the laboratories is the beginning of a long-range program of expansion and diversification, under the direction of the President, Edward H. Weitzen. The early work of the laboratories will be as a prime and subcontractor on defense projects doing research and development. Products developed by the laboratories will be manufactured by the Gruen Precision Products Division.

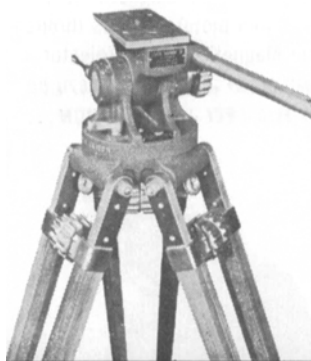
In addition to industrial and defense products, the watch company is concentrating on developing consumer items.

Professional Junior Tripod

—used by more professional cameramen than any other tripod in the world.

Shown with friction type head which handles all 16mm cameras, with or without motor. Also 35mm B & H Eyemo, DeVry. Interchangeable with gear drive head. "Baby" tripod base and "Hi-Hat" also available.

If you're a professional—you need "Professional Junior" Tripod. See it today.



SALES • SERVICE • RENTALS

- *9.5mm Lenses in 16mm C mount. 18.5mm (extreme wide angle-flat field) Lenses available in mounts for all 35 mm Motion Picture Cameras.
- *PHOTO RESEARCH Color Temperature Meters. *Electric Footage Timers
- *Neumade and Hollywood Film Company cutting room equipment.
- *Griswold & B.&H. Hot Splicers. *DOLLIES—Bardwell-McAlister, Mole Richardson, Century and Colortran Lighting Equipment.

Complete line of 16mm and 35mm Cameras

SPLICES NOT HOLDING? Try Jefrona all-purpose cement. Send for FREE sample.

FRANK C. ZUCKER

CAMERA EQUIPMENT CO.
1600 BROADWAY NEW YORK CITY

Membership Certificates (Active and Associate members only). Attractive hand-engrossed certificates, suitable for framing for display in offices or homes, may be obtained by writing to Society headquarters, at 55 West 42d St., New York 36, Price: \$2.50.

a complete
27-lb. sound system!



Magnasync X-400 Recorder

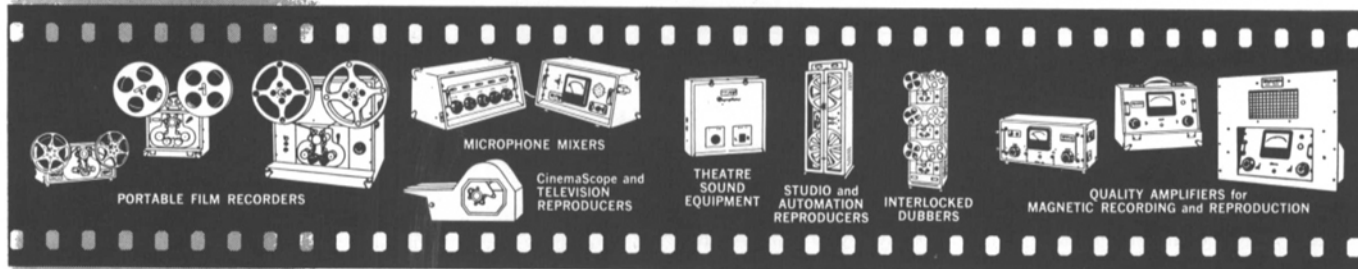
Producer Net Price **\$895.00**
 F.O.B. North Hollywood, Calif.

FEATURING...

- High gain "long-shot" microphone channel.
- Dialog equalization for "speech-music" selection.
- Self-contained playback system for "film-direct" monitor.
- Famous Magnasync "Synkinetic" precision film transport.
- High speed rewind, sync speed reverse and fast forward.
- Convenient arrangement for "sync marking."
- Footage counter, extended capacity arms, "quick-detach" mount for special motors, projector cable interlocks and many other compatible accessories to help increase production efficiency.
- Unconditionally guaranteed specifications.

send for complete specifications and delivery schedule.

INTERNATIONAL LEADERS IN THE DESIGN AND MANUFACTURE OF QUALITY MAGNETIC FILM RECORDING DEVICES



MAGNASYNC MANUFACTURING CO., Ltd., 5546 Satsuma Ave., North Hollywood 2, California



DEALERS

NEW YORK—Camera Equipment Co., 1600 Broadway, New York 19. JUdson 6-1420. Cable Address CINEQUIP.
 CHICAGO—Zenith Cinema Service, Inc., 3252 Foster Ave., Chicago 25, Ill. IRving 8-2104.

SAN FRANCISCO—Brooks Camera Co., 45 Kearney St., San Francisco, Calif. EXbrook 2-7348.
 CANADA—Alex L. Clark, Ltd., 3745 Bloor St., Toronto 18, Ontario. BELmont 1-3303.

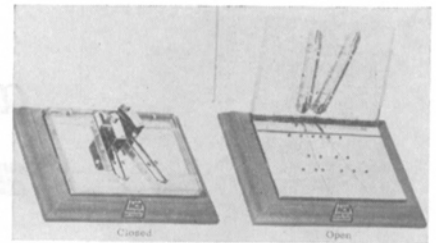


The **Auricon Filmagnetic** is an optional feature, available for factory installation on all new or existing Auricon sound-on-film cameras, consisting of a magnetic recording unit weighing 4 oz and a 7-lb amplifier fitted in a leather carrying case. Once installed at the factory, the unit can be temporarily removed from the camera without the use of tools, thus providing a choice of optical or magnetic soundtracks. The unit records while the picture is being shot, with earphone monitoring of the recorded soundtrack. A selector switch on the Filmagnetic Amplifier Model MA-10 permits monitoring directly from the microphone during rehearsals when the camera is not running.

Either "camera-original" film with lip-synchronized Filmagnetic sound, or a Filmagnetic print, can be shown on any 16mm magnetic sound projector. Prints with optical soundtracks re-recorded from

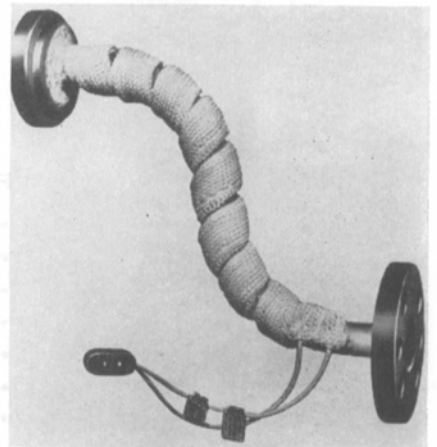
the Filmagnetic "camera-original" soundtrack can also be re-recorded onto 35mm optical or magnetic sound-on-film, together with 35mm picture enlarged on an optical printer from 16mm. According to the manufacturer, this is the first of a series of magnetic recording products which will be made available to producers of 16mm sound-on-film motion pictures. Further details may be had from A. N. Brown, Sales Manager, Berndt-Bach, Inc., 6900 Romaine St., Hollywood 38.

A magnetic model of their **Dual Reader** is announced by Camera Mart, Inc., 1845 Broadway, New York 23. The optical version of this equipment was described in the New Products section of the September *Journal*. The magnetic playback head is adjustable to track position for 16mm, 17.5mm and 35mm magnetic film, as well as to 16mm and 35mm Magnastripe film. As with the optical model the new magnetic unit may be used with any 16mm or 35mm silent motion-picture viewer to match picture with single or double system sound. In combination with the optical sound reproduction head, the Dual Reader offers film editors the possibility of checking a 35mm composite picture with optical sound against a second magnetic track. When the film has both Magnastripe and optical track together on the same film, the combination Dual Reader will check one against the other. The magnetic model complete with amplifier and base is priced at \$185.00. The combination optical-magnetic model is priced at \$295.00.



Ace Clear Vision 35mm and 16mm Splicing Machine is a new splicer designed by Irving I. Merkur of the Ace Electric Mfg. Co. for the splicing of standard acetate film and also of du Pont's new "Cronar" polyester film base. Camera Equipment, Inc., 1600 Broadway, New York, is the sole distributor.

Film from 16mm to 70mm can be handled by the splicer, which is constructed of aluminum, lucite and Tobin bronze and contains no magnetic material. The only ferrous material used is in the nonmagnetic steel cutting blades. Instead of cement, du Pont's Mylar splicing tape is used as the splicing agent, perforated to conform with motion-picture film sprocket holes. Precut portions of this tape are removed from a paper backing by the projectionist and applied to the film when it is registered in the splicer.



Electrothermal heating tape, announced by Arthur S. LaPine Co., 6001 S. Knox Ave., Chicago 29, is offered for many new industrial applications, such as on pipes, valves, gas cylinders, spray guns and injection molding machines. The tapes can be used for heating frozen water lines or cold oil lines. The current-carrying resistance bands are insulated on both sides by layers of knitted glass yarn, permitting its use on metal. The tape comes in ½-, 1-, 2- and 3½-in. widths and in lengths of 2, 4, 6 and 8 ft.

Cinema Engineering Co., Division of Aerovox Corp, Burbank, Calif., issued a 20-page catalog covering its encapsulated resistors. Illustrated are both the CE 100 and the CE 200 series for axial wire terminals, radial wire terminals and radial lug terminals. The PW 100 series and the PW 200 series are for printed circuitry. Dimensional detail, wattage ratings, maximum resistance and military equivalents are stated. The bulletin is No. LC-1030-A, available direct from the factory and sales representatives offices.

f/1.7

Projection Lenses

Now Finer Lenses for Finer Projection with a True Speed of f/1.7 in all sizes where fast lenses are needed.

From Kollmorgen . . . the newest, fastest projection lenses. Engineered to give you the brightest, clearest, sharpest, most uniform picture you have ever seen. For more information ask for Bulletin 222.

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New York Office: 30 Church Street, New York 7, New York

The Hemispherical Ball-Joint Head

AN EXCLUSIVE FEATURE OF THE NEW ARRI 16 TRIPOD

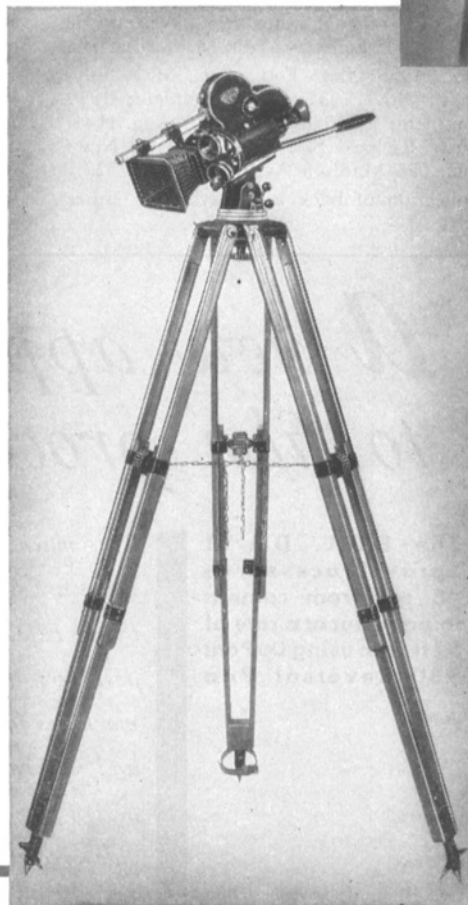
Here's the kind of tripod you'd expect from the maker of the famous Arriflex cameras — a tripod with the most advanced features in the field.

One outstanding Arri-exclusive is the Hemispherical Ball-Joint Head. No matter how uneven the ground or how tilted the tripod — this head permits you to level your camera without touching the tripod legs. And a built-in spirit level tells you when you're 'set'.

FOR LOW ANGLE SHOOTING . . .

ARRI 16 SHORTY

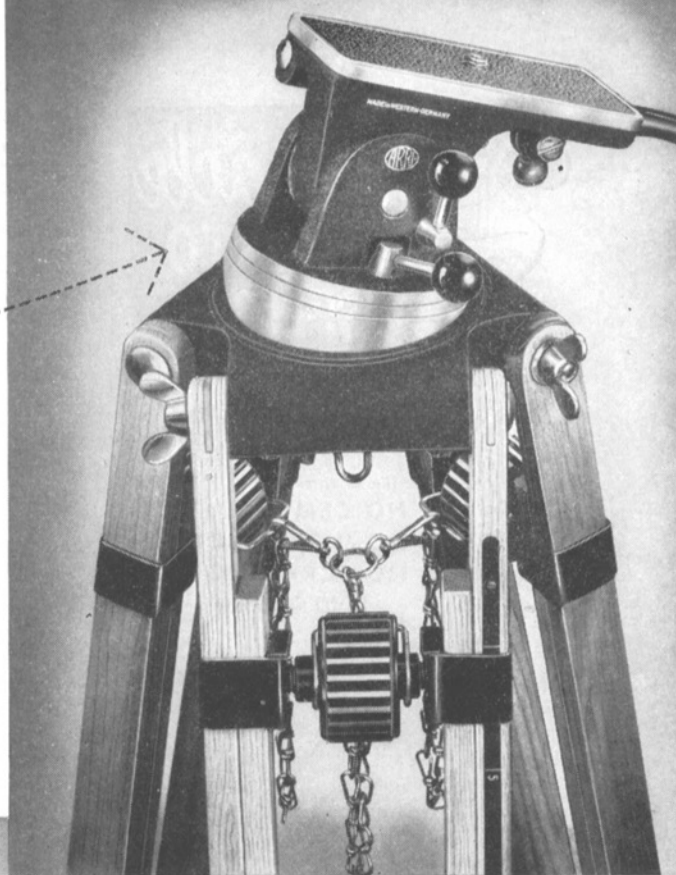
Supplied less head. Uses Hemispherical Ball-Joint Head interchangeably with Arri 16 Tripod.



SPECIFICATIONS:

	ARRI 16 TRIPOD	ARRI 16 SHORTY
WEIGHT	13½ lbs.	8½ lbs. less head
WORKING HEIGHT		
Maximum	65 inches	21 inches
Minimum	15 inches	9 inches
CLOSED	42 inches	22½ inches
PRICE	\$175.00 complete	\$90.00 less head

NOTE: Prices, Weights and Measurements include Head, except where otherwise stated, and are subject to change.



THE ARRI 16 TRIPOD

Also gives you these important features:

- **HEMISPHERICAL BALL-JOINT HEAD** — precision-machined ball-and-socket (4½" diam.) perfectly mated for easy adjustment and secure locking action.
- **PAN and TILT LOCKS** — each controlled independently.
- **ADJUSTABLE PAN HANDLE** — conveniently located for optimum leverage — can be held under armpit leaving hands free to manipulate lenses and camera.
- **SMOOTH PAN and TILT MOVEMENTS** — achieved through precise machining of all metal parts.
- **SPIRIT LEVEL** — for lining up camera.
- **PATENTED TRIPOD SCREW** — fits both foreign and American tripod sockets. Outside thread section is for foreign cameras. When used with American cameras, it retracts, and inner "American thread" engages camera.
- **SINGLE LOCK COLLAR** — securely locks each leg at desired extension and automatically equalizes locking pressure on both shanks.
- **CALIBRATED LEG SCALES** — permit quick and easy setting of all legs to same extension.
- **ADJUSTABLE ANTI-SLIP CHAINS** — restrict leg spread and prevent tripod from falling.
- **TIE-DOWN EYELETS** — for securing tripod to floor.
- **TIE-DOWN LIPS** — for attaching to dolly or clamps.
- **DUAL SPURS** — double, hardened steel tips assure firm, sure footing.
- **CONSTRUCTION** — legs made of seasoned beech for extra strength and sturdiness. Metal parts are made of brass, steel and aluminum — exposed surfaces finished in black wrinkle and chrome. Camera platform is leather-covered.

KLING PHOTO CORP

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7303 Melrose Ave., Hollywood 46, Cal.