

# KODAK

## PICTURE-MAKING AIDS

1940



# KODAK

Science &amp; Technology

## PICTURE-MAKING AIDS

**FOREWORD . . .** A camera and a roll of film are the basic materials with which anyone may participate in the satisfying and enjoyable hobby of picture taking. As skill and experience grow, however, the desire often arises for new fields to conquer, and to help satisfy this longing, dozens of novel, easily used, Kodak accessories—as described in this book—are available.

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*All Prices in This Catalog Subject To Change without Notice*

Rochester Public Library

115 South Avenue

EASTMAN KODAK COMPANY, ROCHESTER, N. Y.

## KODAK FILM AND KODAK FILM PACKS

**MAXIMUM** dependability in all sensitized products which bear the Kodak name is assured by the meticulous care and laboratory control exercised throughout manufacture.

Dependable Kodak Film, in the familiar yellow box, is offered in a broad selection of types—one of which you'll find just right for any kind of picture taking that you plan to do. If you are not quite certain of your exact Kodak Film requirements, your Kodak dealer is well qualified to advise you. Following are the outstanding characteristics of some of the more widely used Kodak Films.

**KODAK VERICHROME FILM** Any camera is a better camera when loaded with Verichrome. Double coating helps correct exposure errors while special backing guards against halation "fuzz."

**KODAK SUPER-XX FILM** The fastest Kodak Roll Film ever produced. Assures full exposure at high shutter speeds or under seemingly impossible light conditions; ideal for night snapshots. Panchromatic; antihalation base.

**KODAK PANATOMIC-X FILM** Has grain of truly microscopic fineness; ample speed, excellent gradation. The outstanding film for big enlargements. Fully panchromatic; antihalation base.

**KODAK PLUS-X FILM** The all-round, standard film for miniature cameras. Combines extra speed with fineness of grain. Useful under reasonably poor light conditions. Generous enlargement possible without graininess. Panchromatic; antihalation base.

**KODAK INFRA-RED FILM** Used with a Wratten A (red) filter, this film penetrates atmospheric haze to increase the photographic visibility of distant objects. Also useful for unusual shots of near-by land-

scapes, as green leaves in sunlight will appear white. Regularly supplied in miniature and sheet film only.

**KODACHROME FILM** One of the most remarkable accomplishments of photographic research. Yields transparencies that reproduce all of the lovely hues of nature and of colorful indoor settings. Just as easy to use as black-and-white films, and requires no extra taking equipment, the color being in the film itself. Two types: Kodachrome Regular for use outdoors, and Kodachrome Type A for use with Photoflood or Photoflash Lamps. (See pages 8, 14.)

After exposure, Kodachrome Film should be sent to an Eastman laboratory for processing. Prices include processing and return transportation.\* Kodachrome Transparencies are best viewed by projection in a Kodaslide projector (see page 10). For Kodachrome sheet film, see page 6.

**KODAK FILM PACKS** Available in the Verichrome, Super-XX, and Panatomic-X emulsions described above. (For prices of Kodak Film and Film Packs, see next page.)

\*Standard miniature (24 x 36-mm. and 28 x 40-mm.) Kodachrome transparencies processed in U. S. A. are mounted and returned in form of Kodaslides (no extra cost), unless otherwise specified.



# KODAK FILM AND KODAK FILM PACKS

*Prices of Most Popular Sizes*

KODAK FILM in Miniature Sizes	Kodak 35, Kodak Retina, and other 35-mm. Cameras 24 x 36-mm. Negatives		All Kodak Bantams 28 x 40-mm. Negatives	
	18 Exposures*	36 Exposures*	8 Exposures	
Kodak Plus-X Film . . . . .	PX135 \$ .60	PX135 \$ .95	PX828 \$ .25	
Kodak Super-XX Film . . . . .	XX135 .60	XX135 .95	XX828 .25	
Kodak Panatomic-X Film . . . . .	FX135 .60	FX135 .95	FX828 .25	
Kodak Panatomic Film . . . . .	.....	.....	F828 .20	
Kodak Infra-Red Film . . . . .	.....	I-R135 1.20	I-R828 .25	
Kodachrome Film †. . . . .	K135 2.50	.....	K828 1.35	
Kodachrome Type A Film ††. . . . .	K135A 2.50	.....	K828A 1.35	

\*In daylight-loading magazines.

†Prices include processing, return transportation by third-class postage within the country in which the film is processed (see footnote, page 4).

‡For Photoflash or Regular Photoflood illumination.

KODAK FILM in the most commonly used sizes from "Vest Pocket" to 3A. For other sizes, see your dealer.			Kodak Verichrome Film		Kodak Super-XX Film		Kodak Panatomic-X Film		Kodak Regular (N.C.) Film	
Camera Models	Negative Size (In.)	Expo- sures	No.	Price	No.	Price	No.	Price	No.	Price
Jiffy Kodak V.P., Bullet Cam- era, Vest Pocket Kodaks, No. 0 or Baby Brownies, Brownie Reflex. . . . .	1 5/8 x 2 1/2 †	8 †	V127	\$ .25	XX127	\$ .30	FX127	\$ .30	127	\$ .17
No. 1 or No. 2 Cameras . . . . .	2 1/4 x 3 1/4	8	V120	.30	XX120	.35	FX120	.35	120	.20
Six-20 Cameras and Kodak Duex . . . . .	2 1/4 x 3 1/4 *	8 *	V620	.30	XX620	.35	FX620	.35	620	.20
No. 1A or No. 2A Cameras . . . . .	2 1/2 x 4 1/4	8	V116	.35	XX116	.40	FX116	.40	116	.25
Six-16 Cameras . . . . .	2 1/2 x 4 1/4	8	V616	.35	XX616	.40	FX616	.40	616	.25
No. 2C Cameras . . . . .	2 7/8 x 4 7/8	6	V130	.45	XX130	.55	.....	.....	.....	.....
No. 3 Kodaks . . . . .	3 1/4 x 4 1/4	6	V118	.45	XX118	.55	.....	.....	.....	.....
No. 3 Brownies . . . . .	3 1/4 x 4 1/4	6	V124	.45	.....	.....	.....	.....	.....	.....
No. 3A Cameras . . . . .	3 1/4 x 5 1/2	6	V122	.55	XX122	.65	FX122	.65	122	.45

\*16 exposures, 1 5/8 x 2 1/4, in Kodak Duo Six-20 and Kodak Duex.

†12 exposures, 1 5/8 x 1 5/8, in Brownie Reflex.

KODAK FILM PACKS (All 12-exposure)		Kodak Verichrome Film Packs		Kodak Super-XX Film Packs		Kodak Panatomic-X Film Packs	
Negative Size in Inches	Negative Size in Centimeters	No.	Price	No.	Price	No.	Price
1 3/4 x 2 3/8	4.5 x 6	VS00	\$ .40	XX500	\$ .55	FX500	\$ .55
2 1/4 x 3 1/4	6 x 9	VS20	.60	XX520	.70	FX520	.70
2 1/2 x 4 1/4	6.5 x 11	VS16	.70	.....	.....	.....	.....
3 x 5 1/4	7.5 x 13.5	V542	1.10	.....	.....	.....	.....
3 1/4 x 4 1/4	8 x 10.5	VS18	1.00	XX518	1.20	FX518	1.20
3 1/4 x 5 1/2	8 x 14	V522	1.15	XX522	1.40	.....	.....
3 1/2 x 4 3/4	9 x 12	VS41	1.10	XX541	1.30	FX541	1.30
3 3/4 x 5 1/2	10 x 15	V543	1.40	XX543	1.65	.....	.....
4 x 5	10 x 12.5	V523	1.15	XX523	1.40	FX523	1.40
5 x 7	13 x 18	V515	2.00	XX515	2.40	.....	.....





## EASTMAN SHEET FILM AND PLATES

EASTMAN Sheet Film and Eastman Plates are also available in a large range of types—and, like Kodak Film and Kodak Film Packs, every stage of their manufacture is attended by extreme care.

Your Kodak dealer will gladly advise you as to the types of Eastman Sheet Film and Plates that are best suited to your needs. Feel free to seek his suggestions.

**EASTMAN PANATOMIC-X ANTI-HALATION SAFETY FILM** Ultra-fine grain with speed ample for most picture taking. Fully panchromatic. Unsurpassed for substantial enlarging. Antihalation backing. Ideal for use with filters and for either indoor or outdoor photography when moderate emulsion speed suffices.

	2¼ x 3¼	6.5 x 9 cm.	3¼ x 4¼
Per dozen.	. \$ .50	. \$ .55	. \$ .75
	9 x 12 cm.	3¼ x 5½	4 x 5
Per dozen.	. \$ .90	. \$ 1.00	. \$ 1.00

**EASTMAN SUPER-XX PANCHROMATIC ANTIHALATION SAFETY FILM** A fine-grain, long-scale, fast film that gives exceptionally fine portrait quality. Its speed is considerably greater than that of Panatomic-X.

	2¼ x 3¼	6.5 x 9 cm.	3¼ x 4¼
Per dozen.	. \$ .50	. \$ .55	. \$ .75
	9 x 12 cm.	3¼ x 5½	4 x 5
Per dozen.	. \$ .90	. \$ 1.00	. \$ 1.00

**EASTMAN ORTHO-X ANTIHALATION SAFETY FILM** A high-speed orthochromatic film of moderate contrast. Ortho-X is specially adapted to pictures of the illustrative type which include men, because its absence of red sensitivity yields ruddier complexion than do panchromatic materials. It can be inspected during development by a Series 2 safelight.

	2¼ x 3¼	6.5 x 9 cm.	3¼ x 4¼
Per dozen.	. \$ .45	. \$ .50	. \$ .65
	9 x 12 cm.	3¼ x 5½	4 x 5
Per dozen.	. \$ .80	. \$ .90	. \$ .90

**EASTMAN TRI-X PANCHROMATIC ANTIHALATION SAFETY FILM** Has extreme speed, long scale, and, considering the speed of this type of emulsion, moderate graininess. It is intended for advanced work with models and other subjects requiring short exposures. Tri-X Panchromatic Film gives brilliant rendering of both highlights and shadows even with subjects of pronounced brightness range.

	2¼ x 3¼	6.5 x 9 cm.	3¼ x 4¼
Per dozen.	. \$ .50	. \$ .55	. \$ .75
	9 x 12 cm.	3¼ x 5½	4 x 5
Per dozen.	. \$ .90	. \$ 1.00	. \$ 1.00

**EASTMAN KODACHROME PROFESSIONAL SAFETY COLOR FILM** Produces lovely full-color positive transparencies. May be viewed as they are, or used to make full-color prints. Two types: Daylight, and Type B (for tungsten lighting). Prices, identical for both types, include processing at Rochester, N. Y., and return transportation. Service charge of 50 cents on lots of less than three films sent for processing.

	2¼ x 3¼	6.5 x 9 cm.	3¼ x 4¼
Per ½ dozen.	\$3.90	\$4.25	\$5.25
	9 x 12 cm.	4 x 5	
Per ½ dozen.	\$6.00	\$6.25	

**EASTMAN PLATES** The following plates will meet a wide variety of uses: Eastman 50, Eastman 40, Single or Double Coated Ortho, Eastman Ortho Press Antihalation, Wratten Panchromatic, Eastman Super Panchro-Press Antihalation, Eastman Lantern Slide Plates. Ask your Kodak dealer about these plates.

## NOVEL, HELPFUL EASTMAN KODAGUIDES

KODAGUIDES are extremely valuable picture-taking aids. Easy to use, they give you, at your finger tips, essential information on varied photographic subjects. They're uniformly shaped, and several may be carried together in your pocket, in a brown leather Kodaguide Packet selling at \$.25.

**EFFECTIVE LENS APERTURE KODAGUIDE** helps prevent underexposure when a camera with long bellows extension is focused for extreme close-up work, by indicating modified exposures. Ideal for Kodachrome or high-contrast black-and-white film.

**EASTMAN FILM KODAGUIDE** helps select and expose Eastman Sheet Films, Kodak Roll Films, Kodak Film Packs. Gives color sensitivity, speeds, meter settings, code notches.

**KODAK OUTDOOR EXPOSURE GUIDE** Dial calculator for Kodak Verichrome, Panatomic (or Panatomic-X), and Super-XX Panchromatic Roll Films and Film Packs.

**KODAK INDOOR EXPOSURE GUIDE FOR KODAK ROLL FILMS AND FILM PACKS** Dial calculator for Kodak Verichrome, Panatomic-X, and Super-XX Roll Films and Film Packs with Photoflood and Photoflash Lamps.

**KODAK OUTDOOR GUIDE FOR PLUS-X, PANATOMIC-X, AND SUPER-XX** Dial exposure calculator for Kodak 35-mm. and Bantam Films under a variety of outdoor conditions.

**KODAK INDOOR GUIDE FOR PLUS-X, PANATOMIC-X, AND SUPER-XX** Dial exposure calculator for Kodak 35-mm. and Bantam Films under Photoflood or Photoflash illumination.

**CINÉ-KODAK OUTDOOR EXPOSURE GUIDE** Dial calculator for Ciné-Kodak Films including Kodachrome regular, in daylight.

**CINÉ-KODAK INDOOR EXPOSURE GUIDE** Dial calculator for Ciné-Kodak Films including Kodachrome Type A under Photoflood illumination.

**KODAK HOME LIGHTING EXPOSURE GUIDE** Dial calculator for Kodak Super-XX Film under home illumination with both still and motion picture cameras.

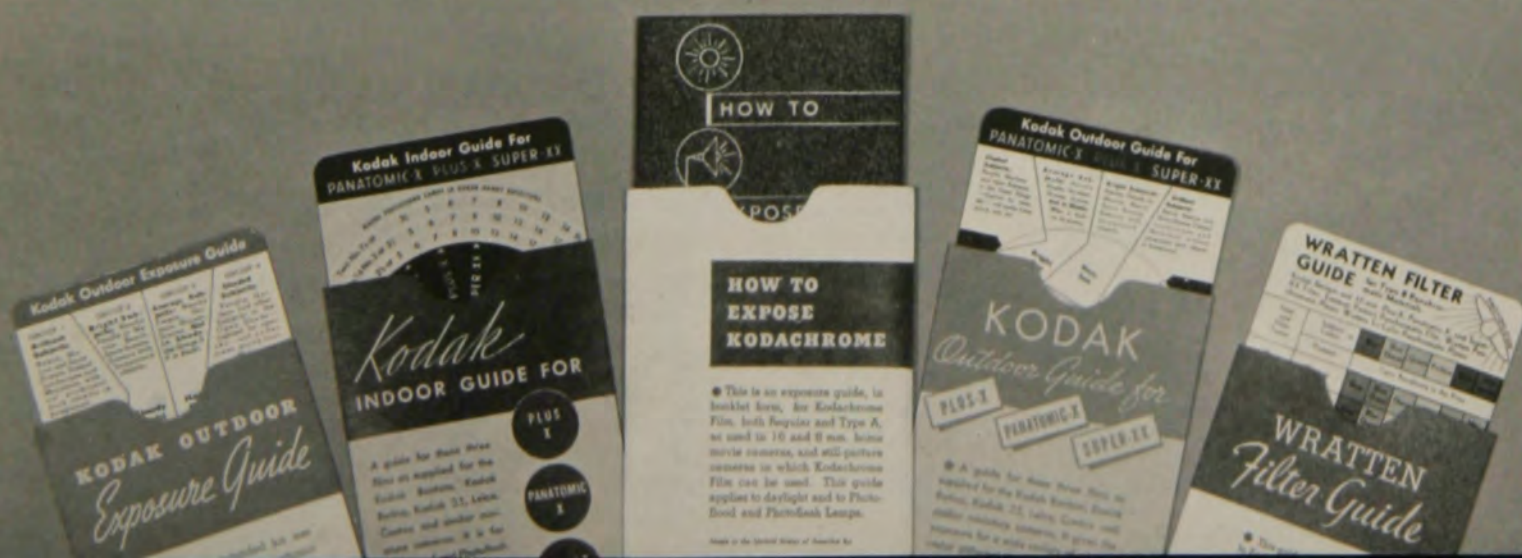
**KODAK OUTDOOR FILTER GUIDE** A guide to a number of outdoor subjects, giving proper filter to use, with a dial calculator for applying filter factors to exposure.

**WRATTEN FILTER GUIDE** A guide giving the purpose, factors, and monochromatic color rendering of the commonly used filters in both daylight and tungsten.

**HOW TO EXPOSE KODACHROME** Pocket booklet with calculators for 35-mm. and Bantam still cameras, and motion picture cameras in daylight or tungsten.

**KODAK DEVELOPING GUIDE** for Kodak Fine Grain Developer DK-20. A dial calculator giving development times at various temperatures for Kodak Films, for three degrees of contrast.

Price of "HOW TO EXPOSE KODACHROME" is \$.50; all others, \$.10.

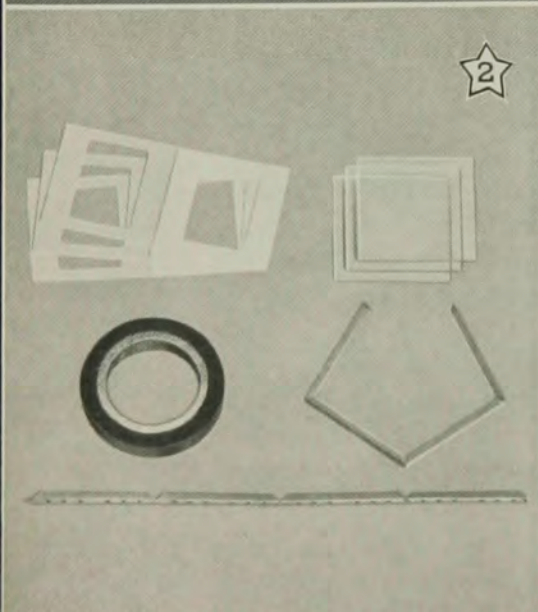




1

## KODACHROME ACCESSORIES OF PRACTICAL VALUE

THOUSANDS of miniature-camera owners are taking pictures in color, *full color*, with Kodachrome—the wonderful Eastman film which is revolutionizing photography. Kodachrome images reflect every glorious hue of nature—hold up a mirror to life itself.

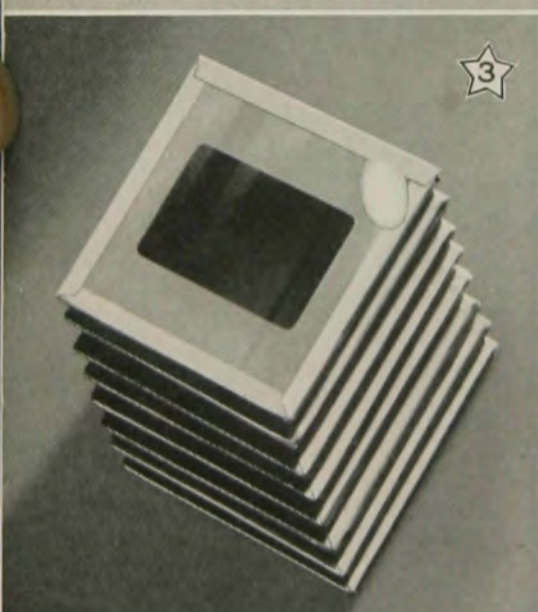


2

**KODACHROME FILTERS (1)** The following types of Kodachrome filters are available for the purposes indicated: Kodachrome Haze Filter—for use with regular Kodachrome in photographing distant landscapes, snow scenes, views at high altitudes; Kodachrome Filter for Photoflood—for regular Kodachrome when used with Photoflood (Regular—not Daylight-type) or Photoflash lamps; Type A Kodachrome Filter for Daylight—for Type A Kodachrome used in daylight; Type B Kodachrome Filter for Daylight. (For prices, see page 17.)

**DAYLIGHT-TYPE PHOTOFLOOD LAMPS (not illustrated)** For use only with daylight types of Kodachrome Film (miniature, professional, and Ciné-Kodak), particularly for indoor photography when artificial light of daylight quality is found desirable to supplement natural daylight. They require no filters when used in this manner. (For other Photoflood lamps, refer to page 14.)

Photoflood No. 1 Daylight Lamp . . . . .	\$ .30
Photoflood No. 2 Daylight Lamp . . . . .	.60
Photoflood No. 4 Daylight Lamp . . . . .	1.75



3

**KODASLIDE MATERIALS (2)** Those who prefer to have their Kodachrome Film returned from the processing station as a strip of transparencies, rather than framed as individual Kodaslides, find various Eastman accessories useful for mounting the transparencies for projection on a screen. Cover glass, masks, and tape or metal binders are supplied for this purpose. Illustration 3 shows finished results.

Kodak Slide Cover Glass (2" x 2"), box of 36 . . . . .	\$ .50
Kodak Bantam Masks (2" x 2"), box of 50 . . . . .	.35
Kodak 35 mm. Masks (2" x 2"), box of 50 . . . . .	.35
Kodak Binding Tape, 10-yd. roll, white, red, or black . . . . .	.20
Kodak Binding Tape, 30-yd. roll, white, red, or black . . . . .	.55
Kodak Metal Binding (2" x 2"), box of 12 . . . . .	.75

**KODAK BANTAM AND 35 MM. FRAMES (4)** A simple means of mounting Kodachrome transparencies for projection. Two glasses and a double mask are supported between interlocking halves of a brass, nickel-finished frame, 2 inches square. Kodak Bantam and 35 mm. Frames can be quickly assembled, or taken apart for the substitution of other transparencies. Kodak Frames (135 or 828 size), box of 12 . . . . . \$1.45



4

**KODASLIDE COMPARTMENT FILE (5)** A neatly finished box of black molded construction designed to hold 200 Kodaslides or 80 glass slides (2" x 2"). The File has a hinged cover with latch, and an easily removable molded tray with tilted partitions. It is an important aid to convenient slide projection and storage.

Kodaslide Compartment File . . . . .	\$4.50
--------------------------------------	--------

**KODAK READY-MOUNTS (6)** Two squares of 2 x 2-inch pressboard, cemented together but open at one side for the insertion of No. 135 or No. 828 miniature Kodachrome transparencies or black-and-white film positives. Die-cut openings mask the picture. Kodak Ready-Mounts can be used for projection in Kodaslide Projector, Models 1 and 2 (also in Kodaslide Projector, Model A, with the aid of Kodak Ready-Mount Metal Frames or the Kodaslide Adapter supplied for this machine).

All standard miniature (24 x 36 mm. and 28 x 40 mm.) Kodachrome transparencies processed in U. S. A. will be mounted in Kodaslide Ready-Mounts (without extra cost), unless otherwise specified. Picture makers not desiring this free service may indicate the fact by merely clipping off a corner of the linen address tag attached to the cloth bag in which exposed Kodachrome is mailed to the processing station. For home mounting, Kodaslide Ready-Mounts are supplied as follows:

Kodak Ready-Mounts (No. 135 or 828), box of 50 . . . . . \$1.50

**KODASLIDE ADAPTING FRAMES (7)** To increase thickness of Kodaslides to that of bound 2 x 2-inch glass slides for projection in a Kodaslide Projector, Model A. (Kodaslide Adapting Frames are not needed with Kodaslide Projector, Model 1 or Model 2.) Ready-Mounts can be inserted and removed at will.

Kodaslide Adapting Frames, box of 6 . . . . . \$ .60

**EASTMAN 3 1/4 x 4 KODASLIDE ADAPTER (not illustrated)** Adapts regular 3 1/4 x 4-inch lantern-slide projectors for 2 x 2-inch glass slides or Kodaslide Ready-Mounts.

Eastman 3 1/4 x 4 Kodaslide Adapter . . . . . \$1.50

**BANTAM KODACHROME ADAPTERS for Kodak Precision Enlarger, Kodak Recomars (8)** Adapt Kodak Precision Enlarger and Kodak Recomars 18 and 33 or similar cameras for the use of Kodachrome Film No. K828 and K828A.

Usable for all kinds of outdoor and indoor full-color work, including portraits, close-up photography of flowers, table-top shots, copying of colored maps or charts, and Kodachrome photomicrography. The adapter has a hooded ground glass of its own, used for composing and focusing. Film chamber is then slid into place for the exposure.

Bantam Kodachrome Adapter A (for Kodak Precision Enlarger and Kodak Recomar 18) . . . . . \$23.50

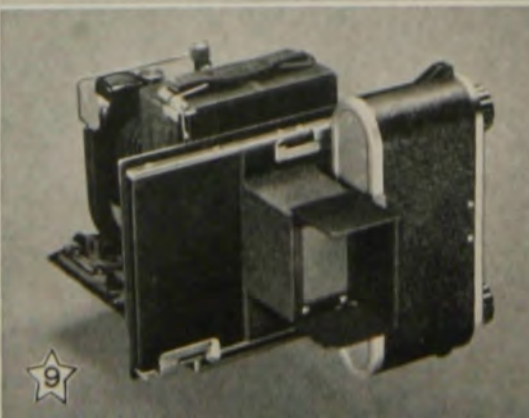
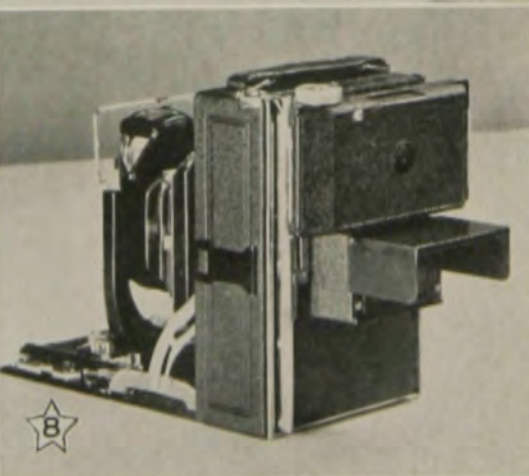
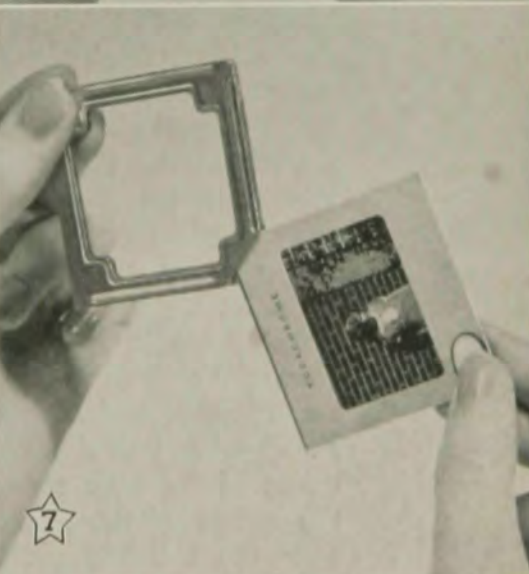
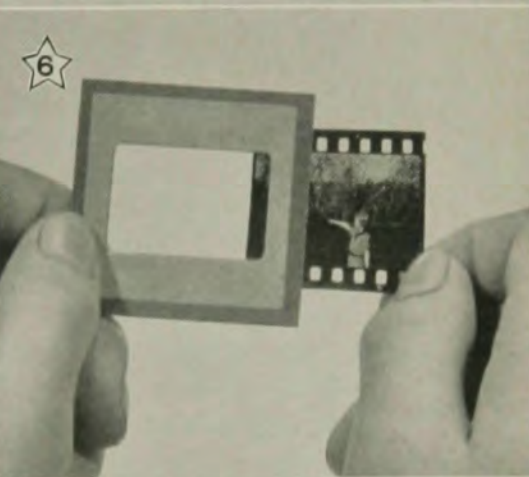
Bantam Kodachrome Adapter B (for Kodak Precision Enlarger and Kodak Recomar 33) . . . . . 23.50

**35-MM. KODACHROME ADAPTERS for Kodak Precision Enlarger and Kodak Recomar 18 or 33 (9)** Enable owners of Kodak Precision Enlargers, Kodak Recomars, and similar cameras, to use 35-mm. Kodachrome Film, K135 or K135A, for full-color transparencies. When this accessory is used with the Kodak Precision Enlarger, the Camera Back Adapter is employed.

This adapter may be used with all black-and-white Kodak Films—including Infra-Red and Micro-File—in addition to Kodachrome.

35-mm. Kodachrome Adapter A (for Kodak Precision Enlarger and Kodak Recomar 18) . . . . . \$23.50

35-mm. Kodachrome Adapter B (for Kodak Precision Enlarger and Kodak Recomar 33) . . . . . 23.50



## KODACHROME AND OTHER "MINIATURE" ACCESSORIES

### KODASLIDE PROJECTOR, MODEL 1

(1) A quality projector—at an extremely low price—with an optical system of new efficiency for home viewing of Kodachrome transparencies (or black-and-white film positives) made with Kodak 35's, Kodak Bantams  $f/4.5$  and  $f/5.6$ , and similar miniatures. High quality 4-inch lens yields excellent 27 x 40-inch and larger images from the small transparencies. Made of a molded material and carries a rich, highly polished black finish. Base measures  $2\frac{7}{8}$  x  $5\frac{1}{4}$  inches; height,  $4\frac{5}{8}$  inches. Accepts transparencies in Kodaslides, also takes 2 x 2-inch glass slides.

Lens barrel slides in or out to approximate focus and turns for accurate adjustments. Kodaslides are inserted in the slide opening and each is pushed by the succeeding slide to the opposite side of the projector for convenient removal. Improved illumination system with spherical glass reflector and condensing lenses is more efficient in proportion to the illumination than any previously in use. Smaller bulb and heat absorbing glass prevent overheating of slide being projected. Body of projector insulated for cool operation.

The Projecto Case, available as an accessory, not only serves as a convenient case but supplies a rigid base for the projector as well. A tripod screw attached to the cover of the case screws into a socket in the bottom of the projector and the cover becomes a tilting platform adjusted by a thumb screw to attain correct position.

Kodaslide Projector, Model 1 . . . . . \$18.50  
Projecto Case for Kodaslide Projector,  
Model 1. . . . . 4.00

### KODASLIDE PROJECTOR, MODEL 2

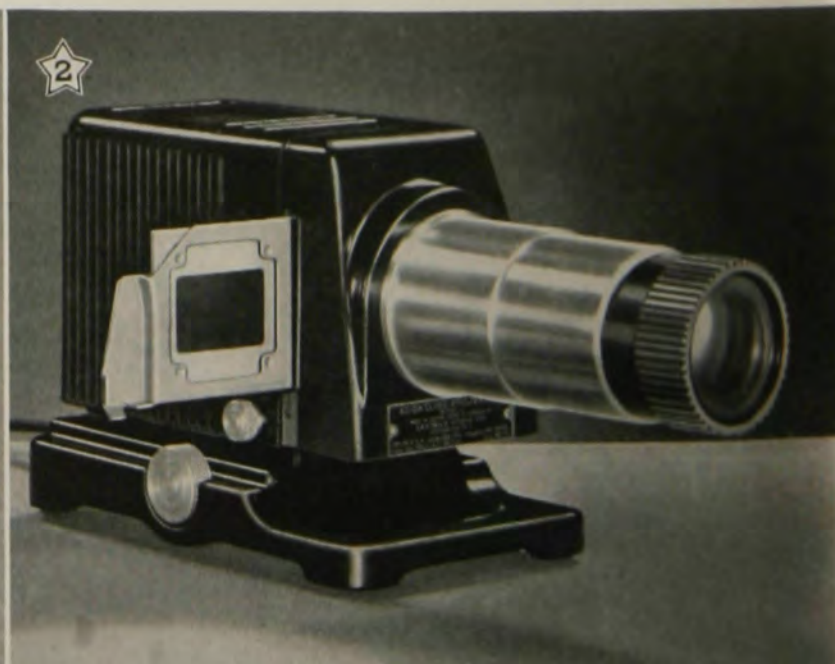
(2) A brilliant, quality-built, moderately priced instrument for projecting mounted miniature Kodachrome transparencies or black-and-white film positives. Skillful design achieves the minimum in bulk compatible with high-efficiency performance of the illumination and optical system. Special hundred-watt lamp; spherical glass reflector; three condensing lenses; high-quality 5-inch,  $f/3.5$  or  $7\frac{1}{2}$ -inch,  $f/4.5$  lens, giving even over-all sharpness to projected pictures; special heat-absorbing glass to prevent overheating of slides being projected.

Heat from lamp controlled by special inner shell, containing glass wool, around lamp; generous air space between inner shell and housing, which has fluted surface; louvers in top of housing for natural-draft ventilation. Sturdy slide carrier holds two slides, moved into position alternately by horizontal shifting of carrier.

Takes either 2 x 2-inch glass slides or Kodaslides. Knurled knob raises lens 10 degrees above normal position, when desired. Molded knob at rear controls light switch. Focusing by rotating spiral-grooved lens barrel. Screen image sizes (5-inch lens), with 35-mm. slides: at 7 feet, 15 x 22 inches; at  $16\frac{1}{2}$  feet, 36 x 52 inches. Base, turret head, and housing are die-cast aluminum with black finish. Base measures 4 x  $6\frac{5}{8}$  inches. Height,  $5\frac{1}{4}$  inches.

Kodaslide Projector, Model 2, with 5-inch  
lens . . . . . \$33.50  
With  $7\frac{1}{2}$ -inch lens . . . . . 52.00  
5-inch lens only . . . . . 10.00  
 $7\frac{1}{2}$ -inch lens only . . . . . 28.50  
Combination Case for Kodaslide, Model 2 . . . . . 8.00

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### KODASLIDE PROJECTOR, MODEL 2, 6-VOLT MODEL (not illustrated)

Available on special order. Identical to the standard Model 2 Kodaslide Projector, except that a slightly heavier wire is used in the cord, a 50-watt, 6-volt projection lamp is included, and an adapter cord consisting of two rubber-protected battery clips and a plug is furnished. This machine may also be used on 115-volt circuits by changing the lamp and connecting the cord directly into the circuit without the adapter.

Kodaslide Projector, Model 2, including cord with battery clips and plug, 50-watt, 6-volt lamp, without case, with 5-inch *f*/3.5 lens \$35.00  
With 7½-inch *f*/4.5 lens . . . . . 53.50

**SLIDE CARRIER for Kodaslide Projector, Model 1 (not illustrated)** This accessory is similar in design and function to the slide carrier supplied as standard equipment with the Kodaslide Projector, Model 2. It adds to the enjoyment of using the Model 1 by increasing the convenience and ease of showing Kodaslides or glass-mounted slides.

The slide carrier, of stainless steel, is easily inserted in the projector after two stainless steel channels that act as guides have been slipped into place as directed by the instruction leaflet. A sliding stop at one end permits removal of the slide carrier if desired, as when placing the Model 1 Kodaslide Projector in the Projecto Case.

Slide Carrier for Kodaslide Projector, Model 1 . . . . . \$1.75

**KODASLIDE CHANGER (3)** Designed to simplify the loading and changing of Kodaslides in Kodaslide Projectors, Model 1 or Model 2. One loading enables user to show, in the desired projection order, up to

50 Kodaslides, while seated comfortably beside projector. Plunger-type, finger-operated feed mechanism with 30-inch cable moves slides in turn from supply magazine, into projection position, and into receiving magazine. Image on screen is covered while slides are being changed.

Kodaslide Changer . . . . . \$12.00

**KODAK MINIFILE BOX FOR MINIATURE NEGATIVES (4)** A box of black molded construction for the storing of miniature negatives. Price includes twenty-five transparent envelopes—each of which accommodates four miniature negatives in strips—twenty-five index cards, and the same number of visible guides. Box has a hinged cover with a latch.

Kodak Minifile Box . . . . . \$4.50  
Extra Envelopes (Package of 25) . . . . . .35  
Extra Index Cards (Package of 25) . . . . . .25  
Extra Guides (Package of 25) . . . . . .25

**KODAK HAND STRAP (5)** Useful with small cameras, such as Kodak 35, but can be attached to any camera with a standard tripod socket. Makes it practically impossible to drop camera while in use.

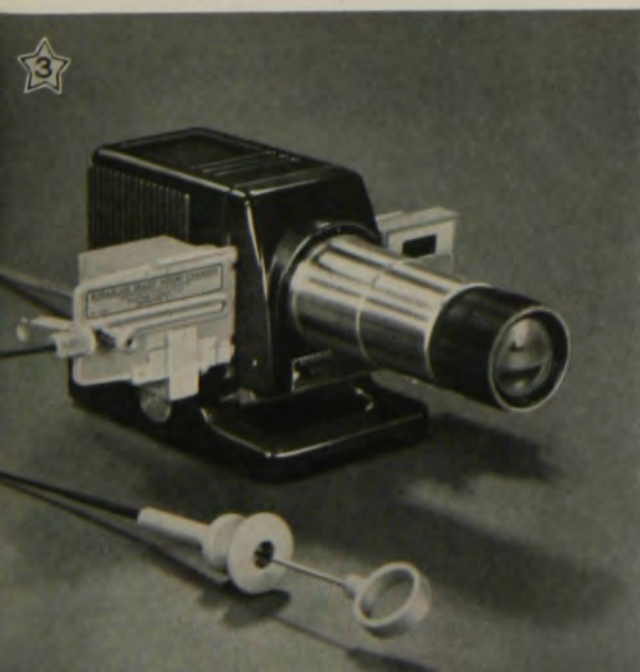
Kodak Hand Strap . . . . . \$ .50

**KODAK NECK STRAP(not illustrated)** Valuable to photographers while hiking or skiing. Attaches to any camera with standard tripod socket.

Kodak Neck Strap . . . . . \$ .75

**KODASLIDE FILE BOX (not illustrated)** A rectangular gray metal box, with cover, for filing Kodaslides or 2 x 2-inch glass mounted slides. Holds 150 Kodaslides.

Kodaslide File Box . . . . . \$ .85



# *It's Easy for Anyone To Take* SNAPSHOTS AT NIGHT

TAKING snapshots at night has long been a most fascinating activity. Now, with Kodak Super-XX Film, snapshotting at night has attained new ease and certainty. Kodak Super-XX is a film of remarkably high speed—four times as fast as ordinary film—and fully panchromatic. Complete instructions and helpful suggestions for the use of Super-XX in taking snapshots at night are contained in a free Eastman booklet which you may have on request. Get your copy—see how simple it all is now.

*Ask for This Free Eastman Booklet*



## SNAPSHOTS-AT-NIGHT MATERIALS

THE snapshots-at-night materials illustrated and described on this page have been carefully designed to give you maximum lighting efficiency for your money. Users of the inexpensive Kodak Handy Reflectors will find them as capable in their sphere as is the Kodaflector in its own field. The Kodaflector accessories greatly increase the range of the unit.

**KODAFLECTOR (4)** A compact, efficient, economical lighting unit that greatly simplifies making either still pictures or "movies" indoors and at night. It is designed especially for use with Mazda Photoflood lamps No. 1, its polished aluminum reflectors increasing the lamps' efficiency at least seven times. It can also be adapted to the No. 2 size. For flashlight pictures, the Kodaflector may also, of course, be fitted with Mazda Photoflash lamps.

Its lights can be swung in any direction, and set at any height up to about 6 feet. The reflectors lie flat when not in use. The stand folded is only two feet long. Considering its advantages, the Kodaflector is a most reasonably priced accessory for the indoor picture taker.

Kodaflector, complete with reflectors, lamp sockets, stand, cords, but without lamps . . . \$5.00

**KODAFLECTOR EXTRA ASSEMBLY (2)** This additional piece of Kodaflector equipment permits you to provide yourself with a third reflector when more intense picture-taking illumination is desired. It consists of supporting arm, reflector, socket, wiring. It clamps handily and securely either to the upright or horizontal section of the Kodaflector.

Kodaflector Extra Assembly . . . \$2.25

**KODAFLECTOR ADAPTER** (not illustrated) provides the utmost efficiency when using the more powerful, longer-necked No. 2 Photoflood lamps in a Kodaflector. The Adapter is quickly and easily attached.

Kodaflector Adapter (single) . . . \$ .35  
Kodaflector Adapters (pair) . . . .65

**KODAFLECTOR DIFFUSER (1)** This is a spun glass disk to soften the light coming from the Kodaflector. Bracket and rod are included for attaching. A saving may be made by purchasing Kodaflector Diffusers in pairs.

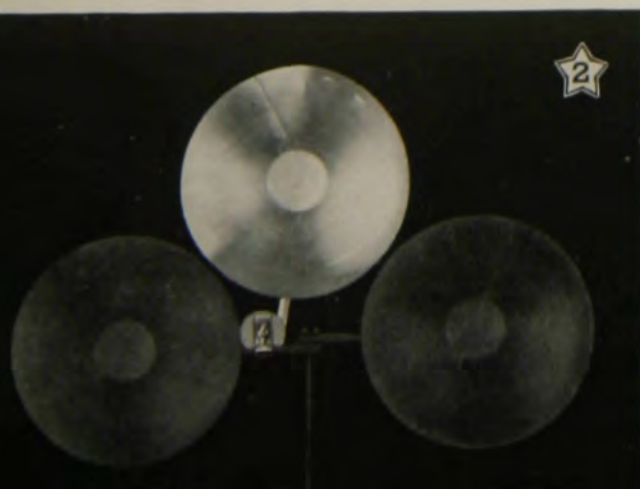
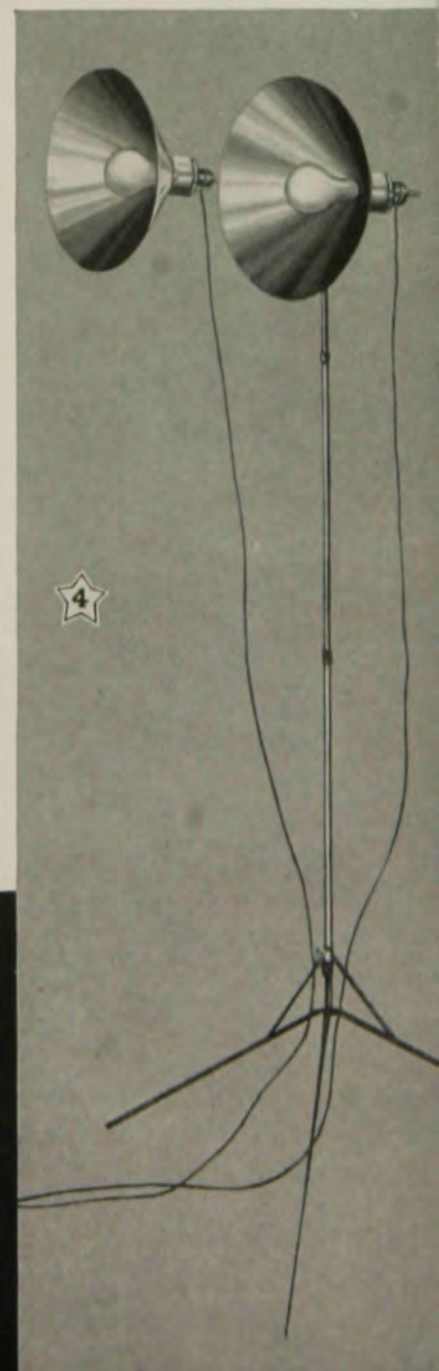
Kodaflector Diffuser, each . . . \$1.25  
Kodaflector Diffusers, pair . . . 2.25

**KODAK HANDY REFLECTORS (3)** These are simple but efficient reflectors which, when used on home lighting fixtures, conserve a great deal of the light that ordinarily would be lost.

The Kodak Handy Reflectors are made of a durable card stock, and are for use with standard electrical sockets. They are suitable for either Photoflood or Photoflash lamps. Complete exposure tables are printed on each Kodak Handy Reflector.

Kodak Handy Reflectors, Model C, per pair . . . \$ .15

*Other important snapshots-at-night materials are illustrated and described over the page.*



1



# SNAPSHOTS-AT-NIGHT AIDS

## PHOTOFLOOD AND PHOTOFLASH LAMPS (1)

Photoflood lamps give powerful illumination and are far more effective for picture making than ordinary electric bulbs. No. 1 size has a rated life of two hours at 115 volts. No. 2 is twice as brilliant and lasts three times as long.

Daylight-type Photoflood lamps are designed for use with Daylight-type Kodachrome Film (Professional, No. 135 and No. 828, and Ciné-Kodak), when artificial light of *daylight quality* is required to supplement natural daylight.

The No. 5 Photoflash lamp (Mighty Midget), for use with dry cells only, has all-wire filling and bayonet-type base. Another new Photoflash, No. 21B, is used to supplement daylight in outdoor or indoor pictures on Daylight Type Kodachrome Professional Film or Regular Kodachrome.

2



Mazda Photoflood Lamp No. 1 . . . . .	\$ .15
Mazda Photoflood Lamp No. 2 . . . . .	.30
Mazda Photoflood Lamp No. 1 Daylight . . . . .	.30
Mazda Photoflood Lamp No. 2 Daylight . . . . .	.60
Mazda Photoflood Lamp No. 4 Daylight . . . . .	1.75
Mazda Reflector Photoflood Lamp R2 . . . . .	.85
Mazda Photoflash Lamp No. 5 . . . . .	.13
Mazda Photoflash Lamp No. 7 . . . . .	.15
Mazda Photoflash Lamp No. 11A . . . . .	.13
Mazda Photoflash Lamp No. 16A or No. 21 . . . . .	.15
Mazda Photoflash Lamp No. 21B . . . . .	.20
Mazda Photoflash Lamp No. 75 . . . . .	.55

**ADAPTERS FOR NO. 5 PHOTOFLASH** (not illustrated) No. 68 Adapter permits the use of No. 5 Photoflash in place of No. 7 or No. 11A in medium screw base type sockets. No. 681 Adapter is for use with No. 5 Photoflash when replacing No. 21.

No. 68 Adapter (short) . . . . .	\$ .40
No. 681 Adapter (long) . . . . .	.50

## KODAK SUPER-XX FILM (2) See Pages 4, 5, 12

## KODAK CONTROL FOR PHOTOFLOOD LAMPS (3)

This device prolongs the life of Nos. 1 and 2 Photoflood lamps and cuts down their heat and glare by operating the lamps at reduced current while the subject is composed. Also useful when employing Photoflood lamps in enlargers not having built-in resistors.

Plugs into a power line of 100-125 volts, either A.C. or D.C. Four sockets are provided for Photoflood lamp cords.

Kodak Control for Photoflood Lamps . . . . .	\$4.50
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**KODAK FLASH SYNCHRONIZER (4)** For use at slow shutter speeds. Can be attached to all Kodaks having cable release and tripod socket fittings.

The battery case is of black fibre material and holds two 1½-volt size C cells. The lamp socket will accept any medium screw base lamp. The highly polished reflector has been designed for use with Mazda Photoflash lamps.

The user can easily make his own adjustments for synchronization with shutter speeds up to 1/25. A 2½-volt test lamp and cord to fit the lamp socket in the battery case are supplied to assist in synchronizing.

Kodak Flash Synchronizer . . . . .	\$7.50
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3



4



## KODAK COMBINATION LENS ATTACHMENTS

KODAK Combination Lens Attachments provide a set of matched accessories for your camera. They fit nearly all cameras made, and include filters, supplementary lenses, Pola-Screen, diffusion disks, lens hood—all designed to be used individually or in appropriate combinations.

The *Kodak Adapter Ring* is the basic attachment—the foundation of the system. It is obtainable in a range of sizes to fit practically any camera having a lens mount measuring from  $\frac{3}{4}$  to  $2\frac{1}{2}$  inches in diameter. This Adapter Ring provides the mount which holds any of the other attachments over the camera lens. After you have procured one Adapter Ring, you need purchase only the various unmounted disks when you wish to add to your equipment. In order that disks may readily be changed, the Adapter Ring divides—a knurled ring, the *Adapter Ring Insert*, holding the disks in the Adapter Ring proper. If you wish to use a *Lens Hood*, this latter simply takes the place of the Adapter Ring Insert. The Kodak Pola-Screen differs slightly from the other disks in that it is mounted in its own cell with an indicator handle and must be screwed directly into the Adapter Ring.

### FILTERS FOR BLACK AND WHITE—

*Yellow Filters:* The most useful filter is one which is medium yellow in color. Such a filter, the Kodak Color Filter, for example, cuts out the blue and ultraviolet light to which all film is overly sensitive, thus darkening a blue sky, making white clouds, sails, or foreground objects stand out more prominently. Wratten Filters K-1, K-2, and G give you this effect in light, medium, and pronounced strength, respectively. The G also cuts through distant mountain haze.

*Kodak Sky Filter:* A divided filter—the top being yellow, the bottom clear. This permits filtering the top half or sky portion of the picture more heavily than the rest. No increase in exposure time is required.

*Wratten X-1:* Light green. Gives very pleasing color rendition to landscape, garden, flower, and other foliage scenes.

(1) Kodak Pola-Screen Viewer shows effect Pola-Screen will produce. (2) Convenience, flexibility mark Kodak Combination Lens Attachments.

*Wratten A:* The red A filter is for extreme contrast in scenes containing blue sky, white clouds, and strongly lighted foreground subjects. It is the standard filter for use with Kodak Infra-Red Film.

**FILTERS FOR KODACHROME**—The following filters for use with Kodachrome Film are available in the Kodak Combination Lens Attachments: *Kodachrome Haze Filter, Type A Kodachrome Filter for Daylight, Type B Kodachrome Filter for Daylight, and Kodachrome Filter for Photoflood.* See directions with Kodachrome Film regarding use of filters.



**SUPPLEMENTARY LENSES**—These are positive and negative meniscus lenses which fit the Kodak Adapter Rings just as do the Wratten Filter Disks.

*Portra 1+, 2+, and 3+*: Positive lenses of 1, 2, and 3 diopters (the greater the diopters, the greater the lens power). These are slipped in front of the camera lens to permit focus at close range with ordinary hand cameras. Tables of distance for focusing are supplied with each lens, it being necessary only to measure the lens-to-subject distance and then set the focusing scale of the camera at the point indicated in the table.

*Telek 2- and 3-*: Negative lenses of 2 and 3 diopters, respectively, for use only with cameras having ground glass and double extension bellows. They increase the effective focal lengths of the camera lens and give a telephoto effect by cutting down the size of the field covered. The stronger the supplementary lens, either positive or negative, the greater will be the effect, and, as with any supplementary lens, the smaller camera stops should be used as far as possible.

*Pictorial Diffusion Disk*: An embossed glass disk which scatters part of the light it transmits and thus slightly diffuses the image on the film.

*Portrait Diffusion Disk*: Also diffuses the picture somewhat, but in addition it is a positive supplementary lens, permitting use of the camera at closer distances for portraits. A distance table is supplied with this disk.

*Pola-Screen*: Kodak Pola-Screens come in mounts threaded to fit Kodak Adapter Rings. They subdue reflections from pol-

ished, nonmetallic surfaces, and darken a blue sky at right angles to the sun. Pola-Screens do not affect color relationship of foreground objects—consequently they present the only method of darkening a blue sky on Kodachrome Film. Each Pola-Screen has a handle which indicates the plane of polarization and to which attaches the Kodak Pola-Screen Viewer—a smaller viewing screen which indicates the effect of the Pola-Screen on the picture. A filter and a Lens Hood may be used with a Pola-Screen if desired.

#### **ATTACHMENT ACCESSORIES—**

*Kodak Retaining Ring*: Permits use at the same time of a filter and Diffusion Disk, filter and supplementary lens, or any two disks together. This ring holds one disk in place in the Adapter Ring, and itself accepts a second disk which can be held in place by the Lens Hood or by the Adapter Ring Insert, which has been removed from the Adapter Ring.

*Step-Up Ring*: For a picture taker having two or more cameras which require Adapter Rings in more than one series, there are Step-Up Rings available which allow him to use larger series attachments on the smaller camera.

*Filter Case*: For sets of Kodak Combination Lens Attachments in Series V and Series VI sizes. Illustrated and described on page 43 of this catalog.

*Other Kodak Lens Attachments*: Filters and other lens attachments are available in mounts of appropriate size which slip over the lenses of many current Eastman cameras. Portrait Attachments for close-ups with hand cameras are available for all modern Kodaks. See page 18 for listings.

Ask for free booklet, "Kodak Combination Lens Attachments," giving more complete information.



# WRATTEN FILTERS AND KODAK COMBINATION LENS ATTACHMENTS

For all lens mounts measuring from  $\frac{3}{4}$  to  $2\frac{1}{2}$  inches in diameter.

IMPORTANT	ADAPTER RING SIZES							
	Series V For Lenses $\frac{3}{4}$ - $1\frac{3}{16}$ in.		Series VI For Lenses $1\frac{1}{4}$ - $1\frac{21}{32}$ in.		Series VII For Lenses $1\frac{1}{16}$ -2 in.		Series VIII For Lenses $2\frac{1}{16}$ - $2\frac{1}{2}$ in.	
	In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.
Order Adapter Ring by lens mount diameter.								
All Adapter Rings are of the "slip-on" type unless otherwise indicated.								
If no Adapter Ring listed provides an exact fit, select the next larger listed size (within $\frac{1}{32}$ inch).	$\frac{3}{4}$	19	$1\frac{1}{4}$	31.5	$1\frac{1}{16}$	42.5	$2\frac{1}{16}$	52
	$\frac{13}{16}$	20.5	$1\frac{5}{16}$	33	$1\frac{3}{4}$	44.5	$2\frac{1}{8}$	54
	$\frac{7}{8}$	22	$1\frac{3}{8}$	35	$1\frac{1}{2}$	46	$2\frac{3}{16}$	55.5
	$\frac{15}{16}$	23.5	$1\frac{13}{32}$	35.5	$1\frac{7}{8}$	47.5	$2\frac{1}{4}$	57
Order other attachments by Series number and variety.	1	25.5	$1\frac{1}{8}$	36.5	$1\frac{1}{2}$	49	$2\frac{5}{16}$	58.5
	$1\frac{1}{32}$	26	$1\frac{13}{32}$	37	2	50.5	$2\frac{3}{8}$	60
Adapter Ring includes Adapter Insert to hold filter, supplementary lens, or diffusion disk.	$1\frac{1}{16}$	27	$1\frac{1}{2}$	38			$2\frac{7}{16}$	62
	$1\frac{1}{8}$	28.5	$1\frac{9}{16}$	39.5			$2\frac{1}{2}$	63.5
	$1\frac{3}{16}$	30	$1\frac{5}{8}$	41				
	#18* (Screw In)		$1\frac{21}{32}$	42				
	#19* (Screw In)							
	#21* (Screw In)							
Kodak Adapter Ring	\$ .75		\$ 1.00		\$ 1.25		\$ 2.00	
Wratten Filter** in "B" Glass (Unmounted)	1.45		1.75		2.10		2.85	
Wratten Filter Complete (Adapter Ring and Filter)	2.20		2.75		3.35		4.85	
Kodak CK-3 Filter (Unmounted)	1.45		1.75		2.10			
Kodak ND-2 Filter (Unmounted)	1.45		1.75		2.10			
Eastman Color Compensating Filters (Set 7 with case)			16.25		18.50			
Kodak Pictorial Diffusion Disk	3.00		4.50		6.00			
Kodak Portrait Diffusion Disk	1.75		2.25					
Kodak Portra Lens 1+, 2+, 3+, each	1.35		2.00					
Kodak Telek Lens 2-, 3-, each			2.00					
Kodak Pola-Screen (In Leather Case)	10.00		11.00		14.00		15.00	
Kodak Pola-Screen Viewer	6.00		6.00		6.00		6.00	
Kodak Lens Hood†	1.50		1.75		2.50		3.50	
Kodak Retaining Ring	.75		.85		1.25		1.50	
Filter Case††	6.75		6.75					
Shoulder Strap for Filter Case	.75		.75					
Kodak Step-Up Ring, Series V-VI	1.00							
Kodak Step-Up Ring, Series VI-VII			1.50					
Kodak Step-Up Ring, Series VII-VIII					2.00			

\*No. 18 for Elmar  $f/3.5$  lens; No. 19 for Super Nettel with Tessar  $f/3.5$  lens; No. 21 for Kodak Retina I.

\*\*The following varieties of Filters are carried in stock for all sizes of Kodak Adapter Rings: Wratten A, B, C5, F, G, K1, K2, K3, X1, X2, 2A, Aero 1, Aero 2, 23A, Kodak Sky, Kodak Color, Kodachrome Filter for Photo flood, Kodachrome Haze Filter, Type A Kodachrome Filter for Daylight, Type B Kodachrome Filter for Daylight. For other filter varieties, available on special order, write for *Price List of Filters*.

†For Kodak Bantam Special or Retina II, use Kodak Lens Hood Series VI-A (\$1.75) with other Series VI attachments.

††Series V and VI Filter cases accommodate six filters or supplementary lenses, Kodak Lens Hood, Pola-Screen, Adapter Ring, and Pola-Screen Viewer.

## KODAK LENS ATTACHMENTS

KODAK Lens Attachments—the original type, fitting directly over the camera lens—are available for the Kodaks and Brownies listed below. They do not, of course, provide the versatility afforded by the Kodak Combination Lens Attachments discussed on the preceding pages. They are, however, extremely handy to use . . . effective in their picture results . . . and reasonably priced.

### SIZES AND PRICES OF KODAK LENS ATTACHMENTS

(Listings apply to current models of Eastman cameras. For attachments to be used on older models, see your dealer.)	Order by No.	Port. Attach.	Diff. Port. Attach.	Pict. Diff. Disks	Comb. Lens Attach. (Pages 15, 16, 17)		
					Sky or Color Filters	Adapter Ring Series	Sizes
Kodak Bantam, <i>f</i> /8 lens . . . . .	8A	\$ .65	\$1.50	....	\$1.25	V	$\frac{1}{8}$ in.
Kodak Bantam, <i>f</i> /6.3 lens . . . . .	8	.65	1.50	\$2.25	1.25	V	$\frac{3}{4}$ in.
Kodak Bantam, <i>f</i> /5.6 or <i>f</i> /4.5 lens . . . . .	3	.75	1.60	2.50	1.25†	V	$\frac{1}{8}$ in.
Kodak Bantam Special, EKTAR <i>f</i> /2.0 lens . . . . .	5A	1.00	....	3.00	1.75†	VI	$1\frac{1}{4}$ in.
Jiffy Kodak V. P., Doublet lens . . . . .	13	.75	1.75	2.50	1.50	V	1 in.
Kodak Duex . . . . .	13	.75	1.75	2.50	1.50	V	1 in.
Jiffy Kodak Six-20, Series II, Twindar lens . . . . .	6A	1.00	....	3.00	1.75†	V	$1\frac{1}{8}$ in.
Jiffy Kodak Six-16, Series II, Twindar lens . . . . .	7A	1.00	2.00	3.50	2.00†	V	$1\frac{1}{8}$ in.
Kodak Vigilant Junior Six-20, Kodet lens . . . . .	6A	1.00	....	3.00	1.75†	V	$1\frac{1}{8}$ in.
Kodak Vigilant Junior Six-20, Bimat lens . . . . .	5A	1.00	....	3.00	1.75†	V	$1\frac{1}{4}$ in.
Kodak Vigilant Junior Six-16, Kodet lens . . . . .	6A	1.00	....	3.00	1.75†	V	$1\frac{1}{8}$ in.
Kodak Vigilant Junior Six-16, Bimat lens . . . . .	7A	1.00	2.00	3.50	2.00†	VI	$1\frac{1}{8}$ in.
Kodak Vigilant Six-20, <i>f</i> /8.8 lens . . . . .	7A	1.00	2.00	3.50	2.00†	VI	$1\frac{1}{8}$ in.
Kodak Vigilant Six-20, <i>f</i> /6.3 lens . . . . .	6A	1.00	....	3.00	1.75†	V	$1\frac{1}{8}$ in.
Kodak Vigilant Six-16, <i>f</i> /4.5 lens (Kodamatic) . . . . .	5A	1.00	....	3.00	1.75†	VI	$1\frac{1}{4}$ in.
Kodak Vigilant Six-20, <i>f</i> /4.5 (Supermatic) . . . . .	5A	1.00	....	3.00	1.75†	VI	$1\frac{1}{4}$ in.
Kodak Vigilant Six-16, <i>f</i> /8.8 lens . . . . .	7A	1.00	2.00	3.50	2.00†	VI	$1\frac{1}{8}$ in.
Kodak Vigilant Six-16, <i>f</i> /6.3 lens . . . . .	5A	1.00	....	3.00	1.75†	VI	$1\frac{1}{4}$ in.
Kodak Vigilant Six-16, <i>f</i> /4.5 lens (Kodamatic) . . . . .	7A	1.00	2.00	3.50	2.00†	VI	$1\frac{1}{8}$ in.
Kodak Vigilant Six-16, <i>f</i> /4.5 (Supermatic) . . . . .	23	1.50	2.50	4.50	2.50†	VI	$1\frac{1}{2}$ in.
Kodak Monitor Six-20, <i>f</i> /4.5 lens (Kodamatic) . . . . .	5A	1.00	....	3.00	1.75†	VI	$1\frac{1}{4}$ in.
Kodak Monitor Six-20, <i>f</i> /4.5* (Supermatic) . . . . .	5A	1.00	....	3.00	1.75†	VI	$1\frac{1}{4}$ in.
Kodak Monitor Six-16, <i>f</i> /4.5 lens (Kodamatic) . . . . .	23	1.50	2.50	4.50	2.50†	VI	$1\frac{1}{2}$ in.
Kodak Monitor Six-16, <i>f</i> /4.5 (Supermatic) . . . . .	23	1.50	2.50	4.50	2.50†	VI	$1\frac{1}{2}$ in.
3A Kodak, Series II, <i>f</i> /6.3 lens . . . . .	7A	1.00	2.00	3.50	2.00†	VI	$1\frac{1}{8}$ in.
Super Kodak Six-20 . . . . .	..	....	....	....	....	VI	$1\frac{1}{8}$ in.
Kodak 35, <i>f</i> /5.6 lens . . . . .	7A	1.00	2.00	3.50	2.00†	VI	$1\frac{1}{8}$ in.
Kodak 35, <i>f</i> /3.5 and <i>f</i> /4.5 lens . . . . .	5A	1.00	....	3.00	1.75†	VI	$1\frac{1}{4}$ in.
Baby Brownie, Meniscus lens . . . . .	3	.75	1.60	....	1.25†	..	....
Baby Brownie Special . . . . .	3	.75	1.60	....	1.25†	..	....
Six-16 and Six-20 Brownie, Diway lens . . . . .	7A	1.00	2.00	3.50	2.00†	..	....
Six-16 and Six-20 Brownie Special . . . . .	7A	1.00	2.00	3.50	2.00†	..	....
Six-20 Brownie Junior, Meniscus lens . . . . .	6A	1.00	....	3.00	1.75†	..	....
Six-16 Brownie Junior, Meniscus lens . . . . .	7A	1.00	2.00	3.50	2.00†	..	....
Brownie Reflex . . . . .	13	.75	1.75	2.50	1.50	V	1 in.
Six-20 Bull's Eye . . . . .	7A	1.00	2.00	3.50	2.00†	..	....
Bullet Camera, Meniscus lens . . . . .	3	.75	1.60	....	1.25†	..	....

(7) Portrait Attachments are for close-ups of people, as well as clear-cut, close-range pictures of flowers, art objects, and still-life subjects in general. (8) A "soft-focus" diffusion shot such as those made with a Kodak Diffusion Portrait Attachment over the camera lens. (9) Pictorial Diffusion Disk subject. (10) A Kodak Sky Filter was used here.

\*Figures in this row for 100 mm. lens only. Kodak Monitors with 101 mm. lens take No. 7A Lens Attachments or Series IV Combination Lens Attachments with  $1\frac{1}{8}$ -inch Adapter Ring. (See Kodak 35, *f*/5.6.)

†Color Filters not available in these sizes. See Kodak Combination Lens Attachments.



# TRIPODS AND OTHER CAMERA SUPPORTS

**THE KODAK TABLE TOP TRIPOD COMBINATION (1)** A combination of the three units below, each substantially constructed of light-weight Duralumin. All of the units serve useful purposes.

Kodak Table Top Tripod Combination . . . . . \$7.00

**KODAK TABLE TOP TRIPOD (2)** Its rubber-tipped, detachable legs have a spread of 9½ inches. On the average-height table, it raises the camera to handy picture-taking level. It can also be held tightly against a vertical surface, such as a wall or tree, for long exposures—and is useful for low-level shots from the floor.

Kodak Table Top Tripod . . . . . \$1.75

**KODAK PAN-A-POD (3)** For "still" or movie-camera panoram-ing. Can be used with any standard tripod. It insures a smooth, steady swing, and a locking screw secures it in any selected position. The head is indexed with markings at 10-degree intervals.

Kodak Pan-a-Pod . . . . . \$3.00

**KODAK TILT-A-POD (4)** Fits tripods with standard screws. Camera may be tilted to any position and instantly locked there.

Kodak Tilt-a-Pod . . . . . \$2.50

**KODAPOD (5)** For use in place of a tripod outdoors. Toothed jaws grip tree, fence or other wooden object and hold securely. Other end threads into standard tripod socket.

Kodapod . . . . . \$1.75

**OPTIPOD (6)** Combined tripod head and felt-lined clamp, with ball-and-socket joint. Used alone, it clamps to shelf, table, or window ledge for unusual camera angles indoors. Tripod socket enables it to be used with all standard tripods indoors or out.

Optipod . . . . . \$1.25

**KODAK METAL TRIPODS (7)** Light, compact, rigid. Regular-size tripods that fold to small proportions. Fit standard tripod sockets. Nos. 1 and 2 have revolving heads to permit swinging camera.

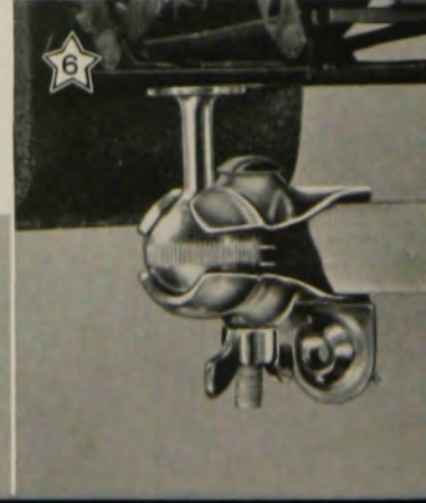
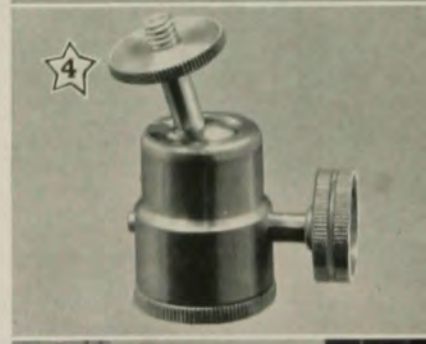
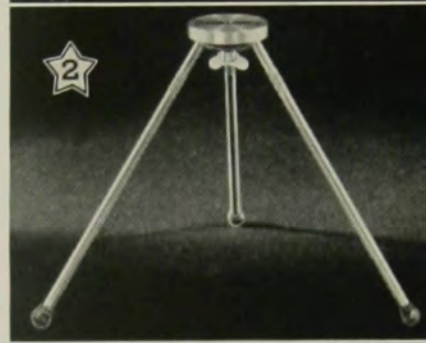
	Sec- tions	Length (inches)		Weight (ounces)	Price
		Closed	Extended		
Kodak Metal Tripod No. 0 . . .	3	15½	39½	15	\$2.75
Kodak Metal Tripod No. 1 . . .	4	15	47½	24½	4.50
Kodak Metal Tripod No. 2 . . .	5	13½	49½	25	5.00
Rubber Tips, for Metal Tripod Spurs (per set of 3) . . . . .					.10

**KODAK TRIPOD ADAPTER (not illustrated)** Increases scope of such cameras as Jiffy Kodaks Six-16 and Six-20; Kodak Juniors, Series II; Six-16 and Six-20 Brownies; and Brownie Juniors, by adapt-ing them for use on a tripod. Clamp screw holds camera firmly.

Kodak Tripod Adapter . . . . . \$1.00

**TRIPOD ADAPTER FOR KODAK BANTAMS** f/4.5, f/5.6, f/6.3, and Doublet (not illustrated). A stainless steel device containing a tripod socket. When attached to the camera, the adapter permits the making of horizontal pictures, using a tripod; for vertical shots, the additional use of an Optipod, Kodapod, or Tilt-a-Pod is necessary.

Tripod Adapter for Kodak Bantam . . . . . \$ .50



# CONVENIENT, MODERATELY PRICED EQUIPMENT FOR DEVELOPING

FILM developing is a phase of photography which many persons find extremely fascinating. And for those picture takers who like to do their own developing there is a variety of Kodak Film Tanks to make the process easier . . . more convenient . . . and more certain.

Each of these Kodak Film Tanks has been carefully designed by experts in the field, and each of them offers good value at its price—with a long period of useful and satisfactory service. Full instructions for its proper use accompany each outfit. Your Kodak dealer will be glad to advise you.

**KODAK ADJUSTABLE ROLL FILM TANK (1, 2)** The Kodak Adjustable Roll Film Tank affords remarkable loading ease and clean, uniform development. It accommodates the following film sizes: Nos. 828, 135, 235, 127, 116, 616, 120, and 620. It is constructed of stainless steel, with an absolutely lighttight molded cover. Spiral flanges are adjusted for different film sizes. With an extra set of flanges, two rolls of No. 35 mm. or Kodak Bantam film may be developed simultaneously.

The Kodak Adjustable Roll Film Tank may be loaded in darkness or under a safelight. Developing, fixing, and washing processes are carried on in daylight. Solutions are quickly and conveniently changed through the light-trapped top opening. Loaded capacity of the tank is 32 ounces.

Kodak Adjustable Roll Film Tank, instructions, practice film . . . . . \$5.00  
Film Hook for earlier models with metal core .20

**KODAK ADJUSTABLE SHEET FILM AND FILM PACK TANK (1, 7)** This tank is similar in construction and operation to the Kodak Adjustable Roll Film Tank, described above. It is provided with two adjustable flanges into which films are

easily inserted by the aid of a loading fixture.

Two cores are supplied for use with the Kodak Adjustable Sheet Film and Film Pack Tank: No. 1 for 4.5 x 6 cm., 2¼ x 3¼ in., and 2½ x 4¼ in.\* film pack films, and 2½ x 3½ in., and 3¼ x 4¼ in.\* sheet films; No. 2 for 45 x 107 mm.\*, 3¼ x 4¼ in.\* film pack films, and 4.5 x 6 cm., 45 x 107 mm.\*, 2¼ x 3¼ in., 6 x 9 cm., 6.5 x 9 cm. films.

\*Film sizes marked with an asterisk can be developed six at a time; all others are developed twelve at a time.

Kodak Adjustable Sheet Film and Film Pack Tank, two cores. . . . . \$7.00

## KODAK ADJUSTABLE SHEET FILM AND FILM PACK DEVELOPING REEL UNIT (6)

This practical accessory adapts the Kodak Adjustable Roll Film Tank for sheet film and film pack developing.

Kodak Adjustable Sheet Film and Film Pack Developing Reel Unit, with two cores . . \$4.50

## KODAK ADJUSTABLE ROLL FILM DEVELOPING REEL UNIT (5)

This unit increases the versatility of the Kodak Adjustable Sheet Film and Film Pack Tank

1



2



by adapting it so that it may be used to develop all of the roll films that are handled by the Kodak Adjustable Roll Film Tank.

Kodak Adjustable Roll Film Developing Reel Unit . . \$2.50

**KODAK FILM TANK (3)** The Kodak Film Tank is a simple, safe device for developing roll film, including Kodak Super-XX and Panatomic-X Films (see instructions packed with each roll of film). The whole developing process is done in daylight. The film is transferred to the reel in the lighttight box following which it is covered with the protecting apron.

Reel, film, and apron are then immersed in the solution cup and developed according to instructions. The Kodak Film Tank does not take sizes Nos. 828, 135, 235.

Kodak Film Tank, for films to 2½ in. wide . . . . \$6.50  
 For films to 3½ in. wide . . . . . 7.50  
 Kodak Tank Developer Powders, for 2½- and 3½-inch  
 Tank, ½ dozen . . . . . .25  
 Kodak Concentrated Acid Fixing Powder, for 1 qt.,  
 ½ gal., and 1 gal. . . . . \$1.15, \$2.25, .45

**KODAK FILM PACK TANK (4)** The Kodak Film Pack Tank is a handy means of developing any film pack. The films are loaded in the dark-room into a metal cage and then immersed in the Kodak Film Pack Tank.

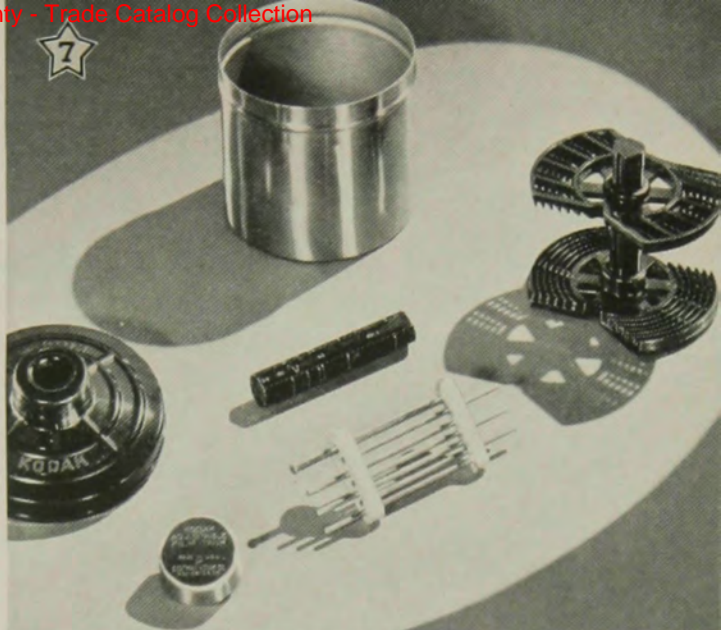
No. 1 Tank, for twelve 1¾ x 2¾ or 2¼ x 3¼ films . . \$1.75  
 No. 2 Tank, for twelve 2½ x 4¼, 3¼ x 4¼, 3 x 5¼,  
 3¼ x 5½, 4 x 5, or 9 x 12 (cm.) films . . . . 3.50  
 No. 1 Tank Developer Powders (6 pairs) . . . . .30  
 No. 2 Tank Developer Powders (6 pairs) . . . . .40  
 Kodak Concentrated Acid Fixing Powders, for 1 qt. . .15

**KODAK DEVELOPING GUIDE (not illustrated)** This is a dial calculator which indicates the proper developing times for Kodak Films in DK-20 at various temperatures to secure one of three degrees of contrast.

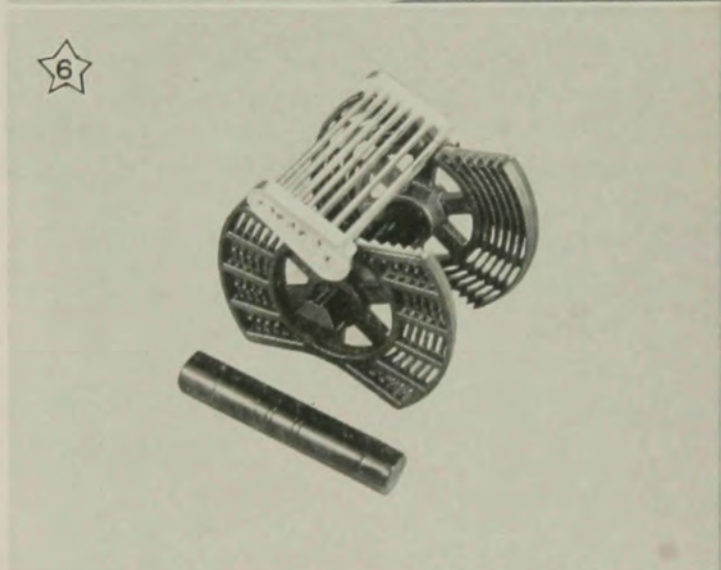
It is a most convenient developing accessory for the home darkroom.

Kodak Developing Guide . . . . . \$ .10

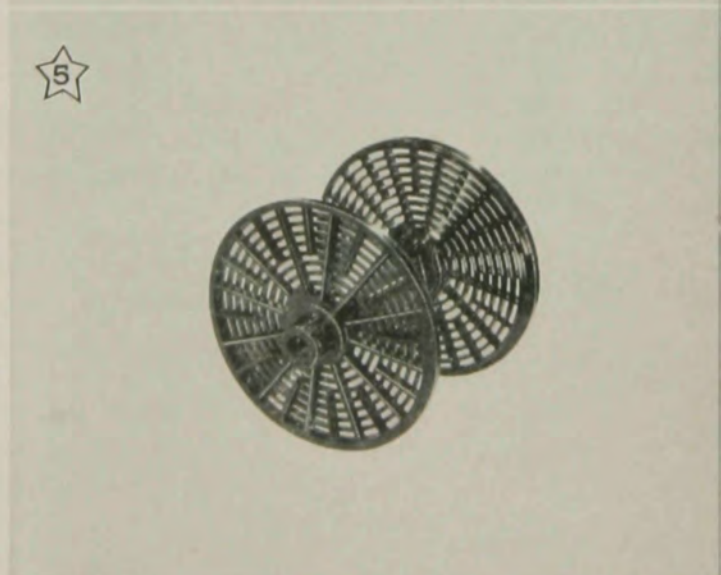
21



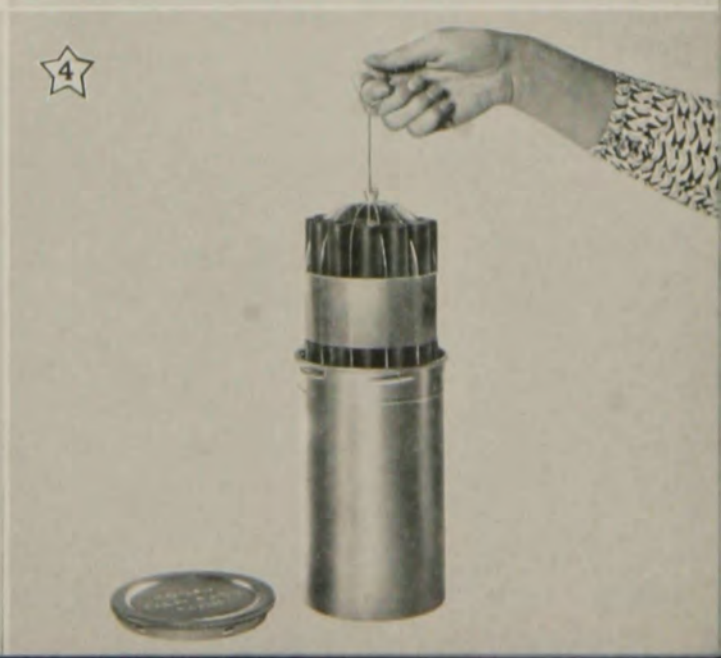
6



5



4



3



## EASTMAN SUPPLIES FOR THE HOME DARKROOM

BEST results in home developing cannot be obtained unless the temperatures of solutions are in line with those recommended. Any of the three thermometers illustrated at the bottom of the page can be depended upon to give accurate readings. The Eastman Interval Timer is another handy darkroom item, as is also the Eastman Studio Scale. Other desirable articles for the basement or attic finishing department are shown and described on this and the following page.

### THERMOMETER STIRRING ROD (1)

This is a practical combination of two home darkroom necessities. The solid glass stirring rod is  $\frac{1}{4}$  inch in diameter and  $9\frac{1}{4}$  inches long, one end being flattened for crushing purposes. It encloses a specially tested, reliable thermometer with liquid of black permacolor—easily seen in darkroom light.

Thermometer Stirring Rod . . . . . \$1.25

**EASTMAN THERMOMETER (2)** Especially convenient in tank or tray development. It is made with a concave back to fit the inside of a tank—and with a hook for hanging. The figures and degree marks are easily visible.

Eastman Thermometer . . . . . \$ .90

### KODAK TRAY THERMOMETER (3)

Here is a reliable, inexpensive Eastman Thermometer which has been designed especially for use in tray development. Its plainly marked figures and broad liquid area make accurate reading simple.

Kodak Tray Thermometer . . . . . \$ .65

### EASTMAN INTERVAL TIMER, MODEL B (4)

The Eastman Interval Timer, Model B, is an accurate and dependable device for timing any operation up to 30 minutes' length. It is useful in developing, in fixing, and in making long exposures. The mechanism is wound as you adjust the indicator for the desired interval. When the time expires for which the setting has been made, an alarm rings a warning. An adjustable stop simplifies repeat timing

especially where the timer is used in the dark.

Eastman Interval Timer . . . . . \$5.00

**EASTMAN STUDIO SCALES (5)** This two-pan scale has the accuracy requisite for handling photographic chemicals. Furnished with weights for either avoirdupois or metric system. A graduated beam with sliding weight provides for minor weights, in both avoirdupois and metric—in avoirdupois from 1 to 50 grains, and in metric from 1 to 50 decigrams. Additional metal weights to be placed in the pan are as follows: Avoirdupois, 2 of 50 grains, 1 each of  $\frac{1}{4}$ ,  $\frac{1}{2}$ , 1 and 2 ounces; Metric, 2 of 5 grams, and 1 each of 10, 15, 30, and 60 grams.

Nickeled and black enameled metal parts are set off by a mahogany finished base—9 inches long. In ordering, it should be specified whether avoirdupois or metric system weights are wanted.

Eastman Studio Scales, avoirdupois and metric system . . . . . \$4.50

Extra set of weights, avoirdupois or metric system . . . . . .90

### EASTMAN HARD RUBBER TANK

**4 x 5 (6)** The Eastman Hard Rubber Tank is intended to serve as a handy means for the uniform development of sheet film—and does so admirably. The tank has a capacity of  $\frac{1}{2}$ -gallon of solution, six films 4 x 5 or smaller in No. 4A Eastman Film and Plate Developing Hangers or eight films in Kodak Sheet Film Developing Hangers.

Eastman Hard Rubber Tank, 4 x 5, without hangers . . . . . \$2.50



**KODAK SHEET FILM DEVELOPING HANGERS (7)** For use with the Eastman Hard Rubber Tank. They are of sufficient length to lie across the top of the box, and are made of stainless steel.

Kodak Sheet Film Developing Hangers, each. . . . . \$ .30

**EASTMAN FILM AND PLATE DEVELOPING HANGERS No. 4-A** (not illustrated). May also be used with Eastman Hard Rubber Tank.

Eastman Film and Plate Developing Hangers No. 4-A  
3 1/4 x 4 1/4- or 4 x 5-inch size, each. . . . . \$ .60

**EASTMAN DEVELOPING TRAYS (8)** Two different types of Eastman Developing Trays are available—enameled and hard rubber—manufactured especially for photographic use.

The enameled trays are made of heavy white porcelain enamel on steel. The hard rubber trays are durably constructed of material that resists acid or alkaline photographic chemicals.

Eastman Enameled Developing Trays  
4 x 6-inch size . . . . . \$ .60  
5 x 7-inch size . . . . . .75  
8 x 10-inch size . . . . . 1.10  
11 x 14-inch size . . . . . 2.50

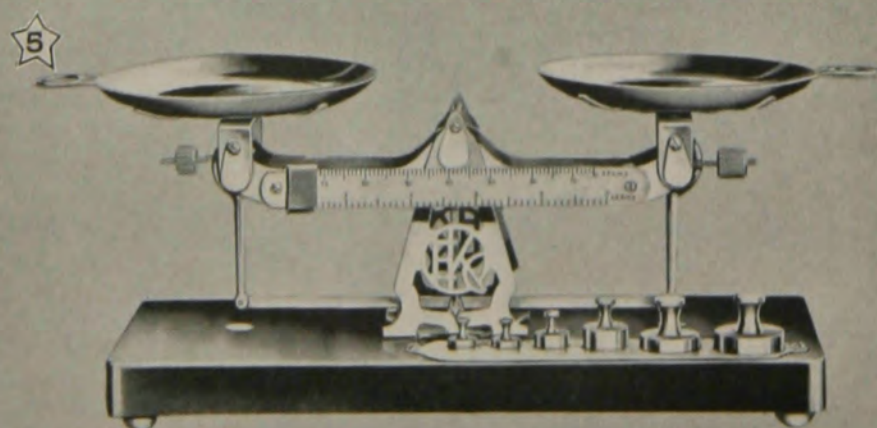
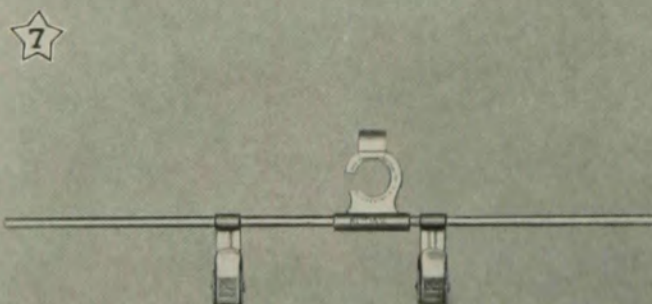
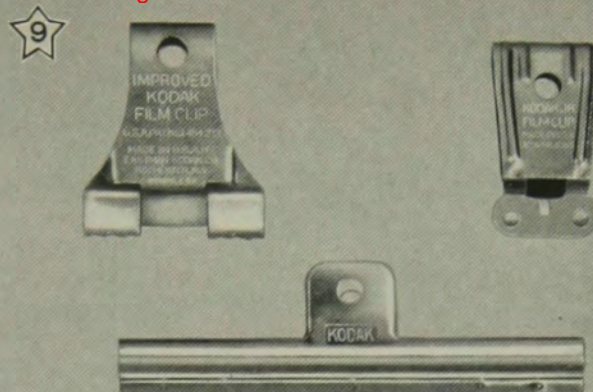
Eastman Hard Rubber Developing Tray  
4 x 6-inch size . . . . . .25

Eastman Standard Hard Rubber Trays  
5 x 7-inch size . . . . . .50  
8 x 10-inch size . . . . . .75

**FILM CLIPS (9)** The Improved Kodak Film Clip is made of stainless steel, is two inches wide, and has two deep-set jaws that take a firm grip on the film. Water drains from the clip through holes. This Improved Kodak Film Clip retains its gripping strength, does not corrode, and will render a long period of satisfactory service. It comes in two styles—one for suspending film; the other, with lead weight for attaching to the lower edge of the film.

The Kodak Junior Film Clip is also made of stainless steel, but its entire construction is somewhat smaller and lighter than the Improved Kodak Film Clip. It is 1 3/16 inches wide, has two teeth that grip firmly, and a convenient slot for hanging.

Improved Kodak Film Clip, without lead weight . . . \$ .30  
Improved Kodak Film Clip, with lead weight . . . .40  
Kodak Junior Film Clip . . . . . .10  
Eastman Film Developing Clip, 5-inch, per pair . . . .50  
23





In the foreground above is the Camera Works of the Eastman Kodak Company at Rochester, N. Y.—as it appears with its recently completed extensive addition. This plant, world's largest of its kind, is manufacturing headquarters for Eastman cameras and picture-taking accessories. In the background towers Kodak's main office building. Many other units of the Eastman organization—manufacturing . . . executive . . . research—are located within the spacious acreage of Kodak Park, near the city's outskirts.

## THESE EASTMAN ACCESSORIES MAKE PRINTING EASIER

AFTER the developing operations, of course, come those of printing. And the Eastman accessories shown on these pages will go a long way toward making your home printing more enjoyable. Other sections in this catalog take up materials for mounting prints, as well as those for coloring them.

**KODAK AMATEUR PRINTER (1)** For quick and convenient contact printing the amateur can choose no better means than this compact device. Fits negatives  $1\frac{5}{8} \times 2\frac{1}{2}$  to  $4 \times 5$  or  $3\frac{1}{4} \times 5\frac{1}{2}$  inches. Negative is placed on top glass window by the light of a red bulb inside printer. Masking arrangement controls margins. Paper is placed over negative, and hinged frame closed, automatically turning on 60-watt lamp (not supplied). Comes with  $5\frac{1}{2}$  feet of electric cord with plug, and red bulb.

Kodak Amateur Printer . . . . . \$12.00

**KODAK TIMER (2)** Assures accurate timing of printing exposures. Its metal base has a swivel support permitting it to be set at the angle giving the best visibility. Can be attached to wall or other surface. Has both minute and split-second hands.

Kodak Timer . . . . . \$5.00

**KODAK ELECTRIC TIMER (3)** This last word in timers is accurate, dependable, convenient. Push-button reset mechanism instantly starts each exposure at zero. Has extra large ( $5\frac{1}{2}$ -inch) dial diameter; a minute, as well as a large sweep second hand; and registers up to 60 minutes. Start and stop switch. Handsomely designed gray metal case. For 60-cycle A.C. lines only.

Kodak Electric Timer, with 60-cycle A.C. motor, cord and plug . . . \$9.50

**KODAK AUTO-MASK PRINTING FRAME (not illustrated)** Takes negatives  $4 \times 5$ ,  $3\frac{1}{4} \times 5\frac{1}{2}$  inches, or smaller. Has two slides that are handily adjusted from outside, forming an accurate mask of the size desired. Any number of uniformly masked prints can then be made without further adjustment.

Kodak Auto-Mask Printing Frame . . . . . \$1.50

**EASTMAN PRINTING FRAME (4)** Comes with a two-section hinged back, with clamps to hold both the negative and the paper firmly. The frame is supplied with glass.

For  $2\frac{1}{4} \times 3\frac{1}{4}$ -inch plates and V.P.K. or smaller film negatives . . . \$ .55

For  $2\frac{1}{2} \times 4\frac{1}{4}$ -inch or smaller film negatives . . . . . .55

For  $3\frac{1}{4} \times 4\frac{1}{4}$ -inch plates,  $2\frac{1}{4} \times 3\frac{1}{4}$  or smaller film negatives . . . .65

For  $3\frac{1}{4} \times 5\frac{1}{2}$ -inch film or plates . . . . . .65

For  $4 \times 5$ -inch plates or sheet films . . . . . .65

For  $5 \times 7$ -inch plates or sheet films . . . . . .80

Extra glass for above frames, per sheet . . . . . .05

**KODALOID PRINTING MASKS (5)** Orange-red transparent masks with openings for various print sizes. Enables the user to see clearly the portions being masked off.

Kodaloid Printing Masks with 5 x 7 Outside Dimensions

$3\frac{1}{16} \times 4\frac{1}{16}$  (No. 9)       $3\frac{1}{8} \times 4\frac{5}{16}$  (No. 15)

With 4 x 6 Outside Dimensions

$\frac{7}{8} \times 1\frac{3}{8}$ (No. 17)	$1\frac{1}{2} \times 2\frac{3}{8}$ (No. 1)	$3\frac{1}{16} \times 4\frac{1}{16}$ (No. 7)
$1\frac{1}{2} \times 1\frac{1}{2}$ (No. 18)	$2\frac{1}{16} \times 2\frac{1}{16}$ (No. 2)	$2\frac{3}{4} \times 4\frac{3}{4}$ (No. 8C)
$1\frac{1}{8} \times 1\frac{1}{2}$ (No. 0)	$2\frac{1}{16} \times 3\frac{1}{16}$ (No. 3)	$3\frac{1}{8} \times 5\frac{3}{8}$ (No. 8)
$1\frac{1}{2} \times 1\frac{1}{2}$ (No. 19)	$2\frac{3}{8} \times 4\frac{1}{16}$ (No. 4)	4 x 5 (No. 10)
$1\frac{1}{2} \times 2\frac{1}{8}$ (No. 16)	$2\frac{1}{16} \times 3\frac{1}{16}$ (No. 6)	

Kodaloid Printing Masks, any size, each . . . . . \$ .15

**EASTMAN MASK CHARTS (6)** Provide the picture taker with means of cutting out his own printing masks. Limits of any mask desired are determined by imprinted horizontal and vertical lines. Mask is then cut out with a knife.

Eastman Mask Charts, 5 x 7 inches, per dozen . . . . . \$ .15  
Eastman Mask Charts, 8 x 10 inches, per dozen . . . . . .25  
Eastman Mask Charts, 11 x 14 inches, per dozen . . . . . .45

**EASTMAN AUTOMATIC TRAY SIPHON (7)** Attaches to the water tap, fits any tray, and is adjustable to maintain any level of water in the tray. The small, hard-rubber tube supplies a stream of fresh water at any desired pressure to keep the prints separated. When the water makes the circuit of the tray and returns to its starting point, laden with hypo, the large tube siphons it out at the same speed at which it entered.

Eastman Automatic Tray Siphon . . . . . \$5.00

**KODAK PHOTO BLOTTER ROLL (8)** An efficient device designed for drying semi-matte and matte-surface prints, placed against linen lining on one of two rolls of white blotting paper. Capacity, about 60 prints of average size.

Kodak Photo Blotter Roll,  $11\frac{1}{2}$  inches x 6 feet . . . . . \$1.50

**FERROTYPE PLATES (not illustrated)** Polished enameled plates for putting an attractive high gloss on glossy papers.

Eastman Heavy Duty (Round Corner) Ferrotypes Plates  
10 x 14, each, \$.40; 14 x 20, each, \$.85; 18 x 24, each . . . . . \$1.35

**EASTKO RUBBER SQUEEGEE (not illustrated)** Molded of hard rubber.

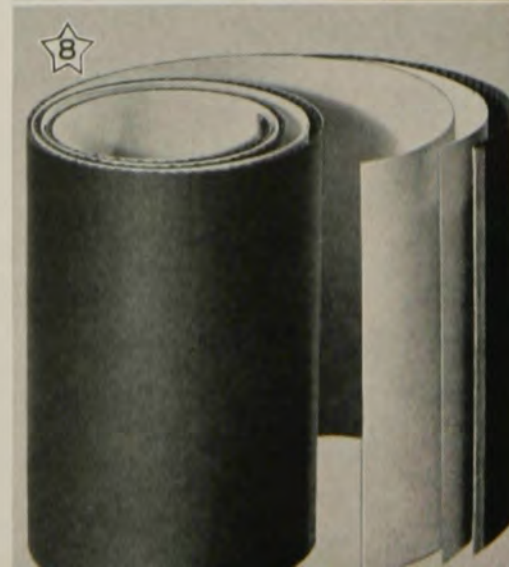
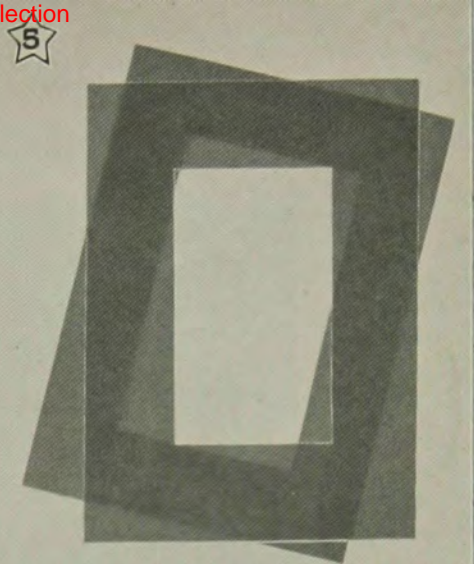
Eastko Rubber Squeegee . . . . . \$1.00

**KODAK FLEXOL (not illustrated)** A new preparation to keep photographic prints flexible and to minimize print curl. Aids in overcoming curling, cracking, and separating from ferrotype plates. Chemically pure and does not affect quality and keeping properties of prints, nor does it affect the color of paper stock and image. It is also of value for treating prints to be embossed. Miscible with water in all proportions, and the strength of the working solution can be adjusted to suit conditions.

Kodak Flexol  
8-ounce bottle . . . . . \$ .60  
1-gallon can . . . . . 5.50  
5-gallon can . . . . . 24.00

**KODAK PHOTO CHAMOIS (not illustrated)** For removing loose water from photographic films or plates in processing.

Kodak Photo Chamois  
8 x 10 inches . . . . . \$ .25  
11 x 14 inches . . . . . .50  
13 x 18 inches . . . . . 1.00  
19 x 26 inches . . . . . 2.00



EASTMAN PAPERS GIVE YOU BETTER PRINTS



THE Eastman photographic paper mill—only one in the Western Hemisphere—turns out more than a hundred different brands of paper, all noted for their high quality . . . uniformity . . . and ease of manipulation. And—counting various sizes, colors, weights, contrasts, surfaces—Kodak is ready on short notice to ship any one of more than 60,000 paper items. In this vast variety of products you are sure to find the right types of fine papers for all your needs. Eastman papers give you better prints.

**VELOX PAPER** A favorite amateur contact printing paper. Six degrees of contrast. Two surfaces. Nonabrasion. Single weight only.

GRADE	SURFACE	CONTRAST
E	Smooth, semi-matte	0 1 2 3 4 5
F	Smooth, glossy	0 1 2 3 4 5

SIZES IN INCHES		2 Doz.	1 Gr.
1 7/8 x 2 3/4 (for 1 5/8 x 2 1/2 negs.)	. .	\$ .15	\$ .50
2 1/2 x 3 1/2 (for 2 1/4 x 3 1/4 negs.)	. .	.20	.70
2 3/4 x 4 1/2 (for 2 1/2 x 4 1/4 negs.)	. .	.25	.90
3 1/2 x 4 1/2 (for 3 1/4 x 4 1/4 negs.)	. .	.25	1.10
3 1/8 x 5 1/8 (for 2 7/8 x 4 7/8 negs.)	. .	.25	1.15
3 1/2 x 5 3/4 (for 3 1/4 x 5 1/2 negs.)	. .	.30	1.40

**KODABROM PAPER** A high-speed, full-scale enlarging paper that is as easy to handle as Velox. Unusual keeping quality and stability of contrast. Four degrees of contrast. Five surfaces. Prices below are for single weight.

GRADE	SURFACE	CONTRAST
E	Smooth, semi-matte	1 2 3 4
F	Smooth, glossy	1 2 3 4

SIZES IN INCHES		1 Doz.	1/2 Gr.
5 x 7	. . . . .	\$ .35	\$1.75
6 1/2 x 8 1/2	. . . . .	.55	2.80
8 x 10	. . . . .	.75	3.95
11 x 14	. . . . .	1.40	7.40

# IT PAYS TO USE EASTMAN TESTED CHEMICALS



PICTURE TAKING is essentially a chemical process, involving the most delicate reactions of chemicals in solution with those in the films, plates and papers used to produce pictures. The quality of sensitive materials depends upon the chemicals of which they are made. And the quality of the picture taker's results depends largely upon the chemicals employed in the finishing processes. Only the purest chemicals are used in the manufacture of Eastman sensitive materials; and Eastman Tested Chemicals are of uniform quality—will eliminate uncertainty, and enable you to secure the finest possible negatives and prints.

## EASTMAN TESTED CHEMICALS

Acid, Acetic, 28 per cent—pound bottle . . . \$	.30
Alum, Potassium, fine granular—pound . . .	.16
Athenon (Glycin)—ounce . . . . .	.50
Elon—ounce . . . . .	.42
Hydroquinone—ounce can . . . . .	.20
Intensifier, Eastman (Chromium)—glass tube .	.25
Potassium Bromide—ounce bottle . . . . .	.12
Reducer and Stain Remover, Eastman—carton of 5 tubes . . . . .	.50
Sodium Carbonate (Desiccated)—pound can .	.19
Sodium Sulfite (Desiccated)—pound can . . .	.21
Sodium Thiosulfate (Hypo) prismatic—pound .	.12
Kodak Liquid Hardener, 4-ounce bottle . . .	.25
8-ounce bottle . . . . .	.35

## PREPARED DEVELOPERS

Universal Developer—carton of 5 glass tubes . . . . .	\$ .35
Film and Plate Developer—carton of 5 glass tubes . . . . .	.35
M. Q. Developer—carton of 5 glass tubes . .	.30

Nepera Solution, 4-ounce bottle . . . . .	\$.28
16-ounce bottle . . . . .	.84
Fine Grain Developer (Kodak) DK-20—bottle to make one pint . . . . .	.35
Bottle to make one quart . . . . .	.50
D-76 Elon-Hydroquinone Borax Developer (for maximum shadow detail and suitable fine grain on all films; satisfactory for use in tray, open or closed tank)	
Can to make one quart . . . . .	.25
Can to make half gallon . . . . .	.35
Can to make one gallon . . . . .	.60
D-72 A long-keeping developer for papers, panchromatic films	
Can to make one quart . . . . .	.25
Can to make half gallon . . . . .	.35
Can to make one gallon . . . . .	.60
Kodak Concentrated Acid Fixing Powder, for 1 qt., ½ gal., and 1 gal. . . . .	\$.15, \$.25, .45

(A few of the prices on this page are slightly higher west of the Rocky Mountains.)

## COMPLETE EASTMAN DARKROOM OUTFITS FOR DEVELOPING AND PRINTING

A CORNER of the basement, a big closet, an attic room—any of these will serve as a home darkroom in which the picture taker can carry on hours of interesting activity. The following outfits give the amateur the essential materials for developing and printing, and include adequate instructions which cover all necessary operations. All items are thoroughly reliable and may, if desired, be used as a basis for more elaborate equipment as the user progresses in this practical and

enjoyable phase of photography.

The outfits, being assembled in large numbers, can be offered at prices considerably lower than the total retail value of the separate items. It goes without saying that one of them would make a splendid gift for a youngster.

### KODAK DARKROOM OUTFIT NO. 1

(1) The most complete of all the Eastman darkroom outfits. Particularly valuable to advanced amateurs, and can also be used as a basis for permanent darkroom equipment by Boy Scouts, camera clubs, etc.

Kodak Darkroom Outfit No. 1 includes a Brownie Safelight Lamp (with Series 2 Safelights, unless otherwise specified), 10-watt Mazda Bulb, Kodak Auto-Mask Printing Frame, two 4 x 6 Enamelled Trays, 5 x 7 Enamelled Tray, 8-ounce Eastko Graduate, Hard Rubber Stirring Rod, Eastman Thermometer, 1 pair Film Developing Clips, 6 blotters (size 9½ x 12 inches), 1 package (5 tubes) Kodak M. Q. Developer, 1 package (5 tubes) Kodak Film and Plate Developer, 1 can of Kodak Concentrated Acid Fixing Powder for ½ gallon of solution, instruction booklet, and a copy of "How to Make Good Pictures."

Kodak Darkroom Outfit No. 1,  
complete, packed in black  
fiber case . . . . . \$8.75

30



### KODAK DARKROOM OUTFIT NO. 3

(2) This darkroom outfit is a fine value in the medium-priced field and is surprisingly complete for its cost, containing everything necessary for successful developing and printing. It also forms a good basis for assembling more advanced darkroom equipment inexpensively.

The Kodak Darkroom Outfit No. 3 contains a Brownie Darkroom Lamp, three 4 x 6 Hard Rubber Trays, an 8-ounce Eastko Graduate, a 3¼ x 5½-inch Eastman Printing Frame, a Glass Stirring Rod, a can of Kodak Concentrated Acid Fixing Powder sufficient for making ½ gallon of solution, a Kodak Tray Thermometer, two Kodak Junior Film Clips, six 9½ x 12-inch blotters, a set of Rubber Finger Tips, a package of 5 x 7-inch Mask Charts, two dozen sheets of Velox Paper (3¼ x 5½ inches), five tubes of Kodak Universal Developer, and a copy of "How to Make Good Pictures."

Each Kodak Darkroom Outfit No. 3 is accompanied by complete instructions for use.

Kodak Darkroom Outfit No. 3, packed in an attractive carton . . . . . \$4.25

### KODAK ABC DARKROOM OUTFIT

(3) A high value outfit that provides the amateur with the essential equipment for developing and printing pictures up to 3¼ x 5½ inches. True to its name, it is as simple as ABC for the beginner to use for good results.

The following items are included in the Kodak ABC Darkroom Outfit: One Brownie Darkroom Lamp, a 4-ounce graduate, three 3¼ x 5½-inch developing trays, a can of Kodak Concentrated Acid Fixing Powder sufficient for making one quart of solution, three tubes of Kodak Universal Developer, two dozen sheets of 3¼ x 5½-inch Velox Paper (Semi-Matte, Contrast No. 2), two Kodak Junior Film Clips, one Glass

Stirring Rod, and an Eastman Printing Frame, with glass for frame.

Like other Eastman darkroom outfits, the Kodak ABC Darkroom Outfit comes complete with full instructions. It's a buy, at its modest price.

Kodak ABC Darkroom Outfit, neatly packed in cardboard box . . . . . \$2.25

### EASTMAN'S BABY BROWNIE PICTURE LAB (4)

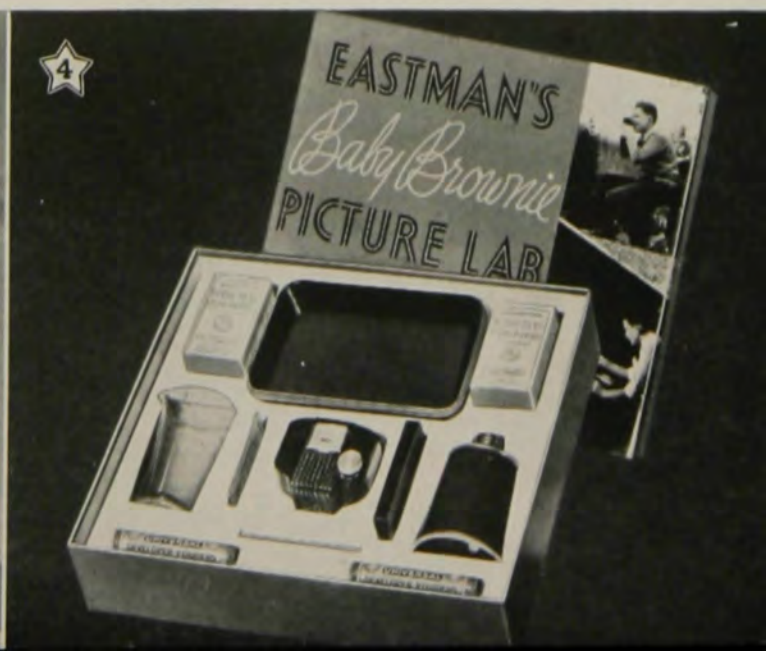
Here is a novel picture-making outfit that includes not only a camera, but also necessary items for developing and printing. It is complete for its small cost and is suitable either for children or adults just entering the field of picture taking.

As shown in the illustration, Eastman's Baby Brownie Picture Lab is packed in a carton that is die-cut to hold the various items. This is what the outfit includes: One Baby Brownie Camera with regulation instruction manual covering operation of the camera, a Brownie Darkroom Lamp, one 4-ounce Graduate, three 3¼ x 5½-inch Developing Trays, an 8-inch Stirring Rod, a 2¼ x 3¼-inch Printing Frame with glass, two dozen sheets of 1⅞ x 2¾-inch Velox Paper (Semi-Matte, Contrast No. 2), two ¼-pound cans of Kodak Acid Fixing Powder, two tubes of Kodak Universal Developer, a black paper mask to fit the printing frame with an aperture size of 1½ x 2⅜ inches, instruction manual with complete directions.

Eastman's Baby Brownie Picture Lab in compact carton . . . . . \$3.25

### OTHER EASTMAN DARKROOM EQUIPMENT

is completely described in other sections of this catalog. For accessories useful in developing, see pages 20, 21, 22, and 23. Refer to pages 26 and 27 for supplies to be used in connection with printing. Your Kodak dealer will be of help to you in selecting the proper supplies.





## EASTMAN ENLARGING EQUIPMENT FOR THE ADVANCED AMATEUR

**KODAK PRECISION ENLARGER** The Kodak Precision Enlarger was originally announced as equipment to accommodate all negative sizes up to  $2\frac{1}{4} \times 3\frac{1}{4}$  inches (see below). A supplementary assembly has now been made available, increasing the scope of this enlarger to include negative sizes larger than  $2\frac{1}{4} \times 3\frac{1}{4}$  inches up to the limits of  $4 \times 5\frac{1}{2}$  inches. More information on the next page.

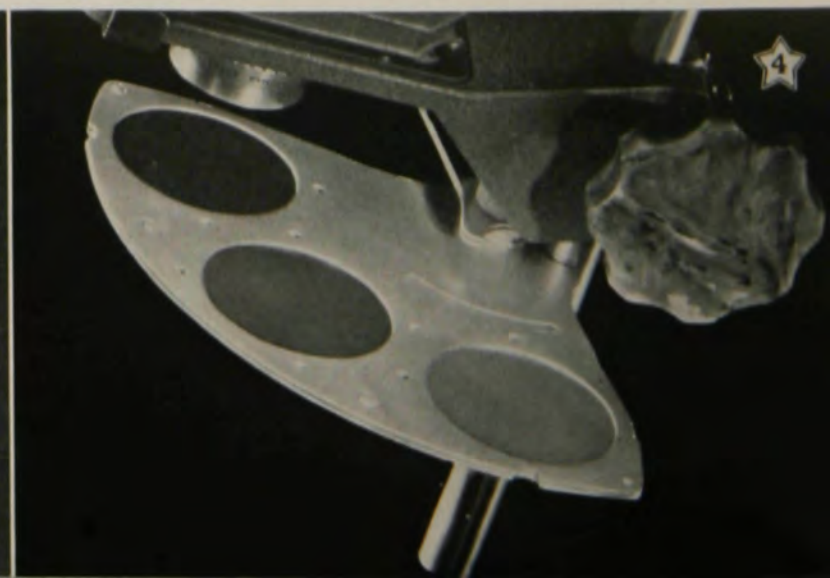
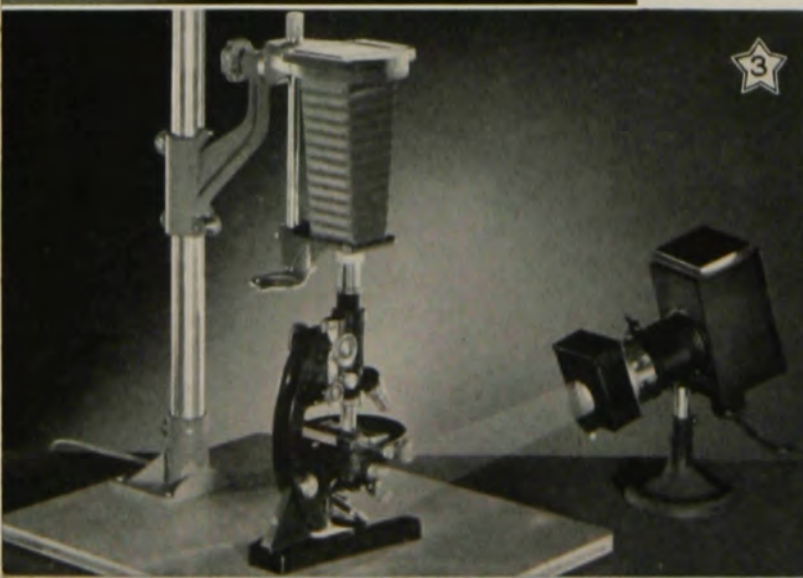
A complete line of accessories adapts the Kodak Precision Enlarger to many important uses. The special Kodachrome Transparency Holder with built-in gray scale and identifying filters, Tricolor Filter Holder, and lighttight lamphouse make separation negatives almost as easy as regular enlargements with the A Assembly; Kodachrome transparencies in the sheet film sizes can be held in the Combination Negative Carrier when using the B Assembly. Over- and underexposure can be eliminated by using the exposure meter accessory which adapts a Weston 650 Exposure Meter to determine correct printing time. Ruby swing-in filter for use while locating paper in holder. Diffusion disk of similar type easily mounted at the bottom of the bellows casting. Bellows Assembly and lens may be combined with a Camera Back Adapter to make the enlarger itself into a camera unexcelled for copying and still-life photography. The Stand Assembly alone may be fitted with Copying Lights and used with a suitable focusing camera for copying or titling.

### KODAK PRECISION ENLARGER—A Assembly

(1) Features easily interchangeable lenses and con-

(2) You select a lens to suit your needs with Kodak Precision Enlarger. (3) An inexpensive Microscope Attachment may be had for either enlarging head. (4) Tricolor Filter Holder also available for both heads. (5) Adjustable Negative Mask B for Enlarging Head B masks any negative up to  $4 \times 5\frac{1}{2}$  inches. (6) Combination Carrier B accepts negatives up to  $4 \times 5\frac{1}{2}$  inches. (7) Illustration shows Bellows Assembly B fitted with Camera Back Adapter B and Ground Glass Focusing Back B set up as a copying camera.

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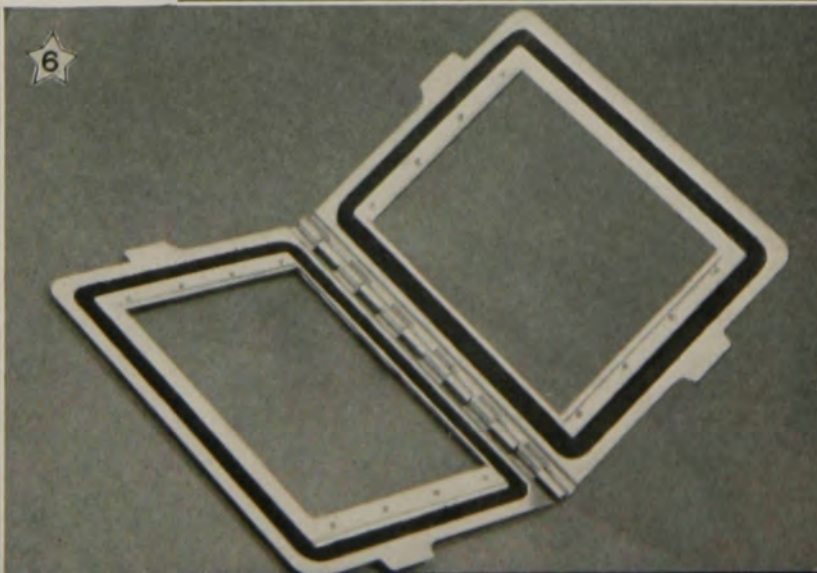
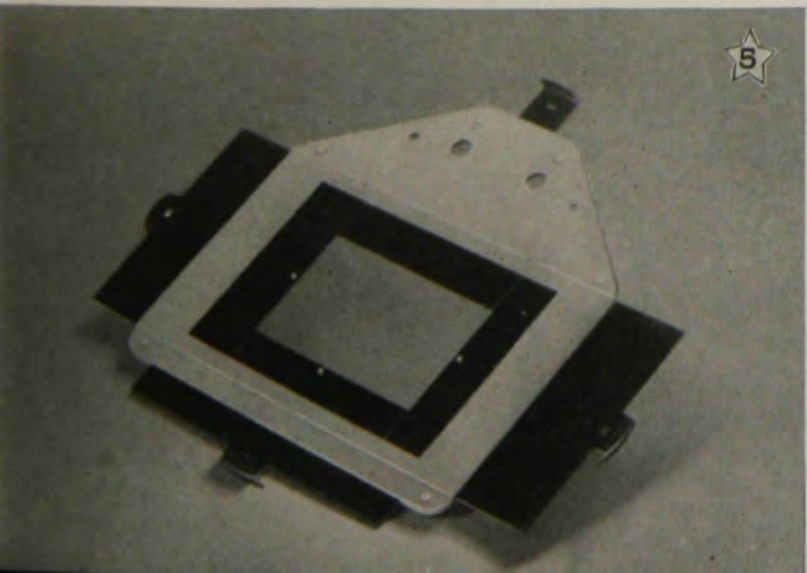
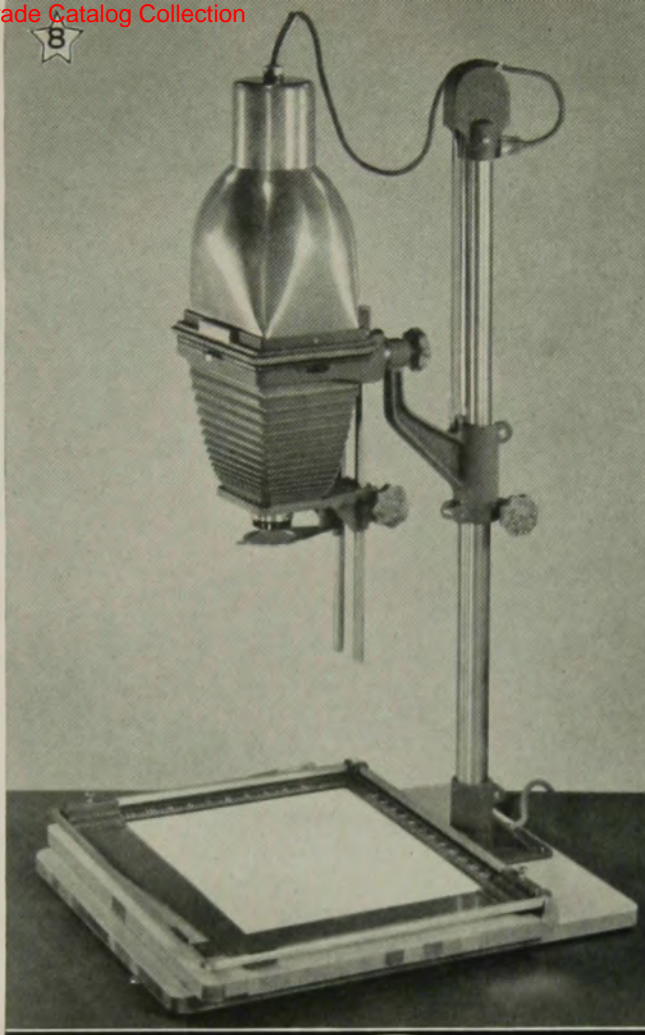


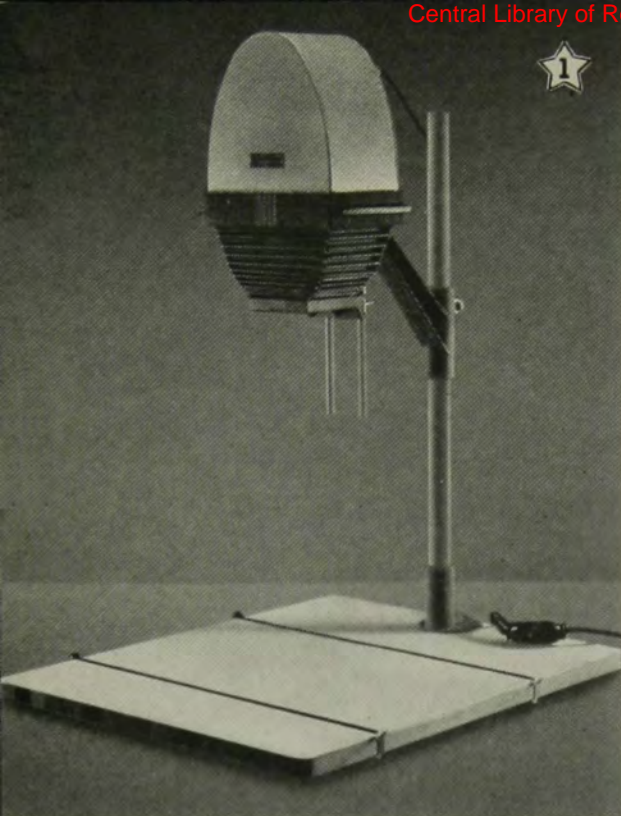
densers, enabling all negative sizes up to  $2\frac{1}{4} \times 3\frac{1}{4}$  inches to be enlarged. Two groups of specially designed lenses—the Kodak Projection Anastigmats and fully color-corrected Kodak Projection Ektars—in 2, 3, and 4-inch focal lengths. Up to 15-diameter enlargements on the baseboard with 2-inch lens. Glass or glassless carriers for all standard negative sizes. Critical focusing, with a smooth-operating, friction-drive mechanism. Counterbalance to aid in raising or lowering enlarger head, and positive lock to hold head at desired elevation. Lighttight lamphouse.

**KODAK PRECISION ENLARGER—B Assembly**  
(8) Based on the Stand Assembly, also basic unit for the present model, the new units (identified by the letter "B") consist of a lighttight diffusing type lamphouse and a new bellows assembly. Combination Negative Carrier B, included with lamphouse assembly, is hinged and accepts negatives up to  $4 \times 5\frac{1}{2}$  inches—sheet films, film pack films, plates, or individual frames cut from roll films. The Adjustable Negative Mask B supplements the Combination Negative Carrier. Three new lenses of varying focal lengths and apertures are also ready.

- Kodak Precision Enlarger, A Assembly (for negatives up to and including  $2\frac{1}{4} \times 3\frac{1}{4}$  inches), consisting of Stand Assembly, Bellows Assembly A, Condenser Head A with No. 2, 3, or 4 Condenser A, lamp, Glassless Negative Carrier A, without lens . . . . . \$67.50
- Kodak Precision Enlarger, B Assembly (for negatives up to and including  $4 \times 5\frac{1}{2}$  inches), consisting of Stand Assembly, Bellows Assembly B, Lamphouse Assembly B, Adjustable Negative Mask B, lamp, Combination Negative Carrier B, without lens . . . . . 75.00
- Stand Assembly (listed in both of above Assemblies) is interchangeable. Separately . . . . . 25.00
- Enlarging Head A (for negatives up to and including  $2\frac{1}{4} \times 3\frac{1}{4}$  inches), consisting of Bellows Assembly A, Condenser Head A with No. 2, 3, or 4 Condenser A, lamp, Glassless Negative Carrier A, without lens . . . 42.50
- Enlarging Head B (for negatives up to and including  $4 \times 5\frac{1}{2}$  inches), consisting of Bellows Assembly B, Lamphouse Assembly B, Adjustable Negative Mask B, lamp, Combination Negative Carrier B, without lens. . . 50.00
- Kodak Masking Paper Board . . . . . 15.00

*Free Booklet with More Complete Details of the Kodak Precision Enlarger and Its Accessories Is Available on Request.*





## CAPABLE EASTMAN ENLARGERS IN THE MODER- ATELY PRICED FIELD

THE Eastman enlargers on this and the next page offer you splendid equipment for the making of big prints. Whether you select the modestly priced Kodak Home Enlarger or one of the more expensive models, your enlarger will be carefully constructed in every detail to meet Eastman's high standards of quality.

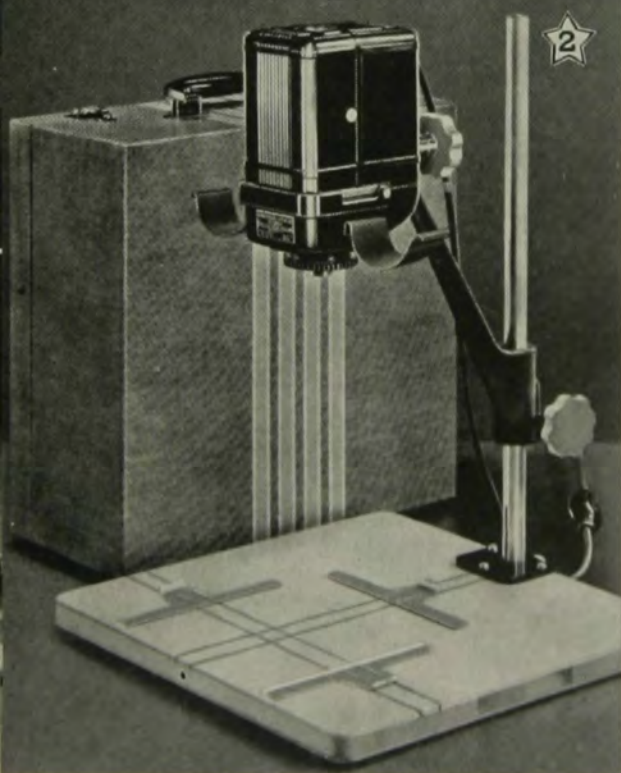
**KODAK ADVANCE ENLARGER (1)** For high quality enlargements from all popular amateur roll film negative sizes, from 35 mm. to  $3\frac{1}{4} \times 5\frac{1}{2}$  inches (enlarging a  $3\frac{1}{4} \times 4\frac{1}{4}$ -inch portion of a  $3\frac{1}{4} \times 5\frac{1}{2}$ -inch negative).

Constructed of die-cast aluminum parts for rigidity and accuracy. The nickel-plated vertical column is mounted on a  $17\frac{1}{2} \times 22$ -inch five-ply base. Lower bellows frame accepts interchangeably Kodak Precision Enlarger projection lenses. The 4-inch  $f/11$  projection lens supplied with this enlarger has sufficient speed and covering power for fine enlargements— $5\frac{1}{2}$  diameters at base-board, larger at floor; for greater magnification or printing speed, the accessory 50 mm. Kodak Projection Anastigmat  $f/6.3$  lens can be used interchangeably with it.

Focusing is quick and accurate. A parabolic-shaped lamphouse directs the light from a Mazda No. 211, 75-watt, Photo Enlarger lamp to the opal diffusing screen, for even illumination at the paper board.

Kodak Advance Enlarger with 98-mm. (4-inch)  $f/11$  projection

lens and baseboard, but without lamp . . . . .	\$27.50
Kodak Advance Enlarger without lens or lamp . . . . .	25.00
Kodak 50-mm. Projection Anastigmat $f/6.3$ Lens . . . . .	7.50
Kodak Masking Paper Board . . . . .	15.00
Tilting Legs for Kodak Masking Paper Board, set of three . . . . .	6.50
Ruby Kodaloid Masks (to accommodate all Kodak Roll Film sizes from $3\frac{1}{4} \times 4\frac{1}{4}$ inches down), each . . . . .	.15
Diffusing Disc (for use with $f/11$ lens) . . . . .	1.50
Safety Filter (for use with $f/11$ lens) . . . . .	.50
No. 211, 75-watt, Mazda Photo Enlarger lamp . . . . .	.25



### KODAK PORTABLE MINIATURE ENLARGER (2)

Made solely for miniature negatives (35-mm. and Bantam). Skillfully designed so that it may be quickly taken down and packed in an ingenious Carryall Case for convenient storing and easy portability. The case not only provides space for the enlarger, but also for a Kodak Adjustable Roll Film Tank, an assortment of chemicals, a miniature camera, films, and accessories.

The enlarger head is of strong, molded material, and holds the three-lens condenser system; heat-absorbing glass; No. 113, 50-watt, 115-volt Mazda Photo Enlarger lamp; and a metal light baffle to reduce light leakage and promote cooling. It is attached to a cast aluminum bracket arm, and may be shifted smoothly up or down the 17-inch, nicked steel vertical supporting column. The three lenses available are accurate, sharp-cutting



projection anastigmats especially designed for enlarging. The enlarging range is from 2½ to 9 diameters on the baseboard—still greater on wall or floor. The 13 x 13-inch baseboard is five-ply maple, sealed under pressure.

Together, the case and enlarger weigh only twelve pounds. And the outside dimensions of the case are only 13¾ x 13¾ x 6¼ inches. It is easy to see, therefore, how conveniently the Kodak Portable Miniature Enlarger can be taken along on trips and vacations for enlarging en route... and how compact a photo "lab" it becomes when storage space is limited to the corner of a closet in a small apartment.

- Kodak Portable Miniature Enlarger with one Glassless Negative Carrier\* and No. 113 Mazda Photo Enlarger Lamp†, without lens\*\* and without lens tube or case . . \$27.50
  - Kodak Portable Miniature Enlarger with one Glassless Negative Carrier\*, No. 113 Mazda Photo Enlarger Lamp†, and Carryall Case, without lens\*\* . . . . . 35.00
  - Kodak (2-inch) Projection Anastigmat f/6.3 lens in lens tube . . . . . 7.50
  - Kodak 2-inch Projection Anastigmat f/4.5 lens in lens tube . . . . . 15.00
  - Kodak 2-inch Projection Ektar f/4.5 lens in lens tube . . . . . 25.00
  - 35-mm. Glassless Negative Carrier . . . . 1.00
  - Bantam Glassless Negative Carrier . . . . 1.00
  - Carryall Case . . . . . 10.00
  - No. 113, 50-watt, Mazda Photo Enlarger Lamp .35
- \*Specify 35-mm. or Bantam Carrier.  
 †If for use with 6-8 volt or 28-32 volt, orders should so specify.  
 \*\*Choice of three lenses should be specified.

**KODAK AUTO-FOCUS ENLARGER, MODEL B (3)** Can be clamped to any table. As projector is moved up or down to form image of desired size, a cam-and-lever arrangement keeps focus critically sharp. Complete with paper holder, with clamps and felt-covered bottom. Negative holder has opening 4 x 6 inches. Film or plate negatives enlarged from 1½ to 3½ diame-

ters. Takes a No. 1 Mazda Photoflood lamp, and switches permit either of two degrees of illumination. The high intensity is used for normal negatives. The low intensity prolongs the life of the lamp and is an advantage in increasing exposures when enlarging from extremely thin negatives.

- Kodak Auto-Focus Enlarger, Model B, with Kodak Anastigmat lens, electric cord and plug, No. 1 Photoflood lamp, set of seven flexible metal masks, paper holder . . . \$40.00
- Paper Holder only . . . . . 7.50
- Diffusing Disc for soft-focus effects . . . 1.50
- Kodak Enlarger Paper-Cabinet Base. Provides base for enlarger as well as conveniently located compartments for 5 x 7, 8 x 10, 11 x 14-inch paper, etc. . . . 12.00

**KODAK TRANSPARENCY ENLARGER (4)** A simple means of making black-and-white negatives from miniature Kodachrome transparencies. Makes eight enlarged negatives, approximately 2⅛ x 3⅛ inches, on a roll of No. 616 Kodak Film. The transparency, either unmounted or mounted in glass or Ready-Mount, is clamped in position before the lens. An exposure is made by placing the Enlarger close to a brilliant light, such as a No. 1 Photoflood, and opening the shutter a few seconds. Between the transparency and the lens is a slot into which fits a filter holder supplied with Wratten Tricolor Filters and a space for a filter of the user's choice.

Kodak Transparency Enlarger . . . . . \$18.50

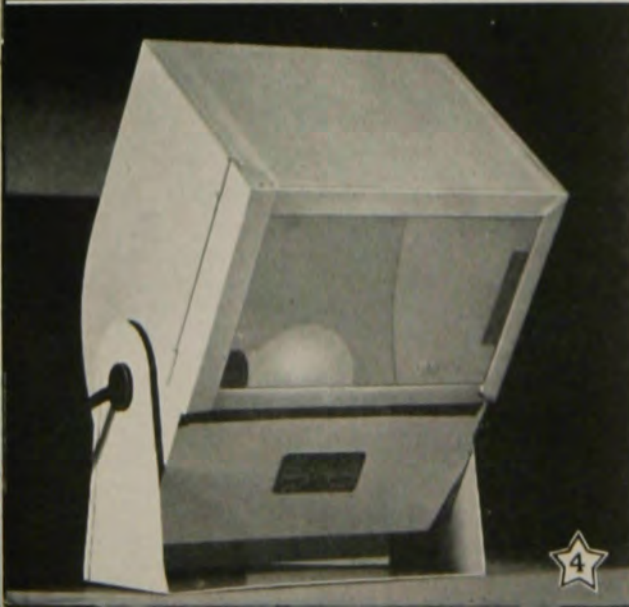
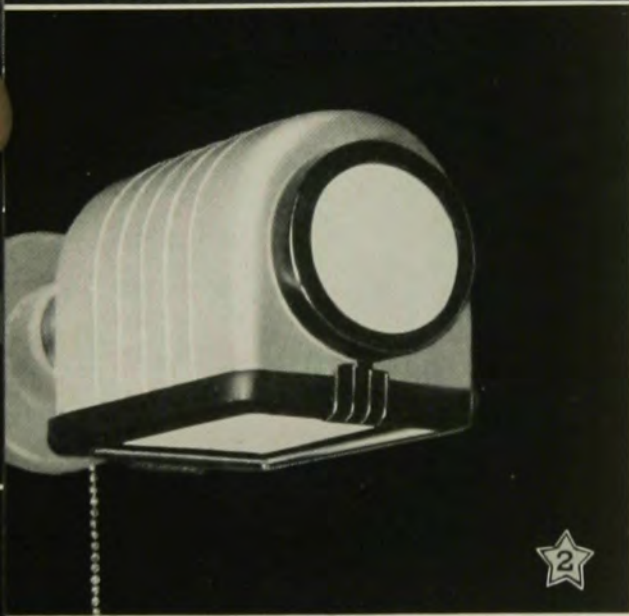
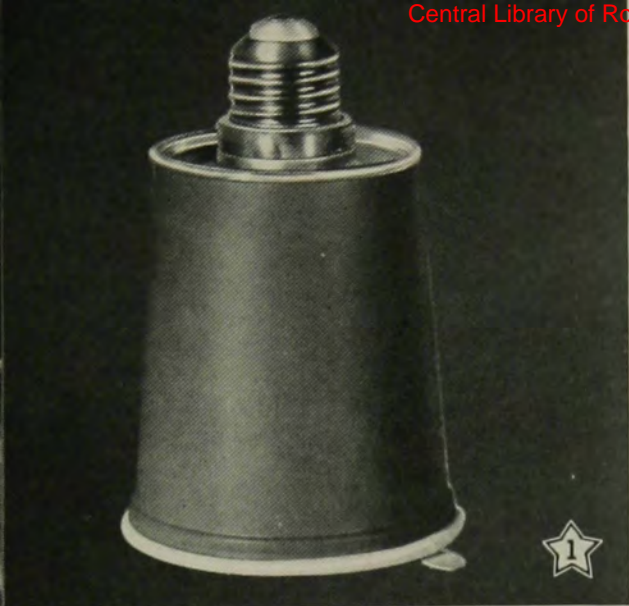
**KODAK HOME ENLARGER (5)** Adapted particularly to beginners. Takes negatives up to 3¼ x 4¼ inches and 9 x 12 centimeters. 4½ inches of the length of 3¼ x 5½ negatives can be enlarged. Enlargements up to 11 x 14 inches; to 5 x 7 from half-vest pocket, and proportionate enlargements from larger negatives.

Kodak Home Enlarger (without 60-watt lamp) . . . . . \$16.50

Safety Filter only . . . . . .50

Diffusing Disc for soft-focus effects . . . 1.50





## EASTMAN DARKROOM LAMPS

FUMBLING about in the dark without illumination is not only wasting time, but often also seriously handicapping your photographic work. Choose one of the Eastman lamps on this page and be sure of adequate, yet safe, darkroom illumination. Each does its work effectively—and gives you full value for its moderate price.

**BROWNIE DARKROOM LAMPS (1)** Made of colored paper-board. 7½-watt bulb. Series 2 for Verichrome or Regular (N.C.) Film; Series 3 for "Pan" films not requiring total darkness; Series 0 for printing, enlarging. Brownie Darkroom Lamp (in ordering, please specify Series 2, 3, or 0) . . . . . \$ .50

**BROWNIE SAFELIGHT LAMP, MODEL D (2)** Gray finished metal shell, with black metal lock ring for circular Safelight and molded black rim for rectangular Safelight. (Series 2 Safelights supplied unless otherwise specified.) Light source is 10-watt bulb. Brownie Safelight Lamp, Model D, without bulb . . . . . \$2.00

**EASTMAN DARKROOM LAMP (3)** Here is a new lamp that will lend an air of modernity to your darkroom. It is a completely lighttight unit of the parabolic type. The shell is of gray finished metal, with a molded black lock ring to hold the Safelight glass in position. The lamp attaches with threaded connection to drop cord or wall socket. It is 5⅞ inches in diameter, 6⅝ inches high, and is fitted with a circular Safelight glass 5½ inches in diameter. Accommodates 10-watt bulb.

With 5½-inch diameter Safelight, any series (Series II unless otherwise specified), plug and socket, but without bulb . . . \$3.00

**KODAK SAFELIGHT LAMP (4)** Its adjustment bracket permits it to be attached to wall, shelf, or bench, elbows swinging in an arc of almost 180°. All metal construction. Unless otherwise specified, the Kodak Safelight Lamp is supplied with a 5 x 7 Series 2 Safelight. Kodak Safelight Lamp, without 25-watt bulb . . . . . \$4.00

**SAFELIGHT INFORMATION** Handle Plus-X, Super-XX, and Panatomic-X in total darkness until film has been in developer at least one-half developing time. Examine under Series 3 Safelight and 10-watt bulb with lamp three feet or more from film but only for a few seconds. The following Safelights are available:

- Series 0—For bromide paper, lantern slide plates.
  - Series 0A—For bromide paper, lantern slide plates.
  - Series 00—For paper such as Velox and Azo.
  - Series 1—For films or plates not highly color-sensitive.
  - Series 2—For use with Kodak Verichrome Film and extra-rapid orthochromatic films and plates.
  - Series 3—For all Kodak panchromatic films and plates.
- |                                                   |        |
|---------------------------------------------------|--------|
| Any series, for Kodak Safelight Lamp . . . . .    | \$ .75 |
| For Brownie Safelight Lamp, circular . . . . .    | .30    |
| For Brownie Safelight Lamp, rectangular . . . . . | .40    |
| For Eastman Darkroom Lamp . . . . .               | .75    |

# HELPFUL ENLARGING ACCESSORIES

**KODAK PROJECTION PRINT SCALE (1)** The scale consists of a series of ten sectors, each indicating a different printing time in seconds. The enlarger is focused in the normal fashion and the print scale is placed on a piece of enlarging paper on the paper board. The enlarger is then turned on for a period of 60 seconds. Upon development a ten-sector image appears, indicating respective exposures of 2, 3, 4, 6, 8, 12, 16, 24, 32, and 48 seconds. By inspection of this test print, the best exposure is determined. Instructions are on the scale itself; leaflet gives other details.

Kodak Projection Print Scale . . . . . \$1.00

**KODAK MINIATURE PAPER BOARD (2)** Designed to stand on the baseboard of the enlarger. Helpful in making 2 1/4 x 3 1/4-inch album prints ( 1/8-inch white margins) prior to selecting "good negatives" from which to make salon enlargements. White Tenite insert in base eliminates the necessity for employing a sheet of photographic paper during focusing.

When satisfactory focus is obtained, the sensitized paper (2 1/2 x 3 1/2-inch size) is placed, emulsion side down, under the four guide pins on the metal mask as it rests against the sloping surface of the board's upright portion. The metal masking frame, hinged at the bottom, is then swung down on the base, ready for exposure. Two bins, one for unexposed and the other for exposed papers.

Kodak Miniature Paper Board . . . . . \$3.75

**MASKING PAPER BOARD (3)** For enlargements up to 11 x 14 inches. Sliding, graduated masking arms on a hinged metal frame, held up by a toggle spring while loading paper. Adjustable Tilting Legs for correcting distortion.

Masking Paper Board . . . . . \$15.00  
Set of 3 Tilting Legs . . . . . 6.50

**KODAK ENLARGEMENT EXPOSURE CALCULATOR (4)** A handy enlarging accessory showing exposure times for other magnifications once the exposure has been determined for any given magnification. For enlargers with magnification scales and diffuse illuminating systems (not condensers).

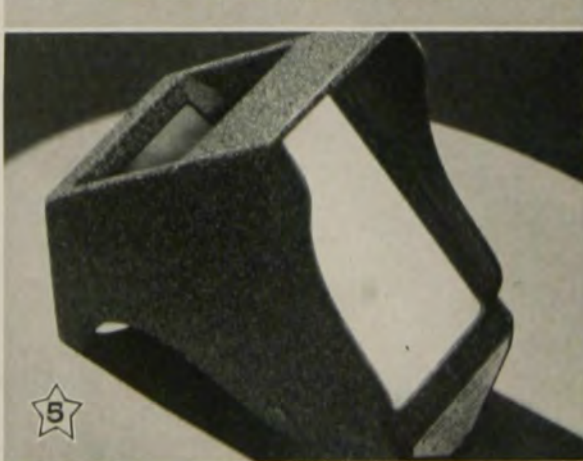
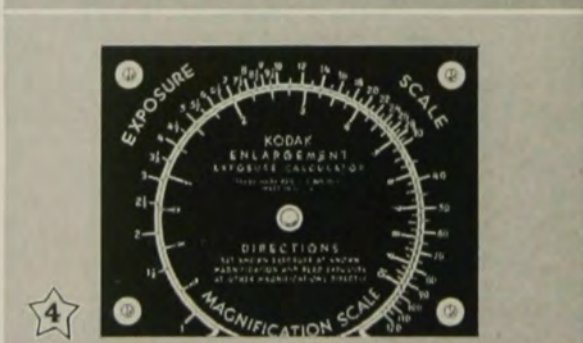
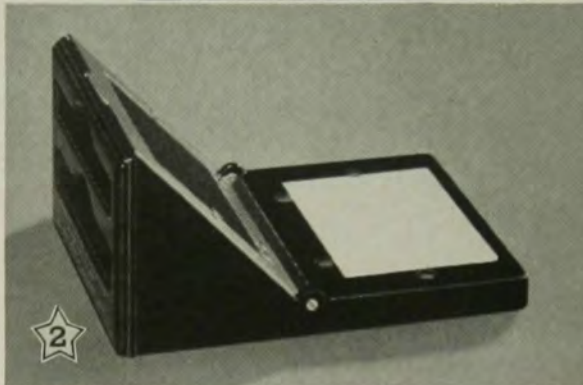
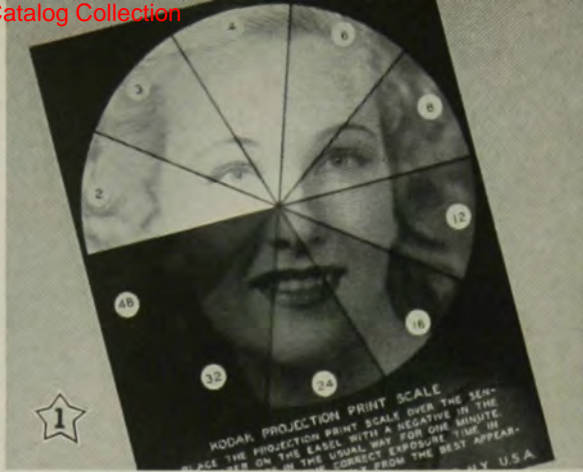
Kodak Enlargement Exposure Calculator . . . . . \$1.50

**KODAK ENLARGING FOCUS FINDER (5)** An aid to quick and accurate focusing when making enlargements. Placed on the paper holder with the enlarger turned on, a brilliantly illuminated image appears right side up on the ground glass. A sturdily constructed aluminum casting containing rear-surfaced mirror and a ground glass.

Kodak Enlarging Focus Finder . . . . . \$4.50

**KODAK NEGATIVE SPOTTING PANEL (6)** To be used with the Kodak Enlarging Focus Finder. An efficient and convenient holder for spotting negatives. Placed with the mirror of the Focus Finder under the circular window of the Spotting Panel, light coming through the ground glass illuminates the negative over the window. Negative held in position by adjustable spring fingers.

Kodak Negative Spotting Panel . . . . . \$3.25



# LATEST STYLES IN EASTMAN NEGATIVE AND PRINT ALBUMS



**KODAK NEGATIVE ALBUMS (1)** Provide for filing of negatives in transparent numbered envelopes, with index.

Supplied for the following negative sizes and quantities:

200 negatives, 1 $\frac{3}{16}$ x 1 $\frac{9}{16}$ . .	\$1.25	100 negatives, 3 $\frac{1}{4}$ x 4 $\frac{1}{4}$ . .	\$1.50
100 negatives, 1 $\frac{5}{8}$ x 2 $\frac{1}{2}$ . .	1.25	100 negatives, 4 x 5 . .	1.75
100 negatives, 2 $\frac{1}{4}$ x 3 $\frac{1}{4}$ . .	1.25	100 negatives, 3 $\frac{1}{4}$ x 5 $\frac{1}{2}$ . .	1.50
100 negatives, 2 $\frac{1}{2}$ x 4 $\frac{1}{4}$ . .	1.25	100 negatives, 5 x 7 . .	2.00

**SIMPLEX POCKET PHOTO CASES (not illustrated)**  
Pocket-fitting cases with black grained covers (genuine leather on No. 828). Standard-size prints are inserted in die-cut slots.

No.	Size of Prints	Price	No.	Size of Prints	Price
127A	For 12 1 $\frac{7}{8}$ x 2 $\frac{3}{4}$ . .	\$ .20	118A	For 12 3 $\frac{1}{2}$ x 4 $\frac{1}{2}$ . .	\$ .30
120A	For 12 2 $\frac{1}{2}$ x 3 $\frac{1}{2}$ . .	.25	122A	For 12 3 $\frac{1}{2}$ x 5 $\frac{3}{4}$ . .	.30
116A	For 12 2 $\frac{3}{4}$ x 4 $\frac{1}{2}$ . .	.25	828	For 13 3 $\frac{1}{4}$ x 4 $\frac{1}{2}$ . .	.50

**KODAK ALBUMS (2)** Loose-leaf, closed-back style. Genuine black leather covers. 50 black leaves, with silk-finished cord.

7 x 11, PB, Pine Needle . .	\$3.00	LB, Levant Grain . . . . .	\$3.00
10 x 12, PC, Pine Needle . .	4.50	LC, Levant Grain . . . . .	4.50
11 x 14, PD, Pine Needle . .	5.00	LD, Levant Grain . . . . .	5.00
12 extra leaves: (7 x 11), \$.18; (10 x 12), \$.30; (11 x 14), \$.40			

**LIBRARY ALBUMS (3)** Book form, with enclosed loose-leaf arrangement. 50 leaves. Cover, seal-grain black leather or de luxe artistically colored grained material.

B, Genuine Black Leather Cover, 6 $\frac{1}{2}$ x 9 (size from folding edge) . . .	\$3.00
M, De Luxe Grained Cover, 6 $\frac{1}{2}$ x 9 (size of leaf from folding edge) . .	2.00
BLX, Genuine Black Leather Cover, 7 x 10 $\frac{1}{4}$ (size from folding edge) . .	3.50
M L X, De Luxe Grained Cover, 7 x 10 $\frac{1}{4}$ (size from folding edge) . . .	2.25
12 extra leaves: (6 $\frac{1}{2}$ x 9), \$.18; (7 x 10 $\frac{1}{4}$ ), \$.18	

**TALLYHO ALBUMS (4)** Covers of a sparkling embossed material. 50 leaves, Black, Olive Green, or Gray. "Pictures" stamped in color with two-toned laces to match.

5 x 8	BA	Black with Black Leaves . . . . .	\$ .75
7 x 11	BB	Black with Black Leaves . . . . .	1.00
10 x 12	BC	Black with Black Leaves . . . . .	1.75
5 x 8	GA	Green with Olive Green Leaves . . . . .	.75
7 x 11	GB	Green with Olive Green Leaves . . . . .	1.00
10 x 12	GC	Green with Olive Green Leaves . . . . .	1.75
5 x 8	MA	Maroon with Gray Leaves . . . . .	.75
7 x 11	MB	Maroon with Gray Leaves . . . . .	1.00
10 x 12	MC	Maroon with Gray Leaves . . . . .	1.75
12 extra leaves: (5 x 8), \$.15; (7 x 11), \$.18; (10 x 12), \$.30			

**CAVALCADE ALBUMS (5)** New type padded cover in two sizes. Choice of embossed lizard or pelican grain in three colors. Closed back, loose-leaf, with two-toned laces—25 gray leaves.

8 x 10, E-1, Navy Lizard	\$1.15	10 x 12, C-3, Maroon Lizard	\$1.50
8 x 10, E-2, Navy Pelican	1.15	10 x 12, C-4, Maroon Pelican	1.50
10 x 12, C-1, Navy Lizard	1.50	8 x 10, E-5, Brown Lizard	1.15
10 x 12, C-2, Navy Pelican	1.50	8 x 10, E-6, Brown Pelican	1.15
8 x 10, E-3, Maroon Lizard	1.15	10 x 12, C-5, Brown Lizard	1.50
8 x 10, E-4, Maroon Pelican	1.15	10 x 12, C-6, Brown Pelican	1.50

12 extra leaves: (8 x 10), \$.25; (10 x 12), \$.40

**RAMBLER ALBUMS (6)** New-style enclosed wire binding permits album to lie flat when open. 50 leaves.

	Size of leaf from binding edge	Price
Horizontal (Table Style)		
H-1, Black Levant Grain Leather . . . . .	6 $\frac{7}{8}$ x 11 $\frac{1}{2}$	\$3.50
Upright (Library Style)		
L-1, Black Levant Grain Leather . . . . .	7 $\frac{1}{2}$ x 8 $\frac{3}{4}$	3.50
LC-1, Black Levant Leather . . . . .	10 $\frac{1}{4}$ x 12	5.00

**ASSEMBLY ALBUMS (not illustrated)** Similar to Rambler Albums, but covered with imitation leather.

	Size of leaf from binding edge	Price
Horizontal (Table Style)		
A-1, Black Squirrel-Grain Cover . . . . .	5 x 8 $\frac{1}{4}$	\$1.00
H-1, Black Squirrel-Grain Cover . . . . .	6 $\frac{7}{8}$ x 11 $\frac{1}{2}$	1.50
D-1, Black Squirrel-Grain Cover . . . . .	10 $\frac{3}{4}$ x 14 $\frac{1}{4}$	2.50
Upright (Library Style)		
LC-1, Black Squirrel-Grain Cover . . . . .	10 $\frac{1}{4}$ x 12	2.25
L-1, Black Squirrel-Grain Cover . . . . .	7 $\frac{1}{2}$ x 8 $\frac{3}{4}$	1.50

**JUNO ALBUMS (7)** Conservatively styled, modestly priced albums with open-back loose-leaf arrangement. 50 black leaves. Embossed English-grain cover.

5 x 8, CA, Black . . . . .	\$ .90	10 x 12, CC, Black . . . . .	\$2.00
7 x 11, CB, Black . . . . .	1.25	11 x 14, CD, Black . . . . .	2.25

12 extra leaves: (5 x 8), \$.15; (7 x 11), \$.18; (10 x 12), \$.30; (11 x 14), \$.40

**TRAILWAY ALBUMS (8)** Horizontal or table-style albums. Covered with strong, handsome luggage cloth. 50 black leaves. Wire binding permits album to lie flat when open.

Small (6 $\frac{7}{8}$ x 11 $\frac{1}{4}$ -inch leaves)		H-4 Black Scotch Heather	\$1.25
H-1 Black Sport Plaid . . . . .	\$1.25	Large (10 $\frac{3}{4}$ x 14 $\frac{1}{4}$ -inch leaves)	
H-2 Brown Scotch Heather	1.25	D-1 Black Sport Plaid . . . . .	2.00
H-3 Brown Sport Plaid . . . . .	1.25	D-2 Brown Scotch Heather	2.00

**REVUE ALBUMS (9)** Inexpensive but thoroughly modern albums. 50 black leaves in black, silk-finish, closed-back covers. Silver decoration extends over part of both back and front. Wire binding permits album to lie perfectly flat when open.

	Size of leaf	Price
H-1 Horizontal (Table Style) . . . . .	6 $\frac{7}{8}$ x 11 $\frac{1}{4}$	\$1.50
L-1 Upright (Library Style) . . . . .	7 $\frac{1}{2}$ x 8 $\frac{3}{4}$	1.50

**PROTECTO ALBUM (10)** The leaves are glistening folds of crystal-clear cellulose acetate sheeting with top and bottom open, and the one side folded while the other side is closed by the binding. The set of twelve leaves is held firmly in place.

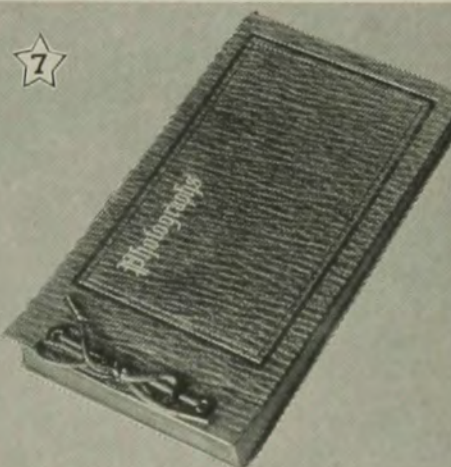
Each leaf holds two 7 $\frac{3}{4}$  x 9 $\frac{3}{4}$  prints inserted back to back or smaller size prints can be mounted on the gray paper insert supplied with each leaf. Prints are protected against dust, scratching, or soiling. Also an ideal album for stamp collections, clippings, etc. Since they are slotted, extra leaves can easily be added.

MC Black Alligator Imitation Leather, with 12 Leaves . . . . .	\$3.50
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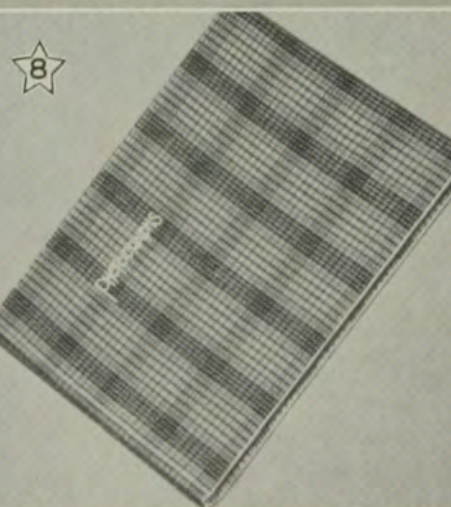
Extra Acetate Leaves: Price Each, \$.20; Doz., \$1.80



6



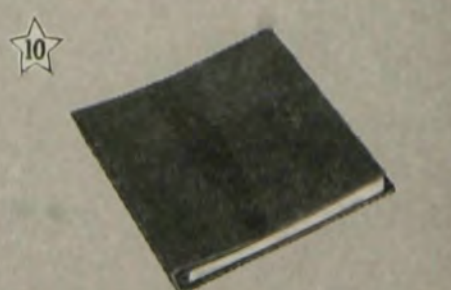
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9

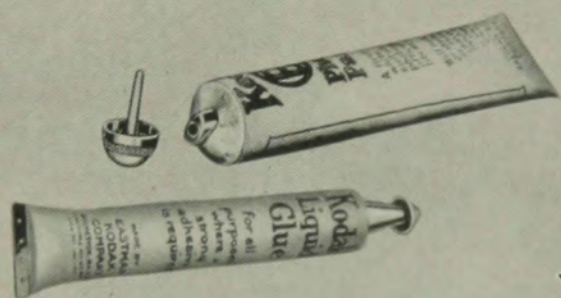


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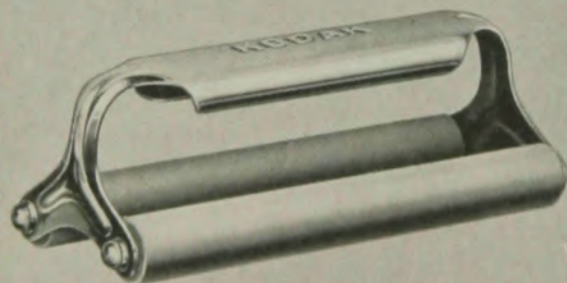




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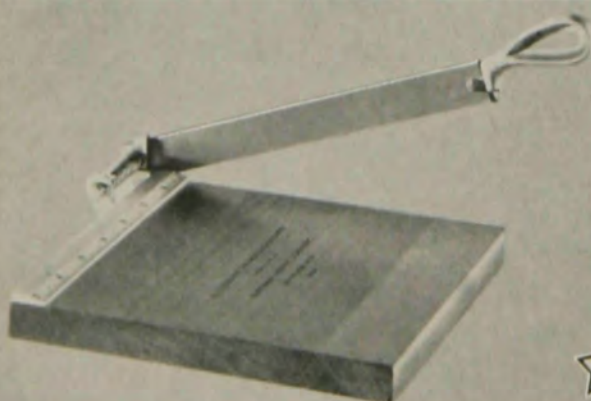
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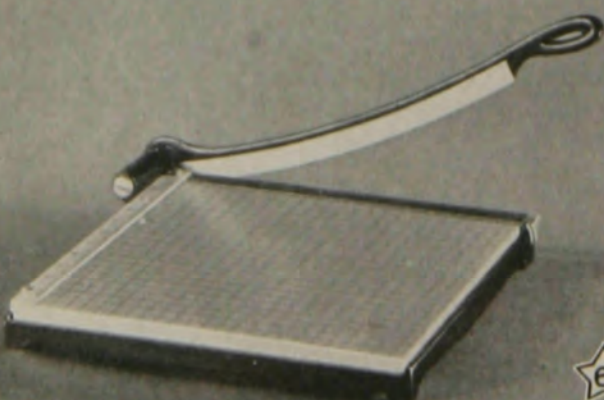
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## EASTMAN SUPPLIES FOR MOUNTING PRINTS

AN Eastko Trimmer or Kodak Trimming Board gives you prints with clean, accurate edges—first requirement for neat mounting. A Kodak or Flexo Print Roller is handy when you use Kodak Liquid Glue or Photo Paste as your adhesive. Kodak Dry Mounting Tissue is recommended for finest mounting results.

**KODAK DRY MOUNTING TISSUE (1)** Fix tissue on print, lay both on mount, press with warm flatiron. Heat causes tissue to fuse, giving perfect contact.

1 gross sheets for 2 1/4 x 3 1/4 prints . . . . .	\$ .25
1 gross sheets for prints up to 3 1/4 x 4 1/4 . . . . .	.30
2 dozen sheets for 3 1/4 x 5 1/2 prints . . . . .	.15
1 dozen sheets for 8 x 10 prints . . . . .	.25

**KODAK LIQUID GLUE (2)** A glue for any purpose, and the quickest means of mounting prints. Will not discolor or cockle them.

Kodak Liquid Glue, per tube . . . . .	\$ .15
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**KODAK PHOTO PASTE (2)** Excellent white adhesive for mounting prints. Will not bleach or discolor them.

1 1/8-ounce tube . . . . .	\$ .10
2-ounce tube . . . . .	.15

**KODAK PRINT ROLLER (3)** A highly convenient roller, durably constructed with nicked frame and six-inch rubber rolls.

Kodak Print Roller . . . . .	\$1.50
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**FLEXO PRINT ROLLER (4)** Inexpensive but practical. A four-inch rubber roll, in a sturdy black metal frame.

Flexo Print Roller . . . . .	\$ .35
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**KODAK TRIMMING BOARDS (5)** Staunchly constructed. Boards of hardwood, blades of fine steel, rules plainly marked.

Kodak Trimming Board No. 1, 5 x 5 . . . . .	\$1.25
Kodak Trimming Board No. 2, 7 x 7 . . . . .	1.50

**EASTKO TRIMMERS (6)** A carefully made trimmer, with wooden table ruled in half-inch squares. Metal parts neatly enameled in black. Keen cutting knife blade assures accuracy and clean work. An important feature of the Eastko Trimmer is its spring blade return which holds the blade in cutting position and in contact with the cutting bar.

Eastko Trimmer No. 3, 10-inch . . . . .	\$6.50
Eastko Trimmer No. 4, 12-inch . . . . .	7.50
Eastko Trimmer No. 5, 15-inch . . . . .	8.50

# EASTMAN OUTFITS FOR COLORING PRINTS

THESE Eastman outfits provide the means for effectively coloring contact prints and enlargements. Vacation scenes . . . pictures of the children . . . flower, animal, and bird studies are all made much more pleasing by the addition of color. Just a few touches of the brush often transform an ordinary black-and-white print into an extraordinary color study.



## VELOX WATER COLOR OUTFIT

(7) Velox Water Colors are easy to use, and produce extremely artistic results. For coloring photographic prints, lantern slides, etc. The outfit consists of three brushes and a booklet containing twelve leaves of different colors, as well as complete instructions. Each leaf is evenly divided into twenty-six soluble color stamps. The inside cover of the case serves as a mixing palette.

Velox Water Color Outfit (book of water color stamps, three special brushes, and mixing-palette case) . . . . .	\$1.00
Book of Water Color Stamps, 12 colors . . . . .	.50
Separate Color Leaves, per sheet . . . . .	.04
Set of three Special Brushes . . . . .	.50

## KODAK TRANSPARENT OIL COLOR OUTFIT (8)

A splendid means of coloring pictures. The pigments are of the highest quality, and are ground extremely fine, to give complete smoothness. No element in these colors will affect the print. Fifteen standard colors, which, when mixed according to the chart supplied, produce almost any tint or shade: Chinese blue, violet, yellow, medium green, flesh, scarlet, warm brown, neutral gray, raw sienna, dark green, orange, rose, flesh shadows cool, flesh shadows warm, and opaque white. They have strength, brilliance, and perma-

nence equal to the standards for artists' oil colors. The complete outfit also includes sizing fluid, cleaning fluid, transparent medium for thinning, stump cotton, applicators (skewers), and instructions. Attractively packed in substantial wooden box.

Kodak Transparent Oil Color Outfit (complete, in decorative lacquered box) . . . . .	\$3.75
Refill Set of 15 No. 2 size Tubes of Oil Colors only, with Instruction Book . . . . .	2.60
Kodak Transparent Oil Colors, No. 2 size, per tube, any color . . . . .	.20
Sizing Fluid, per 1-oz. bottle . . . . .	.20
Transparent Thinning Medium, No. 4A size, per tube . . . . .	.35
Cleaning Fluid, per 1-oz. bottle . . . . .	.20
Stump Cotton, per package . . . . .	.15
Skewers, per dozen . . . . .	.20
Instruction Book only . . . . .	.10

## KODAK EIGHT-TUBE OIL COLOR SET (9)

Although this is a smaller set than the Kodak Transparent Oil Color Outfit described above, it is thoroughly practical. The first eight colors listed with the Kodak Transparent Oil Color Outfit are included—along with transparent thinning medium, stump cotton, skewers; and a comprehensive instruction book which tells exactly how to use the materials.

Kodak Eight-Tube Oil Color Set (complete, in attractive box) . . . . .	\$2.00
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## EASTMAN CARRYING CASES PROTECT YOUR CAMERA AND KEEP IT HANDY

TODAY'S Kodak spends no time in closets or bureau drawers. It's in action continually—going places and doing things, along with its owner. And that's why Eastman carrying cases are proving more popular every day. They not only make your Kodak easier to carry, but also provide plenty of protection and good looks as well.

Eastman carrying cases have established a reputation for freshness of design, quality construction, and long durability. There's one available for many of the more popular current cameras. Ask your Kodak dealer about an Eastman Carrying Case for your camera.

### FIELD-TYPE CASE FOR BULLET CAMERA (1) An inexpensive and attractive case with strap.

Field-type Case for Bullet Camera . . . . . \$ .85

### CASE FOR BABY BROWNIE (not illustrated) This case has a pleasing soft suede finish and is equipped with hand strap.

Case for Baby Brownie . . . . . \$ .25

### SOFT LEATHER CASES The soft leather case for Bullet Camera (see illustration 2) is fashioned of brown leather, with slide fastener and permanently attached hand strap.

Another case of this type, available for the Kodak Retina I, is of black cowhide, velveteen-lined, with glove button fastener and adjustable hand strap.

Soft Leather Case for Bullet Camera . . . . . \$ .75

Soft Leather Case for Kodak Retina I . . . . . 1.50

### CASES FOR BROWNIE SPECIALS AND SIX-20 BULL'S EYE (3) These cases are made of moisture-resistant fabric (including shoulder strap) with slide fastener, and present a very neat appearance.

Case for Six-20 Brownie Special or Six-20

Bull's Eye . . . . . \$1.10

Case for Six-16 Brownie Special . . . . . 1.25

### GRAIN LEATHER CASES (4) Here are durable black leather cases for a variety of recent-model Kodaks.

Grain Leather Case for Kodak Bantam f/6.3. \$1.25

Lined Cowhide Case for Jiffy Kodak V.P. . . . 1.35

Soft Leather Case for Jiffy Kodak Six-20;

Kodak Junior Six-20, Series II (shoulder

strap \$.50 extra) . . . . . 1.65

Soft Leather Case for Jiffy Kodak Six-16;

Kodak Junior Six-16, Series II (shoulder

strap \$.50 extra) . . . . . 1.85

Lined Leather Case for 3A Kodak, Series II. 5.25

### COMBINATION GRAIN LEATHER CASE (not illustrated) Velveteen-lined case, with pocket for three lens attachments. With shoulder strap.

Combination Grain Leather Case for Kodak

Senior Six-16; Kodak Special Six-16 . . . \$3.50

### CARRYING CASES FOR KODAK VIGILANTS AND MONITORS The Field Case of brown leather for either Kodak Vigilants or Kodak Monitors (not illustrated) permits making pictures without removing the camera from its case. Has tripod openings and film number window for added convenience.

The De Luxe Field Case (5) of top grain brown cowhide is for Kodak Monitors only. Its special stitching, skived leather straps, and a metal reinforced inner section make it a truly de luxe case.

Snapshots (not illustrated) are envelope-type cases of russet sole leather. They may be used for Kodak Vigilant Juniors as well as for Kodak Vigilants and Kodak Monitors. Prices on next page.



Six-20 Field Case . . . . .	\$4.00
Six-16 Field Case . . . . .	4.75
Six-20 De Luxe Field Case . . . . .	6.00
Six-16 De Luxe Field Case . . . . .	6.75
Six-20 Snapsack . . . . .	2.50
Six-16 Snapsack . . . . .	3.00

**SERIES V AND SERIES VI FILTER CASES (6)** For sets of Kodak Combination Lens Attachments (see pages 15 to 18) in Series V and Series VI sizes. It is of tan sole leather, velveteen-lined, with a slide fastener around three sides. Loops for attaching strap (extra). Each case holds six filters or other discs, an Adapter Ring, Pola-Screen, Pola-Screen Viewer, and Lens Hood.

Series V Filter Case . . . . .	\$6.75
Series VI Filter Case . . . . .	6.75
Shoulder Strap for Series V or VI Filter Case . . . . .	.75

**SIX-20 DUPLEX CASE (7)** One half holds many models of Six-20 Kodaks, the other half holds extra film and numerous accessories. Compact, and convenient to use.

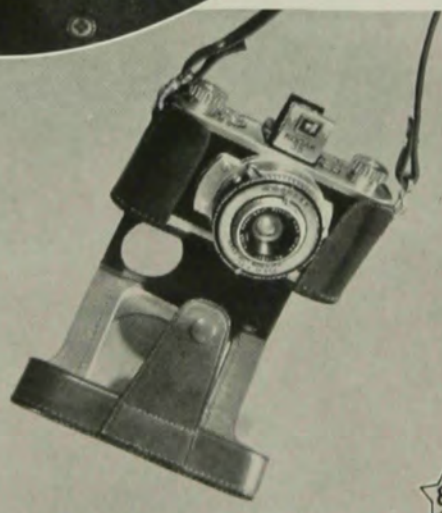
Six-20 Duplex Case . . . . .	\$6.75
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**FIELD CASES (8)** These Eastman cases, of novel design, enable the user to carry a miniature camera on a neck strap. Two-piece cases are offered for Kodak 35's, Kodak Bantam Special, and Kodak Duo Six-20, a wrap-around section being removable. Prices include shoulder straps, as well.

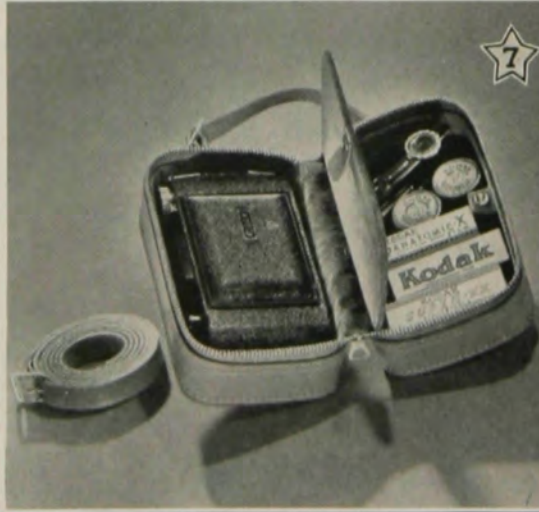
Artificial Leather Field Case for Kodak Bantam f/8 . . . . .	\$1.50
Leather Field Case for Kodak Bantam f/6.3 . . . . .	2.75
Leather Field Case for Kodak Bantam f/5.6 . . . . .	3.25
Leather Field Case for Kodak Bantam f/4.5 . . . . .	4.25
Shoulder strap for Kodak Bantam f/4.5 . . . . .	1.00
Brown Sole Leather Field Case for Kodak 35 . . . . .	4.50
Brown Sole Leather De Luxe Field Case for Kodak 35 . . . . .	6.50
Sole Leather De Luxe Field Case for Kodak 35, f/3.5, with Range Finder . . . . .	7.00
Neck strap for Kodak 35 . . . . .	1.00
Tan Bridle Leather Field Case for Kodak Bantam Special . . . . .	8.50
Tan Sole Leather Field Case for Kodak Duo Six-20 . . . . .	8.50

**CASES FOR KODAK RECOMARS (not illustrated)** Brown leather, with velveteen lining, for camera, plate and film holders, film-pack adapter. With shoulder strap.

Brown Leather Case for Kodak Recomar 18 . . . . .	\$5.00
Brown Leather Case for Kodak Recomar 33 . . . . .	5.50



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★ 7



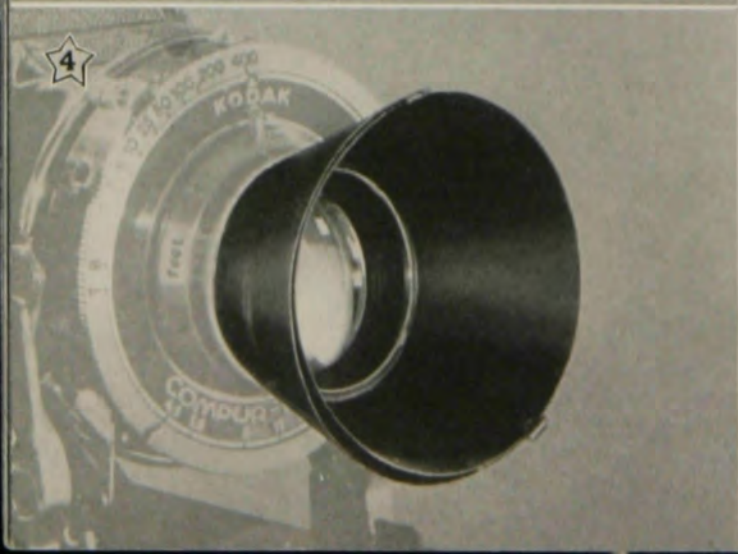
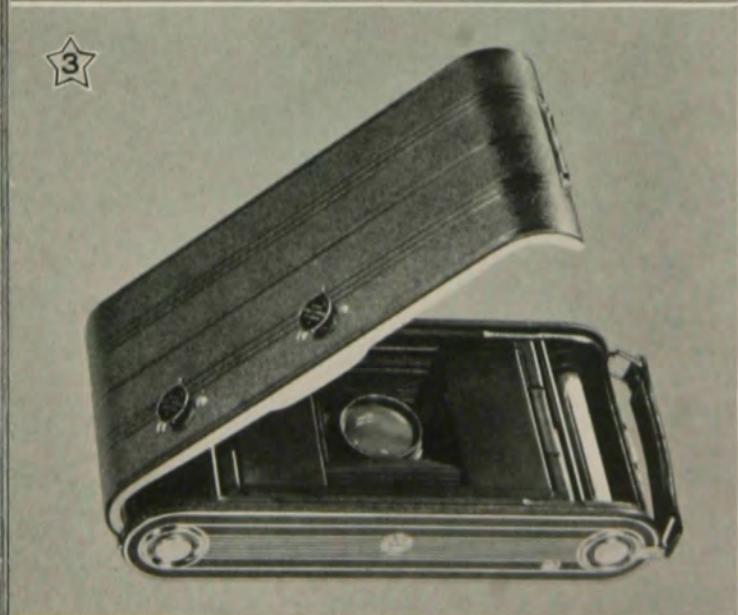
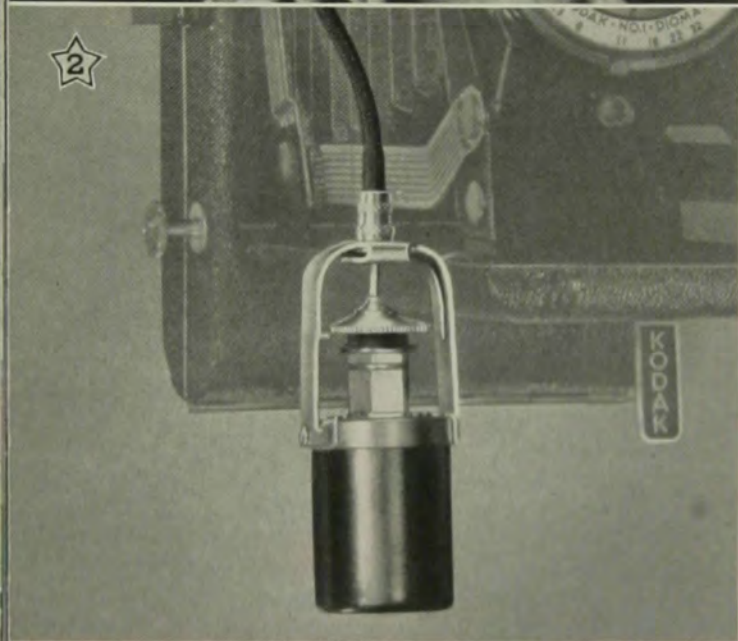
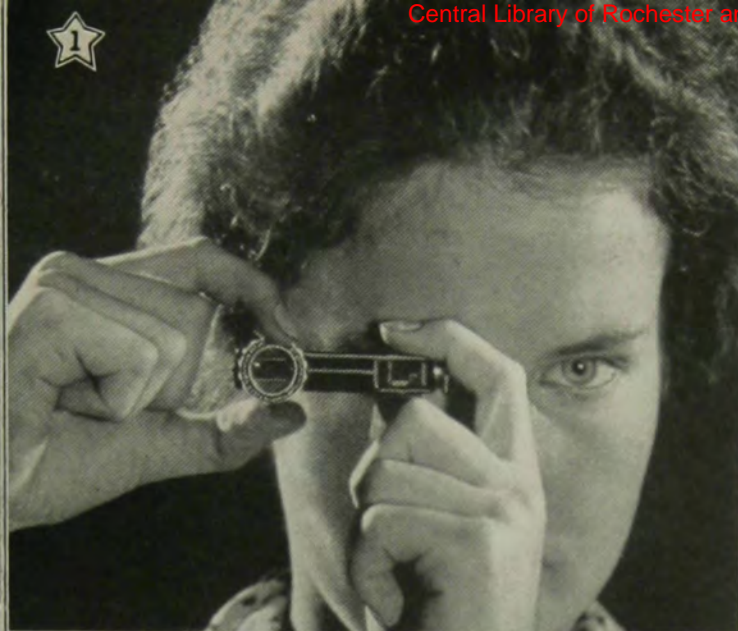
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★ 5



★ 6



## MISCELLANEOUS EASTMAN ACCESSORIES

OF interest to almost everyone who owns a focusing camera is the Kodak Pocket Range Finder, with which distance between camera and subject is simply, quickly ascertained.

**KODAK POCKET RANGE FINDER (1)** To use this accessory, you look through the eyepiece, turn the knob until the two halves of the split image are lined up, then read the scale for correct focusing distance. Kodak 35's (*f*/3.5 and *f*/4.5 models) carry a special bracket for quick attachment of the Range Finder.

Kodak Pocket Range Finder . . . . .	\$7.00
Black Cowhide Case for Pocket Range Finder . . . . .	.75
Universal Range Finder Clip for Bantam <i>f</i> /4.5 . . . . .	.75
Universal Range Finder Clip for Kodak 35's . . . . .	.75

**KODAK SELF TIMER (2)** Presses cable release after ½-second to 1-minute interval. Enables photographer to be in the picture, too.

Kodak Self Timer (not for Compur Shutters) . . . . .	\$1.25
Cable Release (specify name of camera) . . . . .	.35

**FLEXAFINDER (not illustrated)** An accessory waist-level finder for attaching to the erecting struts of Kodaks with only eye-level finders.

Flexafinder 20—For Six-20 Folding Kodaks . . . . .	\$1.00
Flexafinder 16—For Six-16 Folding Kodaks . . . . .	1.00

**T.B.I. CABLE RELEASE (not illustrated)** A cable release for taking Time, Bulb, and Instantaneous exposures with those cameras equipped with bulb but no time exposure setting.

T.B.I. Cable Release No. 1—For Super Kodak Six-20 . . . . .	\$1.00
T.B.I. Cable Release No. 2—For Kodak Retinas I and II, Monitors, Duo Six-20 with Range Finder . . . . .	1.00
Cable Releases for other cameras . . . . .	.35

**TWIN-EXPOSURE BACK (3)** For 3A Kodak, Series II. Permits eleven exposures, 2½ x 3¼, on a six-exposure No. 122 roll. Has two ruby windows and metal mask (removable for full-size pictures); masks for finders. Price includes fitting.

Twin-Exposure Back for 3A Kodak, Series II . . . . .	\$5.00
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**KODAK ADJUSTABLE LENS HOOD (4)** Cuts "flare" in bright light. Slips over lens or attachment. No. 1 for lens mounts one inch or less in diameter, No. 2 for larger lenses.

Kodak Adjustable Lens Hood No. 1 . . . . .	\$ .85
Kodak Adjustable Lens Hood No. 2 . . . . .	1.00

**KODAK LENS CLEANER (not illustrated)** Neutral solution without soap or alkali.

Kodak Lens Cleaner, 1 ounce . . . . .	\$ .20
Lens Cleaning Paper (25-sheet booklet) . . . . .	.05

**KODAK FILM LACQUER (not illustrated)** Protective coating for film negatives and positives.

Kodak Film Lacquer, 4-ounce bottle . . . . .	\$ .50
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## EASTMAN PHOTOGRAPHIC PUBLICATIONS

DEPENDABLE and authoritative information about widely varied picture-making subjects is contained in the Eastman photographic publications listed on this page—all available, at the prices stated, from Kodak dealers.

Further your photographic education—effectively and inexpensively—with Eastman photographic publications.

**PHOTOGRAPHY** By Dr. C. E. Kenneth Mees. The history, science, and uses of photography, by a world-renowned authority. Illustrated. 227 pages. Price \$3.

**ELEMENTARY PHOTOGRAPHIC CHEMISTRY** A textbook of photographic chemistry with formulas for developers and baths. Invaluable to the practical photographer. Price \$1.

**HOW TO MAKE GOOD MOVIES** A real photographic "best seller." The whole subject of amateur movie making discussed from all angles in a highly nontechnical manner. Liberally illustrated. \$2.

**PHOTOMICROGRAPHY** Presents an introduction to the field of photography with the microscope. Price \$1.

**PHOTOGRAPHY OF COLORED OBJECTS** A valuable study of the photography of colored objects in monochrome. Sells for \$1.

**ELEMENTARY PHOTOGRAPHY** Thoroughly stimulating, expertly written. Photographic theory and practice for the beginner. \$1.

**FUNDAMENTALS OF PHOTOGRAPHY** An authoritative textbook on the theory and practice of photography. \$1.

**WRATTEN LIGHT FILTERS** Complete information, illustrated with charts, on absorption values, uses, and prices. \$.50.

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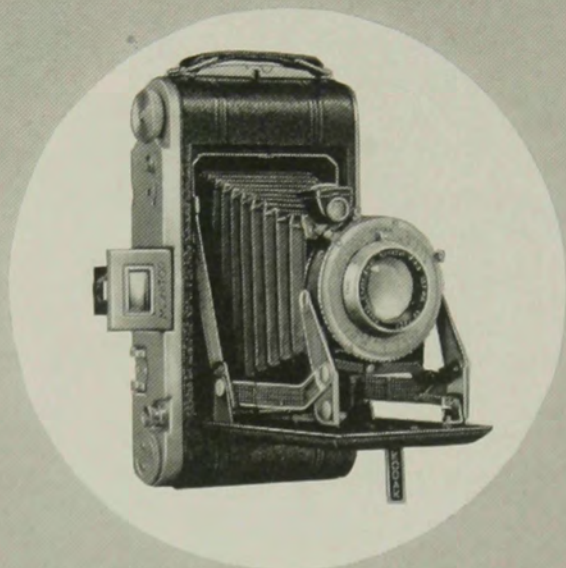
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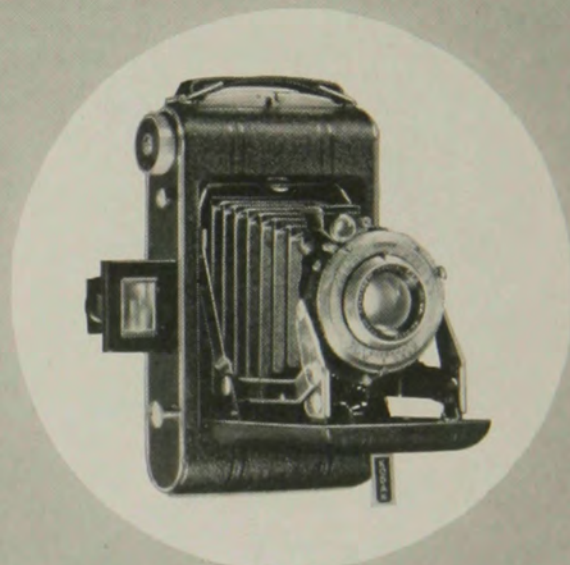
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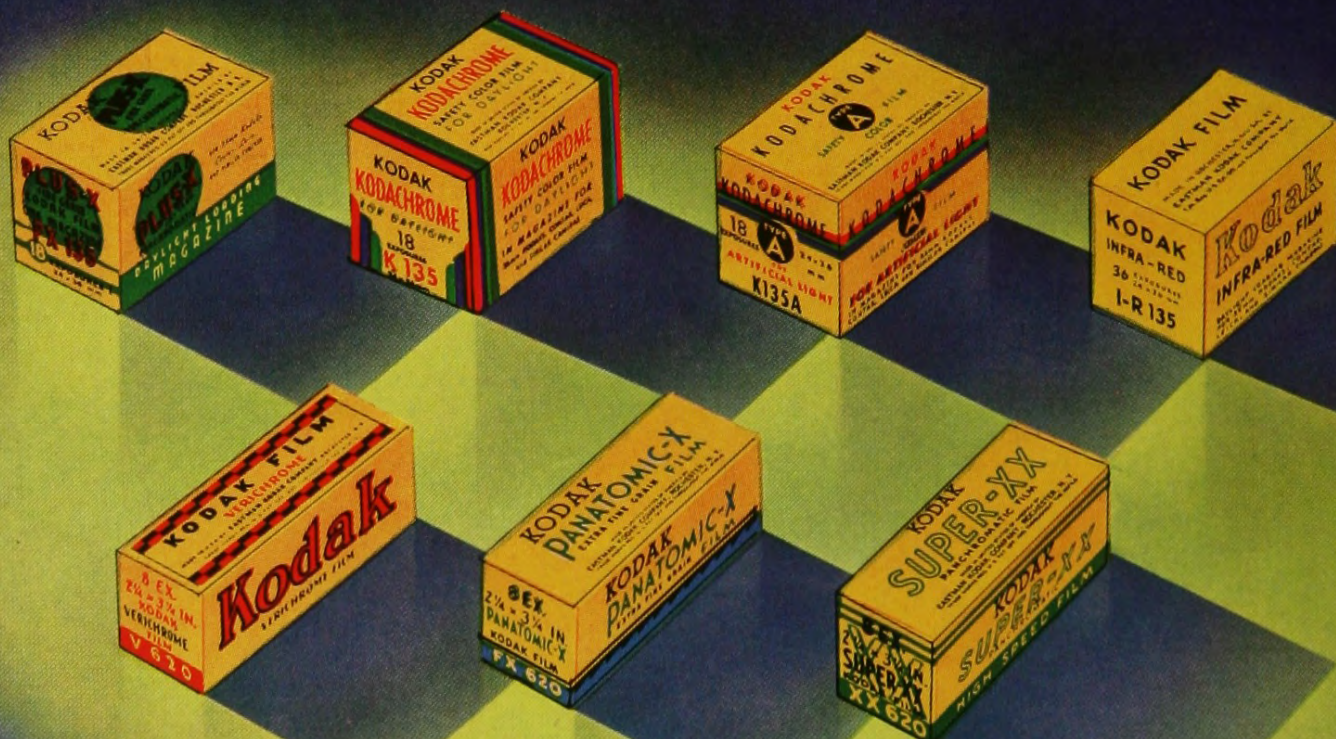
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