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CATALOG No 77  
1 9 3 9

# Lafayette CAMERA CORPORATION

DIVISION OF WHOLESALE RADIO SERVICE COMPANY, INC.

NEW YORK, N. Y.  
150 SIXTH AVENUE

CHICAGO, ILL.  
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75 PENNINGTON STREET

BOSTON, MASS.  
110 FEDERAL STREET

NEWARK, N. J.  
100 CENTRAL AVENUE

BRONX, N. Y.  
107 E. 170TH ST.

JAMAICA, L. I.  
100 W. 10TH STREET

# All American 35m.m. Cameras



## PERFEX



### PERFEX Forty Four—An AMERICAN Leader

- ★ Fast Anastigmat Lenses
- ★ Focal Plane Shutter
- ★ Coupled Range Finder

Now at last you can buy a truly fine 35 mm. candid camera that is entirely American made. And what is more it is priced unusually low for so splendid an instrument.

Every worthwhile feature is incorporated in this fine camera including a coupled range finder, an exposure meter, a focal-plane shutter, a flash synchronizer, etc. The lens employed is the world famed Graf Anastigmat available in both f:3.5 and f:2.8. These lenses are interchangeable with telephoto and other special lenses as desired. An automatic film transport advances the film exactly one exposure at a time and automatically cocks the shutter for the next exposure. The focal plane shutter provides speeds from 1 second to 1/1250 second and has provision for bulb operation. Both the correct shutter speed and diaphragm setting are easily determined for any lighting condition by means of a built-in step-wedge exposure meter.

- ★ Built-in Synchronizer
- ★ Built-in Exposure Meter
- ★ Automatic Film Transport

The case is of die-cast aluminum covered with leather and trimmed with attractive chrome plate. The camera body measures 5 9/16 x 1 9/16 x 2 23/32 inches and weighs approximately 22 ounces. The camera uses standard 35mm film in either 18 or 36 exposure rolls for black and white or full color.

This is a truly universal camera and can be used for practically any type of work including flash work for which the built-in synchronizer assures split-second timing. Shpg. wt. 3 lbs.

- PH1775—Perflex 44 with Graf f:3.5 lens. YOUR COST.....**\$37.50**
- PH1776—Perflex 44 with super speed f:2.8 lens. YOUR COST.....**\$47.50**
- PH9482—Port. attach. for either above. YOUR COST.....**\$1.39**
- PH9688—Eveready case for above. \$5.00

ABOVE CAMERAS POSTPAID IN U.S.A.

## KODAK



### EASTMAN'S New Moderately Priced Cameras

- ★ Finger Tip Focusing
- ★ Automatic Exposure Counter

The most famous maker of photographic equipment now offers new low prices on these popular miniature cameras. Built to the high precision standards that have made the name Eastman Kodak famous, these new 35mm models are capable of producing excellent results in black and white and in full color.

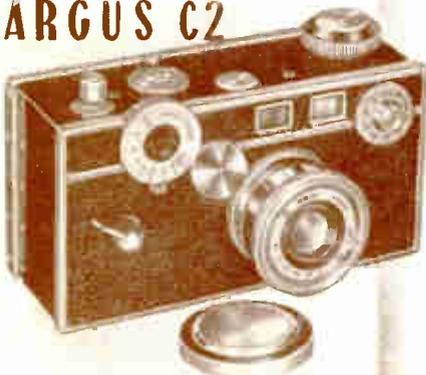
Three models are available offering a choice of three lens speeds; each lens is mounted in its companion shutter. All models are covered with fine pin seal grain leather. Top and bottom plates are in satin finish chrome. All models include folding optical eye-level view finder, finger tip focusing (from four feet to infinity, by revolving lens mount), automatic exposure counter, film centering and locking device.

- ★ Kodak Anastigmat Lenses
- ★ Precision Workmanship

f:3.5 and f:4.5 models have double exposure prevention, automatic shutter setting and delayed action.

- PH1540—With Kodak Anastigmat Special f:3.5 lens, Kodamatic shutter with 5 speeds to 1/200 sec. and delayed action. List Price \$39.50. YOUR COST.....**\$30.15**
- PH1539—f:4.5 lens, 4 speed Diomatic 1/150 sec. D.A. shutter. List \$29.50. YOUR COST.....**\$22.05**
- PH9450—Portrait attachment for above cameras (5A).....95c
- PH1538—With f:5.6 lens, Kodex 3 speed 1/100 sec. shutter. List \$18.50. YOUR COST.....**\$13.05**
- PH9465—Portrait attachment for f:5.6 model (7A).....95c
- PH9610—Eveready case for above. \$5.95

## ARGUS C2



### ARGUS—The Pioneer American Candid Cameras

#### ARGUS Model C-2

- ★ Coupled Range Finder
- ★ Micromatic Shutter
- ★ Interchangeable Lenses

Perfect focusing is assured in the Argus model C-2 by a coupled range-finder having a range of from 3 feet to infinity. The lens is a sharp cutting f:3.5 anastigmat capable of making negatives that can be enlarged beautifully. Either black and white or color film can be used. The shutter has a maximum speed of 1/300 sec. and has provision for "bulb" exposures. The case of the camera is of die-cast aluminum covered with pin-seal leather and trimmed in chrome.

The Argus C-2 is sturdily constructed and each part assembled with great precision assuring long and satisfactory life. Any make of standard 35mm film can be used in either the 18 or 36 exposure rolls.

- PH1542—Model C-2. YOUR COST.....**\$25.00**
- PH9614—Eveready case for the above. YOUR COST.....**\$4.89**
- PH9232—Cable release for C-2.....75c

Model C-2 POSTPAID IN U.S.A.  
PH9487—Portrait attachment for C-2. YOUR COST.....**\$1.00**

#### ARGUS Models A2 & A2F

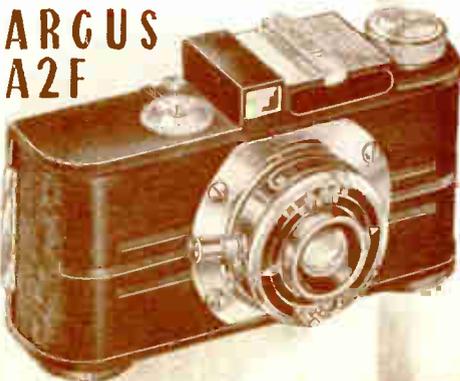
- ★ Built-in Exposure Meter
- ★ Fast f:4.5 Lens
- ★ Moulded Bakelite Cases

New and improved models of the famous pioneer American candid camera. New lens mountings, improved shutters and a new built-in exposure meter make these cameras more than ever the best camera buy. Cases are of moulded plastic that is tough and durable as well as highly attractive. Exposed metal is highly polished chrome plated.

- PH1740—Model A2 with f:4.5 lens and built-in exposure meter. YOUR COST.....**\$10.00**
- PH1741—Model A2F similar to the above but including a focusing mount that permits accurate focusing to 1 1/2 feet. f:4.5 lens and built-in meter. YOUR COST.....**\$15.00**

BOTH MODELS POSTPAID IN U.S.A.  
Portrait attachment for either model. PH9488—YOUR COST.....90c  
PH9457—Med. Yellow Filter. } **\$1.19**  
PH9458—Green Filter. }  
PH9459—Red Filter. } ea.  
PH9691—Eveready cowhide case for above models.....**\$2.98**

## ARGUS A2F



# This is why—

## 18 Years of Service

For over 18 years this company has enjoyed an enviable reputation in the business world—a reputation built on **SERVICE** and fostered by honestly presented merchandise and money saving **LOW PRICES**. Although our entrance into the camera and photographic supply field has been comparatively recent, we pledge ourselves to the same spirit of **SERVICE** and **LOW PRICES** upon which our success has been predicted.

## 7 Branches to Serve You

Seven branches, strategically located throughout the country, are fully equipped to serve you **SPEEDILY**. Complete stocks of all nationally known cameras and photo supplies are maintained at all times. Mail orders are filled from our warehouses in New York, Atlanta and Chicago. Local salesrooms in Boston, Newark, Jamaica and Bronx.

## Satisfaction Guaranteed

In all our dealings, the **CUSTOMER MUST BE SATISFIED**. We make this statement without reservation—satisfaction is guaranteed or your money will be refunded. Cameras are sold on a **10-DAY HOME TRIAL BASIS** so that you need never hesitate about purchasing through the mail. You are given ample time to examine and try out any camera with this return option. Any merchandise returned must be in its original packing and in perfect condition. Merchandise listed as "Shipped Postpaid in U.S.A." will be sent prepaid by this company anywhere in continental United States (does not include U. S. territories, Alaska, etc.); in all other cases, postage should be included with your remittance. Books, papers, films and chemicals are not returnable.

## Liberal Exchange Service

If you own any salable camera equipment that you want to sell or trade-in for new equipment, **CONSULT US**. We will offer highest possible **CASH PRICES** for used equipment on terms subject to your approval. A check or any apparatus you select will be sent as soon as mutually satisfactory terms are agreed upon. We guarantee a "square deal" always.

## Our Prices Are Right

We do not intend to be undersold! If any merchandise listed in this catalog is currently advertised elsewhere at any lower price, we'll guarantee to meet that price—or beat it! Just tell us the name of the publication, page number and date of issue. Remember always "We Will Not Knowingly Be Undersold."

# LAFAYETTE

is making

# PHOTO HISTORY



There are many new cameras and photographic accessories that are scheduled to be marketed after this book is published. May we remind you that we can fill your orders for any equipment not listed in this catalog and that our prices will be the most reasonable obtainable. Look to Lafayette for all your camera and photographic supply needs.

### AGFA "Shur-Shot" Special

Deluxe models of the Shur-Shot take exceptional pictures and are beautiful and rugged. They take 8 full-size or 15 to 16 half-size pictures on the same roll of film. Complete with built-in portrait lens and Built-in Yellow Filter. Have two brilliant finders.

PH1665—Model B2. Takes 8 pictures 2 1/4 x 3 1/4" or 16 1 1/2 x 2 1/4" on B2 (120) roll film.

SHIPPED POSTPAID IN U.S.A. **\$2.51**

YOUR COST .....

PH1666—Model D6. Takes 8 pictures 2 1/2 x 4 1/4" or 15 2 3/8 x 2 1/2" on D6 (116) roll film.

SHIPPED POSTPAID IN U.S.A. ONLY.

YOUR COST .....

**\$2.85**

### KODAK Bullet Camera

A most intriguing little picture maker. Built on folding-camera principle but with an ingenious spiral mount instead of a bellows. Lens comes out to picture-taking position with a single turn. Picture size: 1 5/8 x 2 1/2 inches. (Uses No. 127 film.) Meniscus lens. Shutter has snapshot and bulb actions. Moulded construction, raised ribbing, glossy black finish. Has eyelevel finder and removable back for Quick Loading.

PH1550—SHIPPED POSTPAID IN U.S.A. ONLY.

YOUR COST .....

PH9665—Eveready type case for above with strap.

YOUR COST .....

**\$1.70**

**79¢**

### KODAK Brownies

The widely known, easy to use box cameras that produce 8 excellent pictures.

PH1560—Six-16, Jr. Meniscus lens. Picture size 2 1/2 x 4 1/4" (No. 616 film).

List \$2.35. YOUR COST .....

**\$2.00**

PH1558—Six-16, Regular Diway lens. Picture size 2 1/2 x 4 1/4". Portrait lens.

List \$3.25. YOUR COST .....

**\$2.77**

PH1559—Six-20, Jr. Meniscus lens. Picture size 2 1/4 x 3 1/4" (No. 620 film).

List \$2.00. YOUR COST .....

**\$1.70**

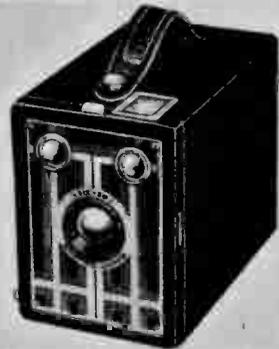
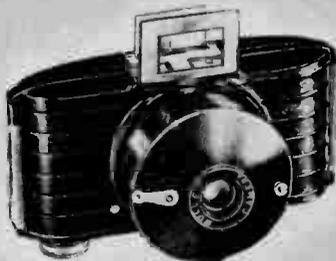
PH1557—Six-20, Regular Diway lens. Picture size 2 1/4 x 3 1/4". Portrait lens.

List \$2.85. YOUR COST .....

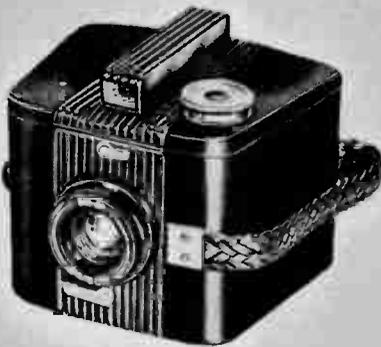
**\$2.43**

ALL SHIPPED POSTPAID IN U.S.A. ONLY

## NEW STYLING ★ NEW FEATURES ★



## EVEN FINER PICTURES ★ AND



## YOU ALWAYS SAVE AT *Lafayette*

### E.K. Six-20 Bull's Eye

A new, modern style compact camera that can be used by anyone. Capable of producing fine pictures and is unusually easy to operate. Has glossy black molded tapered body with raised ribbing. Features include: fine Meniscus lens; tubular "spy-glass" view finder at top; fixed focus, with range from 8 feet to infinity; easy loading—top is removable; braided carrying strap. Takes 8 pictures 2 1/4 x 3 1/4" on standard No. 620 roll film. Instantaneous and time action shutter. You just aim and snap. SHIPPED POSTPAID IN U.S.A. ONLY.

PH1527—List \$2.75.

YOUR COST .....

**\$2.34**

### KODAK Baby Brownie

A special Eastman Kodak camera that's a "Baby" in size and price only. Takes 8 pictures 1 x 2 1/2" on No. 127 roll film. Meniscus lens, rotary shutter, snapshot action. Bakelite case. List Price \$1.00.

PH1552—YOUR COST .....

**69¢**

### LARK Candid Camera

- All-Metal Body
- Spevar F.7.7 Achromatic Lens
- Fixed Focus—No Guesswork

This All Metal Case Candid Camera is offered at a price that has never before been equalled! Just examine these costly features, and you'll know why we rate the Lark so highly! Spevar F.7.7 Achromatic 2-element lens; four diaphragm openings at f.7.7, 11, 16 and 22; time and snapshots; fixed focus—no guessing of distances; telescopic eye-level finder; steel body finished in black crackle; takes 16 pictures 1 1/4 x 1 3/8" on standard 127 film. Guaranteed for one year. SHIPPED POSTPAID IN U.S.A. ONLY.

PH1725—

YOUR COST .....

**\$1.95**

PH9660—Eveready case complete with shoulder strap.

YOUR COST .....

**79¢**

### KODAK Six-16 and Six-20 Brownie Specials

Latest and finest in box-type cameras. Strikingly new in looks, compactness and convenience. In steel, durable cases with tapered front. Features include: fine Kodak Meniscus lens; brilliant "spy-glass" finder frames subject from eye level; plunger shutter release within easy finger reach and a safety latch to prevent accidental exposure; smooth working rotary shutter providing time and instantaneous exposure. Focusing range 8 feet to infinity.

PH1561—Six-16 Brownie Special. Takes 8 pictures 2 1/2 x 4 1/4" on 616 roll film. YOUR COST .....

**\$3.62**

PH1562—Six-20 Brownie Special. Takes 8 pictures 2 1/4 x 3 1/4" on 620 roll film. YOUR COST .....

**\$3.19**

POSTPAID IN U.S.A. ONLY.

PH9465—7A Portrait Attachment for either of above. YOUR COST .....

**95¢**

# POPULAR EDITIONS of AMERICAN FAVORITES

## NEW! IRWIN "Reflex" Cameras

### ★ Twin-Lens Full-Size Ground Glass Focusing

All-American made reflex cameras that are sensational in performance and price. Modernly styled and attractively finished you will be proud to own and use these cameras. Full size ground glass focusing permits composing the picture exactly as it will appear in the finished print. "Taking" and "finder" lenses are carefully matched so that you will always get exactly what you see in the finder. In addition an optical type direct view finder is furnished for "sport" use in following fast moving objects. Three models are available each an exceptional value at its price. The first (Model R513) is fixed focus, the others adjustable focus. **ALL IRWIN CAMERAS SHIPPED POSTPAID IN U.S.A.**

Model R513—Two matched f:7.7 achromatic lenses—4 stops—16 pictures on 127 film.  
PH1760—**\$6.75**  
YOUR COST.....

Eveready case for above.  
PH9697—YOUR COST...\$1.39

Model R514—Two matched f:4.5 anastigmat lenses—focusing from 3 feet to infinity—shutter speeds 1/25 to 1/200th second plus time and bulb—16 pictures on 127 film.  
PH1761—**\$17.95**  
YOUR COST....

Model R515—Two matched f:3.5 anastigmat lenses—focusing from 3 feet to infinity—shutter speeds 1/25 to 1/200th second, T. & B.—16 pictures on 127 film.  
PH1762—**\$22.50**  
YOUR COST....

Eveready cowhide case complete with shoulder strap.  
PH9698—YOUR COST...\$2.89

## AGFA Clipper

These remarkable cameras have already established an enviable reputation for themselves. Employing the well known "candid" principles of compactness and ease of operation they make fine pictures. Each picture is 2 1/2 x 1 1/16" and 15 of them can be made on a standard PD-16 (616) roll of film. Camera features include: optical view finder, hinged back for easy loading, tripod socket, leatherette covered steel body, etc.

PH1543—Agfa PD16 Clipper with f:6.3 lens and speeds from 1/25 to 1/100 sec. T. & B. List \$15.50.  
YOUR COST...**\$13.95**

PH9469—No. 26 port. attach for PH1543. YOUR COST...89c

PH1667—Agfa Clipper with "Unifo" lens in shutter with "time" and "inst" settings. List \$5.00.  
YOUR COST...**\$4.50**

**ABOVE POSTPAID IN U.S.A.**  
PH9618—Leather carrying case for either of the above...\$1.59

PH9468—No. 22 portrait attachment for PH1667. EACH...89c  
Filters For PH1667.....

PH9457—Yellow. EACH  
PH9458—Green. **\$1.19**  
PH9459—Red.

## FALCON

### "Press Flash"

★ The Most Sensational Small Camera Development in Years!

★ Simple to Use!

No need to worry about the sun or any artificial light for illumination—you have your own light source with you at all times with this remarkable camera. You do just as professional "news" photographers do—"flash" every picture you take and always have a successful picture. No need to worry about lens settings or shutter settings—since your light is always the same these can be fixed. There are no extra "gadgets" of any type—the "synchronizer" is built right into the camera as is the reflector and the battery case. No delicate adjustments—synchronization is always perfect. And best of all it takes a real album size picture 2 1/4 x 3 1/4". Uses No. 120 (B2) roll film. Sturdily built of moulded plastic, beautifully finished.

PH1780—Falcon "Press Flash" Camera with 4 Superflash bulbs and "Penlite" battery. **SHIPPED POSTPAID IN U.S.A. \$5.95**  
YOUR COST.....

PH8050—Superflash "0" Bulbs. (6 for 75c) EACH...14c  
PH8051—Superflash "1" Bulbs. (6 for 94c) EACH...17c

## EASTMAN "Jiffy Kodaks"

### ★ Compact Cameras for Large Size Pictures

Famous Eastman precision construction makes these new Jiffy Kodaks outstanding in value and performance. Unusual in design these cameras are very compact when closed yet make large size pictures that can be mounted in your album without enlargement. Excellent lens equipment provides wire sharp negatives that can be enlarged several fold, without loss of detail, for framing. Models Six-16 and Six-20 are equipped with the "near and far" Twindar lens. All have vertical and horizontal view finders giving brilliant right-side-up images. Bellows are self-extending at the touch of a button—press one button to open the camera and another to make your picture. A beautiful camera to own—a simple one to use.

PH1545—Jiffy Kodak Six-16, Series II with Twindar lens. Takes 8 pictures 2 1/2 x 1 1/4" on 616 film. List \$8.25.  
YOUR COST...**\$7.43**

PH9628—Cowhide case with shoulder strap...\$2.45

PH9465—No. 7A portrait attachment for Six-16...95c

PH1544—Jiffy Kodak Six-20, Series II, with Twindar lens. Takes 8 pictures 2 1/4 x 3 1/4" on 620 film. List \$7.50.  
YOUR COST...**\$6.75**

PH9629—Cowhide case with shoulder strap for Six-20.  
YOUR COST...\$1.95

PH9466—No. 6A portrait attachment for Six-20...95c

PH1517—Jiffy Kodak Vest Pocket. Takes 8 pictures 1 5/8 x 2 1/2" on 127 film. Molded case. List \$4.25.  
YOUR COST...**\$3.82**

PH9619—Cowhide case with shoulder strap for Vest Pocket model. YOUR COST...\$1.89

PH9462—Portrait attachment for Jiffy Vest Pocket model. 74c

**KODAKS POSTPAID IN U.S.A.**

## AGFA "Readysets"

These two new Agfa Ready-set cameras combine unusually low cost with the ultimate in operating simplicity. Picture taking is merely a matter of "Open—Aim—Shoot." Yet this simplicity of operation does not detract from certainty of excellent results. Features include: hinged back with safety catch; grasshopper opening and easy closing devices; sturdy steel construction; brilliant reversible finder; tripod socket inserts; special stop for time exposures; good achromatic lens; PB20 takes 8 exposures 2 1/4 x 3 1/4" on PB20 (620) film; PD16 takes 8 exposures 2 1/2 x 1 1/4" on PD16 (616) film.

PH1668—PB20. YOUR COST...**\$6.98**

PH1669—PD16. **\$7.88**  
YOUR COST.....

**ABOVE POSTPAID IN U.S.A.**

PH9629—Cowhide carrying case for PB20...\$1.95

PH9628—Cowhide carrying case for PD16...\$2.45

PH9468—No. 22 portrait attachment for PB20...89c

PH9467—No. 25 portrait attachment for PD16...89c

PH9235—Cable release for Agfa Readysel...33c

## Falcon-Flex

### ★ Full Size View Finder

New reflex-type cameras taking the popular 2 1/4 x 2 1/4" square pictures that (eliminate) the need for turning your camera in order to fit a horizontal or vertical subject. The large brilliant view finder gives you the full size image exactly as you will see it in your finished print enabling you to watch every expression of your subject so that you can "snap" the picture at exactly the right moment. Two types of lenses are available—the Faltar 75 mm. lens and the f:7.7, Achromatic lens. Both are equipped with 3 stop openings and a shutter for both instantaneous and time exposures. You get 12 pictures on a regular 8 exposure roll of No. 120 (B-2) film. Like all Falcon cameras these too are All-American made and are fully guaranteed.

PH1781—With Faltar 75 mm. lens. **\$5.95**  
YOUR COST.....

PH1782—Falcon-Flex with f:7.7 lens. **\$7.95**  
YOUR COST.....

**FALCON CAMERAS SHIPPED POSTPAID IN U.S.A.**

# AGFA MEMO



A remarkable new candid camera at a remarkably low price. Furnished with a Memar f.3.5, 50 mm. corrected anastigmat lens that focuses from 1/2 ft. to infinity; in shutter giving speeds from 1/20 to 1/200 second, time and bulb. Other features: automatic exposure counter; built-in depth of field scale; brilliant direct view finder; tripod socket; exclusive sliding lever for advancing the film; quick positioning front. Takes 24 double frame exposures 1 7/16x1/16" on the special Memo cartridges. Extremely compact and sturdy. Complete with neck cord.

PH1670—Lens diam. 21 mm. **\$31.50**  
YOUR COST.....

PH1671—Same as above, but with 1.4.5 anastigmat lens. Lens diam. 21 mm. **\$22.50**  
YOUR COST.....

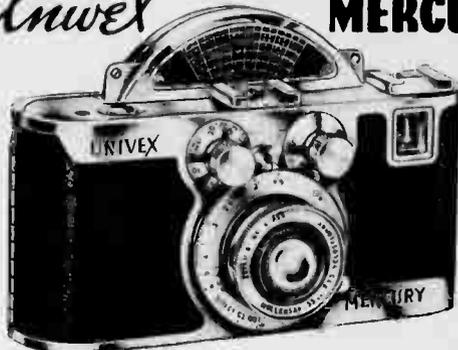
PH9720—Eveready case for above models. **\$3.39**

**Memo 35 MM. Cartridges**  
Also fit single frame Memo giving 48 single frame exp.

- PH3060—Ultra-Speed Pan **59c Ea.**
- PH3061—Superpan Supreme
- PH3062—Finopan
- PH3063—Fine Grain Plenachrome Each... **54c**

ALL ABOVE SHIPPED POSTPAID IN U.S.A.

# Univex MERCURY



- ★ Fine TRICOR F:3.5 Lens
- ★ Speeds to 1/1000 Second
- ★ Photoflash Synchronizer
- ★ Focal Plane Shutter
- ★ Automatic Film Transport
- ★ Built-in Exposure Calculator

The latest American made super-speed candid camera at a price within the reach of everyone. Incorporates features usually found only in the most expensive foreign made cameras, including: shutter speeds from 1/20 to 1/1000 second; built-in photoflash synchronizer; automatic film transport coupled with the film winding knob to prevent double exposures; automatic exposure counter; brilliant parallax correcting view finder; focusing by 17 graduations from 18 inches to infinity. Uses quick loading, economical 35 mm. film (36 exposure rolls). Weighs 18 ounces and measures 5 7/16x2 1/2x1 3/8". Polished aluminum case with genuine leather covering. Furnished with fine TRICOR f:3.5, 35 mm. focus lens. **\$25.00**

PH1832—YOUR COST, POSTPAID.

PH9687—Eveready cowhide carrying case for above... **\$5.00**

**PHOTO-FLASH UNIT:** Attaches to above in a jiffy. Consists of a chromium plated reflector, battery case, flashbulb housing and attachment clip. **Less battery and bulb.**

PH8025—YOUR COST, POSTPAID. **\$3.95**

Film for Univex Mercury SHIPPED POSTPAID IN U.S.A.

PH3400—Ultrapanchrome 36 exp. EACH... **40c**

PH3401—Microtomic 36 exp. EACH... **45c**

PH3402—Ultrapan S.S. 36 exp. EACH... **50c**

## SUPER SPORT DOLLY

A beautifully constructed and perfectly functioning folding camera that is now available with a built-in range finder of the split image type. All models feature: self-erecting front; optical eye-level finder; genuine leather bellows and mask; etched hyperfocal distance table on back of camera. All take 16 exposures 1 5/8x2 1/2" or 12 exposures 2 1/4x2 1/4" on No. 120 film.

PH1528—Super-Sport Dolly with Range Finder. Schneider Xenar f.2.8 lens in Compur shutter, 1 sec. to 1/250 sec., time and bulb and Delayed Action. Lens diameter 37 mm. **\$67.50**  
YOUR COST.....

PH1529—As above, with Compur-Rapid shutter. Speeds to 1/400 sec. **\$72.45**  
YOUR COST.....

PH1530—Same as PH1528 but with Zeiss Tessar f.2.8 lens. **\$77.40**  
YOUR COST.....



## THE FOTH DERBY

Fine lightweight precision cameras weighing less than 12 ounces and measuring only 4 3/4x2 3/4x1 3/8". These fine mini-cameras use the latest type delayed action focal plane shutter with speeds up to 1/500 second. Rapid lenses make possible excellent finished results. Large tube sight view finder facilitates finding of subject. Finely ground lenses produce negatives that will permit enlargements of contact print quality. The Foth Derby takes 16 exposures on standard vest pocket (No. 127) film, 1 5/8x2 1/2". Shutter speeds provided are: from 1/25 to 1/500 second, time and bulb. All have hinged backs for easy loading; all have accurate exposure counter that indicates the number of "shots" taken. Furnished with cable release and full instructions.



## FOLDING CAMERA

PH9615—Eveready case for PH1528, PH1529 or PH1530. Wt. 2 lbs. **\$6.95**  
YOUR COST.....

PH1734—Super-Sport Dolly without range finder. Meyer Trioplan f.2.9 lens in Compur shutter. Lens dia. 33 mm. **\$33.75**  
YOUR COST.....

PH9612—Eveready case for above... **\$1.95**

## VEST POCKET DOLLY

Ultra-compact folding camera that takes 12 exposures 1 5/8x2 1/2" or 16 exposures 1 1/4x1 3/8" on No. 127 (V.P.) film. Has fine Corygon f.3.5 lens in Compur shutter; speeds to 1/300 sec., T. and B. Other features same as Super-Sport Dolly. Lens diam. 29 mm. List \$25.00 **\$26.55**  
PH1735—YOUR COST.....

PH9616—Plush lined leather case for above. YOUR COST... **\$1.95**  
ALL DOLLY CAMERAS SHIPPED POSTPAID IN U.S.A. ONLY.

## CANDID CAMERA

PH1730—Foth Derby Mini-Camera with f.3.5 Foth Anastigmat lens. Lens diameter 29 mm. **\$19.35**  
YOUR COST.....

PH1731—Foth Derby Mini-Camera with f.2.5 Foth Anastigmat lens. Lens diam. 29 mm. **\$24.75**  
YOUR COST.....

Portrait attachment for either above. **PH9466—YOUR COST EACH... 95c**

ABOVE SHIPPED POSTPAID IN U.S.A.

PH9690—Eveready case of top-grain cowhide with flat front. "Supersewn". Has carrying and shoulder straps. For either of the above models. Shpg. Wt. 1 1/2 lbs. **\$3.49**  
YOUR COST.....

**Reflex-Korelle**—An extremely compact single lens reflex camera employing a focal plane shutter. Critical, accurate ground glass focusing. You focus the actual taking lens—thus eliminating any chance of error in focusing, or composition due to parallax. You see the picture full size (2¼" x 2¼") and right side up just as it will appear in the finished print. A built-in magnifier enlarges a portion of the ground glass image for critical focusing. The focal plane shutter provides speeds up to 1/500th second. Coupled film advance automatically moves film forward exactly one exposure and rewinds shutter resetting it at the same setting as the last picture taken. Exposure counter shows at a glance how many pictures have been taken. Takes 12 pictures 2¼" x 2¼" on a standard No. 120 roll. Hinged camera back makes loading simple and quick. Lenses are easily interchanged. Precision construction makes for unusual compactness. Measures 5¾" x 3½" x 3¾". Body is of aluminum alloy covered in leather.

All parts are made fitted with great accuracy. Complete with wire frame type direct-view finder for use in shooting fast moving objects.

**PH1690**—Model I Reflex-Korelle—Focal plane shutter; Speeds, 1/25 to 1/500 sec., and bulb. With f.2.9 Radionar lens. Lens diam. 37 mm. Shpg. wt. 4 lbs. List 74.50. **\$66.95**  
YOUR COST .....

**PH1691**—Reflex-Korelle with f.3.5 Victor lens. Lens diam. 37 mm. Shpg. wt. 4 lbs. **\$56.25**  
List \$62.50 YOUR COST .....

**PH1692**—Model II Reflex-Korelle—Focal plane shutter; 2 sec. to 1/500 sec., bulb and delayed action. With Schneider Radionar f.2.9 lens. Lens diam. 37 mm. Shpg. wt. 4 lbs. **\$92.25**  
List Price \$102.50 YOUR COST .....

Eveready cowhide case for all above models. Wt. 2 lbs. **PH9700**—YOUR COST ..... **\$7.95**  
Portrait attachment for all above. **PH9485**—YOUR COST ..... **\$1.54**



# REFLEX CAMERAS THAT ARE Professional FAVORITES

**REFLEX-KORELLE**

**ROLLEICORD**

**VOIGTLANDER  
BRILLIANT**

**FOCUSING BRILLIANT**—The NEW model of the famous Voigtlander Brilliant cameras. Operates on a special optical principle. A milled ring around the outside edge of the finder lens is adjusted until the image seen on a matted glass disc in the center of the large view finder suddenly rings into sharpness. Features: magnifying glass for view finder, separate direct-view optical finder, depth of focus table, automatic film locking and counting device. Camera furnished complete with a compartment containing a light yellow filter and a Brilliant Exposure Meter.

**PH1701**—Focusing Brilliant with Voigtar f:4.5 lens in Compur Regular shutter. Speeds 1 sec. to 1/300th second. **\$43.65**  
YOUR COST POSTPAID IN U.S.A. ONLY .....

**PH1702**—Same as above with Voigtar f:3.5 lens. **\$47.25**  
YOUR COST POSTPAID IN U.S.A. ONLY .....

**PH1703**—Focusing Brilliant with Skopar f:3.5 lens in Compur Rapid shutter. Speeds 1 sec. to 1/500th second. **\$57.15**  
YOUR COST POSTPAID IN U.S.A. ONLY .....

**PH1704**—Focusing Brilliant with Heliar f:3.5 lens in Compur Rapid shutter. Speeds 1 sec. to 1/500th second. **\$65.25**  
YOUR COST POSTPAID IN U.S.A. ONLY .....

**PH9530**—Medium Yellow Filter with case. **\$3.89**

**PH9531**—Green Filter with case. EITHER TYPE, EACH. .... **\$3.49**

**PH9532**—P67 Portrait Focar Attachment for working closer than 3 feet 3 inches, with case. YOUR COST. .... **\$3.49**

**PH9533**—WW30 Near Focar for working closer than 20 inches, with case. YOUR COST. .... **\$4.39**

**PH9696**—Eveready Cowhide Case with strap. .... **\$6.49**

**ROLLEICORD**—The camera that has made many of the winning pictures in salons throughout the world. The camera with which you see what you take before, during and after the exposure. Ground glass, focusing full picture size—always a sharp picture. Focusing control knob is on the side of the camera. Diaphragm and shutter values visible from above. Compur shutter. Shutter cocked automatically with one lever. Self-erecting hood with built-in magnifying glass. May also be used as direct view finder. Automatic film transport—no need to watch the window when turning from one exposure to another. Precision construction throughout. Case covered with pin seal leather.

**Rolleicord Model 1A**—With Zeiss Triotar f:4.5 lens in one lever Compur shutter. Speeds: 1 sec. to 1/300th sec. 12 exposures 2¼" x 2¼" on 120 film. f:3.2 finder lens. **\$51.75**

**PH1800**—YOUR COST POSTPAID IN U.S.A. ONLY. **\$51.75**  
**Rolleicord Model 11**—As above but with Zeiss Triotar f:3.5 lens. **\$69.75**  
List \$77.50.

**PH9600**—Eveready Leather Case for above models. .... **\$6.95**

**Rolleiflex 4 x 4**—Makes 12 exposures 4 x 4 cm (1½" x 1½") on standard 127 (A8) film. Zeiss Tessar f:2.8 lens in one lever Compur shutter. Speeds: 1 sec. to 1/500th sec. Finder lens f:2.8. Complete with Eveready Case. List \$125.00. **\$112.50**  
YOUR COST POSTPAID IN U.S.A. ONLY .....

**At-Automatic Rolleiflex**—Coupled film and shutter wind. Zeiss f:3.5 lens, Finder lens f:2.8. 12 exposures 2¼" x 2¼" on standard 120 film. Compur Rapid shutter. Speeds: 1 sec. to 1/500th sec. Complete with Eveready Case. List \$152.00. **\$137.25**  
YOUR COST PREPAID IN U.S.A. ONLY .....

**PH1805**—YOUR COST PREPAID IN U.S.A. ONLY. **\$137.25**

**Bayonet Type Proxar Lenses**—For **PH1801** and **PH1805**  
**PH9463**—Set 1. Focusing range 31½" to 20". Shpg. wt. 1 lb. **\$13.49**  
**PH9464**—Set 2. Focusing range 20" to 13". Shpg. wt. 1 lb. **\$13.49**  
YOUR COST .....

Either Type. .... **\$13.49**

**FOCUSING HOOD FOR REFLEX CAMERAS**  
This handy little device may be used with any of the reflex cameras listed on this page or similar types. It is a real aid to accurate focusing in brilliant sunshine. It fits over the top of the hood and excludes all extraneous light that might be reflected by the ground glass. A magnifier greatly increases the size of the image. Shpg. wt. 1 lb. **\$3.39**  
**PH9247**—YOUR COST .....

# KODAK

## Famous Folding CAMERAS



### JUNIOR 6-16 & 6-20

Series No. 2

The Kodak Juniors, Series No. 2, are among America's most popular favorites. Opening to picture-taking position with a single pull on the bed support, they get into action quickly and easily. Equipped with both reflecting and direct view finders, giving a choice of sighting from waist or eye level. For lens equipment, you can have either the readily focused Kodak Bimat or a single lens that requires no focusing whatever. Both are mounted in reliable shutters and are fully capable within their intended picture-making ranges. And when your picture has been taken, your camera closes at the touch of a one-finger bar release. The Six-16 models take 8 pictures 2 1/4 x 4 1/4" on No. 616 film; the Six-20 models take 8 pictures 2 1/4 x 3 1/4" on No. 620 film. Two tripod sockets. Black pin-grain covering with bright nickel trimmings.

PH1520—Kodak Junior Six-20 with Kodak Bimat lens; speeds to 1/100 second. List \$10.00.  
**YOUR COST \$9.00**

PH1521—Kodak Junior Six-16 with Kodak Bimat lens; speeds to 1/100 second. List \$11.50.  
**YOUR COST \$10.35**

PH1555—Kodak Junior Six-20 with single lens; snap and time adjustments. List \$7.75.  
**YOUR COST \$6.98**

PH1556—Kodak Junior Six-16 with single lens; snap and time adjustments. List \$9.25.  
**YOUR COST \$8.33**

PH9629—Cowhide case with shoulder strap for Six-20 series.  
**YOUR COST \$1.95**

PH9628—Cowhide case with shoulder strap for Six-16 series.  
**YOUR COST \$2.45**

#### PORTRAIT ATTACHMENTS

No.	For Use With	Each
PH9466	PH1520	95c
PH9465	PH1521	95c
PH9452	PH1555	64c
PH9462	PH1556	74c

### JUNIOR Series No. 2

## JUNIOR 616 AND 620

Series No. 3

This Kodak Junior series feature advanced styling, pronounced ability, big pictures and moderate cost. With their smooth contours, sturdy erecting arms and natural metal front they are undeniably modern in appearance. They all incorporate Anastigmat lenses, precise shutters, body shutter releases, optical eye-level finders and finger-tip focusing. All models listed at right come with excellent Kodex shutters, providing three speeds up to 1/100 of a second. The Six-16 models take 8 pictures 2 1/2 x 4 1/4" on No. 616 film; the Six-20 models take 8 pictures 2 1/4 x 3 1/4" on No. 620 film. Focusing, by revolving lens mount, from 3 1/2 or 4 ft. to infinity. Have knurled film-winding knobs, folding optical eye-level finders, one-finger bed releases. Swing type metal cover over the film window. Covered in black morocco-grain.

## SENIOR 616 AND 620

Touch a button—your Senior pulls open, the lens ready for the picture. Touch a bar inside the bed and the mechanism folds back out of sight. Hold the open camera up to your eye with both hands and pick out your subject through the optical view finder. Right at your finger tips—on the camera body—is a plunger button that trips the shutter at the instant when the picture is "right". Danger of camera movement is minimized. The Six-16 Seniors take 8 pictures 2 1/2 x 4 1/4" on No. 116 film; the Six-20 Seniors take 8 pictures 2 1/4 x 3 1/4" on No. 120 film. Kodex shutters provide three speeds up to 1/100 second, time and bulb; Kodamatic shutter provides five speeds up to 1/200 second, time and bulb and delayed action self-timer. Focusing from 3 1/2 or 4 ft. to infinity. Black pig-grain covering.

## SPECIAL 616 AND 620

Nothing so delights the serious picture taker as an instrument exactly suited to his discriminating taste. The Kodak Specials listed at the right present just that opportunity. Made for two picture sizes, the Specials have these advanced refinements: a folding optical view finder that catches the scene as you see it, from eye level; a finger-tip body shutter release that minimizes chances of movement; a built-in self-timer which enables the user to take his own picture; a one-finger bed release for quick closing; a special aluminum case covered with pin-seal grain leather and trimmed with chromium and black lacquer. No term except "deluxe" adequately describes these cameras. Both models listed are provided with fast, finely corrected Kodak Anastigmat 1.4.5 lens mounted in Compur-Rapid shutter providing 9 speeds to 1/400 second, time, bulb and delayed action.

### SENIOR



### SPECIAL

PH1546—Kodak Junior Six-20 with Anastigmat 1.6.3 lens in Kodex shutter.  
**List \$14.50, YOUR COST \$13.05**

PH1547—Kodak Junior Six-16 with Anastigmat 1.6.3 lens in Kodex shutter.  
**List \$16.00, YOUR COST \$14.40**

PH1518—Kodak Junior Six-20 with Anastigmat 1.8.8 lens in Kodex shutter.  
**List \$12.50, YOUR COST \$11.25**

PH1519—Kodak Junior Six-16 with Anastigmat 1.8.8 lens in Kodex shutter.  
**List \$14.00, YOUR COST \$12.60**

PH9629—Cowhide case with shoulder strap for Six-20 Series 3 cameras.  
**YOUR COST \$1.95**

PH9628—Cowhide case with shoulder strap for Six-16 Series 3 cameras.  
**YOUR COST \$2.45**

#### PORTRAIT ATTACHMENTS

Stock No.	For Use With	EACH
PH9466	PH1546	95c
PH9450	PH1547	95c
PH9465	PH1518 & PH1519	95c

PH1549—Kodak Senior Six-16 with Anastigmat 1.4.5 lens in Kodamatic shutter.  
**List \$29.00, YOUR COST \$26.10**

PH1554—Kodak Senior Six-16 with Anastigmat 1.7.7 lens in Kodex shutter.  
**List \$17.50, YOUR COST \$15.65**

PH1548—Kodak Senior Six-20 with Anastigmat 1.4.5 lens in Kodamatic shutter.  
**List \$25.00, YOUR COST \$22.50**

PH1553—Kodak Senior Six-20 with Anastigmat 1.7.7 lens in Kodex shutter.  
**List \$15.00, YOUR COST \$13.50**

PH9629—Cowhide case with shoulder strap for Senior Six-20 models. **YOUR COST \$1.95**

PH9628—Cowhide case with shoulder strap for Senior Six-16 models. **YOUR COST \$2.45**

#### PORTRAIT ATTACHMENTS

Stock No.	For Use With	EACH
PH9465	PH1549	95c
PH9450	PH1554 & PH1548	95c
PH9466	PH1553	95c

Focusing range from 3 1/2 or 4 feet to infinity. Six-16 takes 8 pictures 2 1/4 x 4 1/4" on No. 116 film; Six-20 takes 8 pictures 2 1/4 x 3 1/4" on No. 120 film. Average shipping weight, each, 6 lbs.

PH1523—Kodak Special Six-16 with Anastigmat 1.4.5 lens in Compur-Rapid shutter.  
**List \$43.00, YOUR COST \$38.70**

PH9628—Cowhide case with shoulder strap for above. Shpg. wt. 2 lbs.  
**YOUR COST \$2.45**

PH1522—Kodak Special Six-20 with Anastigmat 1.4.5 lens in Compur-Rapid shutter.  
**List \$39.50, YOUR COST \$35.55**

PH9629—Cowhide case with shoulder strap for above. Shpg. wt. 2 lbs.  
**YOUR COST \$1.95**

#### PORTRAIT ATTACHMENTS

Stock No.	For Use With	YOUR COST
PH9465	PH1523	95c
PH9450	PH1522	95c

ALL KODAK CAMERAS SHIPPED POST PAID IN U. S. A. ONLY

# KODAK BANTAM CAMERAS

## Bantam Special

★ **Super-Speed Super-Corrected Ektar f:2.0 Lens**  
 ★ **Coupled Range Finder—Compur Rapid Shutter**  
 This beautiful Kodak Bantam Special has everything to be desired in a miniature camera. It is compact, sturdy and easy to use. Its Kodak Anastigmat Ektar f:2.0 lens has the super-speed and correction you need for perfect pictures indoors and outdoors in black and white or full natural color. An accurate military type range-finder is precision-coupled to this brilliant lens eliminating all guess work in focusing and providing pictures that are razor sharp.

The famous Compur-Rapid shutter is a fitting companion for the lens providing nine shutter speeds from one full second to 1/500th of a second plus time and bulb positions. The camera takes eight pictures on the standard 828 series of black and white and Kodachrome color films. The case is streamlined and is finished in extra hard enamel with contrasting bright metal stripes.

PH1551 Kodak Bantam Special with Ektar f:2.0 lens, with tan leather field case. Lens diam. 31.8 mm. List \$87.50. **\$78.75**  
 YOUR COST (POSTPAID IN U.S.A. ONLY).....95c  
 PH9450—No. 5A Portrait Attachment. YOUR COST.....95c

## Kodak BANTAM f:4.5

★ **Kodak Special Anastigmat Lens**  
 ★ **1/200th Second Precision Shutter**

At its new low cost this excellent camera is an unusually fine value. Precision made throughout with a Kodak Special f:4.5 anastigmat lens it is capable of taking beautifully sharp and clear pictures. With the new super-speed films it will make excellent pictures even in seemingly impossible light conditions.

The lens is in a focusing mount and fitted with the well known Kodak shutter having speeds from 1/25th to 1/200th second and both time and bulb positions. Either black and white or full natural color Kodachrome film can be used. Case of the camera is of die cast aluminum covered with black pin seal leather. Direct view finder is of the optical type giving an accurate, clear image covering the exact area that will be included in the finished picture. Lens diameter 24mm.

PH1526—Kodak Bantam f:4.5. List Price \$22.50. **\$20.25**  
 YOUR COST (POSTPAID IN U.S.A. ONLY).....\$4.69  
 PH9608—Leather Eveready Case with Neck Strap.....74c  
 PH9451—No. 3 Portrait Attachment. YOUR COST.....32c  
 PH9350—Cable release for f:4.5 Bantam.....32c

## Kodak BANTAM f:5.6

★ **Kodak Anastigmat Lens in Focusing Mount**  
 ★ **Folding Optical Direct View Finder**

A fine Kodak anastigmat lens plus the precision workmanship for which Kodak has long been known makes this one of the outstanding values in a popularly priced camera. Employs the same Bantam film used in all of the cameras described on this page, including the full color Kodachrome. Modern professional finishers furnish a standard 2 3/4 x 4 inch enlargement from this film. Easily enlarged to any other desired size. Kodachrome film is returned to the factory for processing into beautiful transparencies for viewing as they are or projection through a slide projector. The Kodak anastigmat lens is fitted into a focusing mount with a three speed shutter providing speeds up to 1/100th second plus time and bulb actions. Camera body is of sturdy molded plastic with die cast aluminum lens board. Lens diameter 24mm.

PH1525—Kodak Bantam f:5.6. List Price \$14.00. **\$12.60**  
 YOUR COST (POSTPAID IN U.S.A. ONLY).....\$3.39  
 PH9607—Eveready leather case for above.....74c  
 PH9451—No. 3 Portrait Attachment. YOUR COST.....32c  
 PH9350—Cable release for f:5.6 Bantam.....32c

## Kodak BANTAM f:8.0

This is undoubtedly one of the most convenient cameras ever designed. Overall measurement is little more than four inches, small enough to fit the palm of the hand, yet photography with this convenient Bantam model has all the interest and verve that you want. Modern photo finishing gives you album size enlargements 2 3/4 x 4 inches. Because of a special device that centers the film as you wind from exposure to exposure you do not have to watch the window while winding. Lens is of the fixed focus type. Body is of sturdy molded plastic. Weighs only 8 ounces. Lens diameter 23mm.

PH1524—Kodak Bantam f:8.0 lens. List Price \$3.95. **\$3.56**  
 YOUR COST (POSTPAID IN U.S.A. ONLY).....\$1.35  
 PH9606—Eveready carrying case for above.....74c  
 PH9453—No. 8A Portrait Attachment. YOUR COST.....64c

## FILM FOR ALL BANTAM TYPE CAMERAS

All are 8 exposure rolls.

PH3000—FX-828 Panatomic X.....	} Your Cost Each	2 For <b>45¢</b>
PH3001—PX-828 Plus X.....		
PH3002—XX-828 Super XX.....		
PH3020—K-828 Kodachrome (regular)	} <b>\$1.22</b>	
PH3021—K-828A Kodachrome A (artificial light).....		



**AMERICAN**  
*made*  
**BANTAMS**

# SPEED GRAPHIC

- ★ NEW 2 1/4 x 3 1/4 SPEED GRAPHIC
- ★ Versatile, Light, Compact—Easy to Handle
- ★ For All-Round Work
- ★ Interchangeable Lenses
- ★ Double Ext. Bellows
- ★ Speeds 1/10-1/1000

Here's that new edition of the famous Speed Graphic, one-third smaller than any other—but with all the versatility and superline features that has made Speed Graphic the chosen camera of professionals and amateurs alike. An all-purpose camera, light, compact, easy-to-carry. 24 focal plane shutter speeds; Compur shutter for flash work; Rising and Falling Front; Dual Focusing Pinions and Helical Racks; All-Metal Bed; Satin Trim Chrome.

- PH1825—2 1/4 x 3 1/4 Speed Graphic with 4 3/8" 1.4.5 Bausch & Lomb Tessar lens, with 1 cut film holder, or 1 plate holder. **\$104.40**
- YOUR COST .....
- PH1826—Same as above, but with 4 1/8" 1.4.5 Kodak Anastigmat lens. **\$99.90**
- YOUR COST .....
- For internally coupled range finder installed to either above, also specify PH9339, when ordering. **\$24.30**
- PH9339—YOUR COST .....
- Kalart Micromatic Speed Flash assembly for Miniature Speed Graphic. **\$12.29**
- PH8016—YOUR COST .....
- PH9360—2 1/4 x 3 1/4 Graphic Press Cut Film Holders. EACH. **\$2.48**
- PH9361—2 1/4 x 3 1/4 Graphic Film Pack Adapter. **\$4.28**
- YOUR COST .....
- PH9661—Grain leather carrying case (for camera and 12 film holders). **\$8.98**
- YOUR COST .....



- ★ America's Finest Miniature Reflex
- ★ F.3.5 Bausch & Lomb Tessar Lens
- ★ Speeds to 1/500
- ★ Focal Plane Shutter
- ★ 2 1/4 x 2 1/2" Picture
- ★ Has Built-In Micro-Focuser
- ★ Exposure Guide

Just a Handful of big-performance camera features that add up to one of America's finest camera values from every viewpoint. F.3.5 B. & L. Tessar lens; Graflex focal plane shutter; full-vision ground glass; self-erecting top focusing; self-erecting top cover; automatic film counter and stop. A true precision instrument. It is one of the world's finest reflex cameras, constructed and designed entirely by Americans.



*Just a Handful*

- PH1827—National Graflex Series II with 75 mm. 1.3.5 Bausch & Lomb Tessar lens. Speeds to 1/500 sec. T. & B. **\$78.75**
- YOUR COST .....
- PH9702—Sportsman's Carrying Case (plush lined). **\$7.59**
- YOUR COST .....
- Direct View Finder for Eye-Level Photography. **\$4.49**
- PH9338—EACH. ....
- National Graflex Sun Shade. **\$1.39**
- PH9490—YOUR COST .....
- Accessory Self Timer, for both delayed exposures, and slow speeds from 1/2 to 10 sec. **\$2.39**
- PH2482—Each .....
- Copying Attachment (working distance 18"). **\$2.49**
- PH9491—YOUR COST .....
- Copying Attachment (working distance 12"). **\$3.29**
- PH9492—YOUR COST .....
- Written Filters in mount: **Each**
- PH9493—K-1 (Lt. Yellow) .....
- PH9494—K-2 (Md. Yellow) .....
- PH9495—X-1 (Lt. Green) **\$3.19**
- PH9496—X-2 (Md. Green) .....
- PH9497—Sky Filter .....
- PH9498—A (Red) **\$3.59**
- PH9499—G (Orange) .....

## SERIES B ★ GRAFLEX

- ★ Choice of Prize-Winning Photographers
- ★ F.4.5 Kodak Anastig. Lens
- ★ 25 Speeds—1/5 to 1/1000
- ★ Light-Tight Revolving Back

### ★ Ground Glass Focusing

Because of their ability to produce unsurpassed results under all conditions these series B GRAFLEX cameras have held first place with amateur and professional photographers alike. Featuring Graflex full vision ground glass focusing and the dependable Graflex focal plane shutter, this combination of the finest American workmanship and American lenses will give you vivid prints, excellent negatives for enlargements and prize-winning pictures. The light-tight revolving back permits instantaneous change to accommodate horizontal or vertical subjects with equal facility.

- PH1828—2 1/4 x 3 1/4" Series B GRAFLEX, revolving back type, with 5 1/2" 1.4.5 Kodak Anastigmat lens and film pack adapter. **\$81.90**
- YOUR COST .....
- PH1829—3 1/4 x 4 1/4" Series B GRAFLEX, revolving back type, with 6 3/8" 1.4.5 Kodak Anastigmat lens and film pack adapter. **\$96.30**
- YOUR COST .....
- Graflex 2 1/4 x 3 1/4" Cut Film Magazine (12 Septimas). **\$11.89**
- PH9363—YOUR COST .....
- PH9365—3 1/4 x 4 1/4" Graflex Cut Film Magazine (12 Septimas). **\$12.95**
- YOUR COST .....
- Graflex 2 1/4 x 3 1/4" Cut Film Holder. **\$3.09**
- PH9364—YOUR COST .....
- PH9366—3 1/4 x 4 1/4" Graflex Cut Film Holder. **\$3.29**
- YOUR COST .....

For prices and other information regarding all other GRAFLEX and SPEED GRAPHIC models kindly address our New York offices.



ALL GRAFLEX CAMERAS SHIPPED POSTPAID IN U.S.A. ONLY



*Lafayette*  
**PLATE CAMERA**  
*Special*  
**PLATE CAMERA**



- ★ For Plates, Cut Film or Film Pack
- ★ 9x12 cm and 6.5x9cm Sizes
- ★ Zeiss Tessar f:4.5 Lens
- ★ Double Extension Bellows

- ★ Double Extension Bellows
- ★ Anastigmat f:4.5 Lens
- ★ For Plates, Cut Film or Film Pack
- ★ Compur Delayed Action Shutter

Has rising, falling and sliding front. Zeiss Tessar f:4.5 lens in Compur shutter with delayed action and speeds from 1 sec. to 1/200th second. Double extension bellows. Reflecting and wire frame finders. Spirit level. All metal body covered with pin seal leather. Hinged sliding carriage. A beautifully made camera for the serious amateur who wants the best results.

- PH1541-6.5x9cm Lafayette Foldex Camera. Zeiss Tessar f:4.5 lens (dia. 32 mm.). With ground glass back, 3 plate holders and film pack adapter. Shpg. wt. 4 lbs. Lens diam. 32 mm. **\$45.95**  
YOUR COST .....
- PH9603-Heavy cowhide, velour lined case with strap. .... **\$3.95**
- PH9460-Focar supplementary lens for portraiture and telephoto work with double extension cameras. With leather case. .... **\$1.47**  
YOUR COST .....
- PH1785-9x12cm Lafayette Foldex Camera. Zeiss Tessar f:4.5 lens (dia. 42mm). With ground glass back, 3 plate holders and film pack adapter. Wt. 4 lbs. Lens diam. 42mm. **\$48.95**  
YOUR COST .....
- PH9602-Heavy cowhide, velour lined case with strap. .... **\$3.95**
- PH9461-Focar supplementary lens for portraiture and telephoto work with double extension cameras. With leather case. .... **\$2.49**  
YOUR COST .....

- Cut Film Sheaths for Plate Holders**
- PH9374-Cut Film Sheath 9x12cm to adapt plate holders for cut film. YOUR COST EACH ..... **10c**
  - PH9373-Cut Film Sheath 6.5x9cm. YOUR COST EACH ..... **10c**

We obtained the complete stocks of several famous manufacturers of this type of camera in order to bring you these sensational values. All have the delayed action Compur shutter with speeds from 1 full second to 1/200th second plus time and bulb. f:4.5 anastigmat lens. Double extension bellows that permit working at very short distances. Spirit level. Reflecting and wire frame view finders. Ground glass back. Three plate holders. Film pack adapter. Cable release. All exposed metal plated and highly polished. Body covered with grained black leather. Here is an excellent opportunity to buy an all around camera for really serious work indoors and out. It has all of the adjustments you want such as rising, falling and sliding front, etc.

- PH1509-6.5x9 cm. Special Plate Camera with ground glass back, 3 plate holders and film pack adapter. Wt. 5 lbs. **\$31.95**  
YOUR COST .....
- PH9603-Heavy cowhide leather case, velour lined, with shoulder strap. YOUR COST ..... **\$3.95**
- PH1508-9x12cm Special Plate Camera with ground glass back, 3 plateholders and film pack adapter. Shpg. wt. 5 lbs. **\$34.95**  
YOUR COST .....
- PH9602-Heavy cowhide leather, velour lined, case with shoulder strap. For 9x12cm model. YOUR COST ..... **\$3.95**

- 6.5x9cm & 9x12cm Plate Holders**
- Fit most Plate Cameras including those listed on this page.
  - PH9375-6.5x9cm. YOUR COST ..... **69c**
  - PH9376-9x12cm. YOUR COST ..... **69c**

## EXTINCTION TYPE



**PIERCE**  
No calculations are required with this meter since it can be pre-set to the type of film you are using and left there until such time as you change to another film or filter. Two models - still and cine both complete with neck strap.  
PH2719-For Still Cameras. **\$1.77**  
YOUR COST EACH .....

**INSTOSCOPE**  
Instoscope is instantaneous in action. You look through it for 5 seconds, then read DIRECTLY for any onds, then read speed from 16 to 30 film or plate speed from 16 to 30 degrees Scheiner, lens apertures from f:2 to f:22, time from 30 minutes to 1/1000 second. Instructions included.  
PH2710- **\$3.00**  
YOUR COST .....  
INSTOCINE, for movies only. **\$3.00**  
PH2711- **\$3.00**  
YOUR COST .....  
Leather case for either. .... **50c**  
PH9908-YOUR COST .....  
**ABOVE POSTPAID IN U.S.A.**

**SAYMON-BROWN**  
The first accurate direct-reading meter without separate scales or charts of any kind. Lens openings and correct shutter speeds are read off directly. No adjustments to be made either before or after reading. Can be slipped into the range finder clip. Beautifully finished in chrome. Complete with case. SHIPPED P\*PAID. **\$2.00**  
PH2721-YOUR COST .....

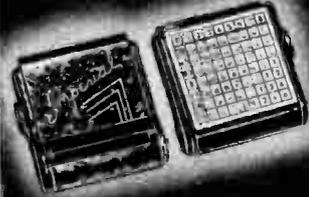
## IMPERIAL

All bakelite construction. American Scheiner film speed calibrations (16 to 30°). For daylight and artificial light. Diaphragm read-ings from f:2.8 to f:22. Exposure times from 6 seconds to 1/1000th second. Simple, easy to read conversion chart on rear. For still cameras only. Compact and convenient.  
PH2722-YOUR COST. **\$1.39**

**UNIVEX**  
Dependable extinction type meters for either still or cine shots. Operating range covers all conditions encountered in photography. Covers all film speeds and aperture settings. Housed in durable, non-breakable molded cases. Furniture complete with dust and water-proof case and protective screw top. Simple to operate-instructions included. SHIPPED POST-PAID IN U.S.A. ONLY.  
PH2712-For Still Cameras. **\$1.95**  
PH2713-For Movie Cameras. YOUR COST .....

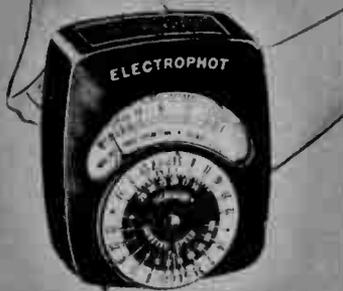
**LEUDI**  
Reads directly for film speeds up to 31 Scheiner and has a wide light range. One hand operation. With plastic case.  
PH2715-For Still Cameras. **\$1.89**  
PH2716-For Cine Cameras. List Price \$2.15. YOUR COST, EACH .....

## EXPOSURE METERS



# PHOTO CELL METERS

for Perfect Exposures



## Electrophot

A sensitive, compact photo-cell type meter for stills or movies. Calculating scale need be set only once to the speed of the film being used. Thereafter all readings are taken direct from the meter scale and compared with the calculator. Scheiner system of film rating reads as high as 35°. Shutter speeds from 1/1000 to 4 seconds. Overall dimensions 1-15/16x2-5/16x7/8". List Price \$10.00. Shpg. wt. 1 lb.

PH2706—**\$8.49**  
YOUR COST...  
Eveready leather case.  
PH9906—YOUR COST...89c

## WESTON Senior

Original and still among the finest available. Has the most complete calculator scale of all giving under and over-exposure values, filter values, etc. Unusually wide range of film and shutter speeds. Long life photronic cell, jewelled meter movement. Black molded case with neck ribbon. Sturdy and compact SHIPPED POSTPAID IN U.S.A.

PH2704—Model 650—Still and Cine.  
PH2705—Model 819—Cine only.  
COST EACH **\$17.96**  
EITHER TYPE.  
Zipper case for above.  
PH9907—YOUR COST...\$1.09

## DeJur Amsco

Shaped to fit the hand for one hand operation. Easy to read and use. Weston system of film speed ratings. Only one dial to set. Extremely sensitive photo-cell. Provides 20 F stops from f:1 to f:32 and 19 film speeds and reads from 1/1000 second to 1 minute. Sapphire jewelled movement. For movies as well as stills. Compact—sturdy. Weighs only 2 3/4 ounces. Fully guaranteed for 3 months. Comes complete with pigskin leather case fitted with zipper and neck cord. SHIPPED POSTPAID IN U.S.A. PH2708—Complete with case. YOUR COST...**\$10.50**

## General Electric

This unusual meter provides a choice of two degrees of sensitivity by means of an ingenious hood which also acts as a protective cover when carrying the meter. The front cover of the hood is slotted and acts as a screen in extremely bright light. The famous General Electric meter movement is extra sensitive for widespread lighting conditions. Sturdy molded case measures 2 3/8x2 1/4x1 1/4". SHIPPED POSTPAID IN U.S.A.

PH2707—**\$19.50**  
YOUR COST...  
Leather carrying case with zipper.  
PH9905—YOUR Cost...89c

## Photrix S.S.

Extremely sensitive photo-electric cell meter for both still and movie cameras. Suitable for artificial as well as daylight. Calibrated for American Scheiner film speeds from 14 to 32 degrees, diaphragm openings in half stops from f:1 to f:32 and exposure times from 60 seconds to 1/2000 second. Unusually simple zone type scale permits quick accurate readings. Recessed photo-cell shaded from "sky light." SHIPPED POSTPAID IN U.S.A.

PH2718—**\$15.75**  
YOUR COST...  
Leather zipper case.  
PH9915—YOUR COST...\$1.19

## ARGUS Photar

New, compact, accurate photocell type meter. Jewelled bearings on meter movement. Extremely simple to operate. Meter scaled in zones for easy reading. Calculator dials on rear have a large variety of film speeds including the new super-fast emulsions. All calibrations are in Weston ratings. Time from 1,000 to 3 seconds; stops from f:1.5 to f:32. Black molded case. SHIPPED POSTPAID IN U.S.A. ONLY.

PH2709—**\$8.75**  
YOUR COST...  
Zipper carrying case for above.  
PH9904—YOUR COST...89c



## WESTON Junior

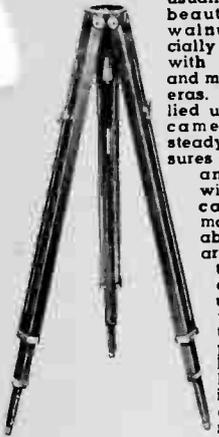
Weston, the acknowledged leader in the field of exposure meters, now offers this new, more compact model, at a price well within your reach. An easily adjusted calculator forms part of the meter dial where it is easily read. Calculation merely involves the setting of the "light reading" over the "emulsion speed" value and a range of seventeen different shutter speeds with corresponding aperture stops can be read directly. Shutter speeds run from 1/1000 second to 60 seconds. Aperture values from f:2 to f:32. Film speeds from .7 to 200 Weston are provided for.

PH2703—YOUR COST (POSTPAID IN U.S.A. ONLY) **\$13.95**  
Soft leather zipper case. PH9904—YOUR COST 89c



# Tripods & Camera Accessories

## STANRITE Wood Tripods



Extremely rigid yet unusually light are these beautifully finished walnut tripods especially designed for use with the heavier still and motion picture cameras. They can be relied upon to hold your camera absolutely steady for time exposures with still cameras and "pan" shots with motion picture cameras. Three models are available. Two of these are all wood, and the third combines a wood body and upper sections, with lower sections of chrome plated tubing. The lower sections can be reversed, having rubber feet at one end and metal points at the other.

### Three Section Tripod

This is the model illustrated above. All wood construction with cadmium plated hardware. Folded 24". Extends to 59". Shpg. wt. 4 lbs. List \$7.50. **PH8559—YOUR COST.....\$5.59**  
Reinforced canvas case for above. **PH9911—YOUR COST.....\$2.29**

### Two Section Tripod

All wood. Folded 30½". Open 52" Shpg. wt. 5 lbs. List \$6.75. **PH8557—YOUR COST.....\$4.49**

### DeLuxe Two Section Tripod

Wood top with reversible chromium plated metal legs. A truly fine tripod for use indoors or outdoors. Folded 28½"; opens to 55". Shpg. wt. 4½ lbs. List Price \$10.00. **PH8558—YOUR COST.....\$6.69**

## KODAK Range Finder



A truly remarkable engineering achievement is the Kodak Range Finder. Accurate—easy to operate—and able to withstand hard use. The Kodak range finder is of the split-image type and is very easy to use—merely line up the lower half of the object sighted with the upper half and read the distance directly on the scale. Then set your lens to that position and you'll have a perfect picture every time. The finder is fitted with a clip and can be carried in the vest pocket like a pen or pencil. A foot at one end permits attaching it to the camera.

**PH9335—YOUR COST.....\$5.98**

## Saymon-Brown Combined Range Finder and Exposure Meter



as much favor as did the highly accurate range finder alone. Made to extremely precise standards, this super-imposed-image type finder can be absolutely depended upon to measure any distance within its range from 2'6" to infinity, accurately. The Exposure Meter is also easy to use and accurate. Gives the necessary information direct, without requiring any setting either before, or after, taking the reading. Complete with case.

**PH9329—YOUR COST POSTPAID IN U.S.A.....\$6.75**

**Range Finder Only—Without exposure meter. PH9330—With case. \$4.75**

**YOUR COST POSTPAID IN U.S.A.....\$4.75**  
Bracket to attach either model to camera. **PH9331.....25c**

## ROYAL Tilt-Top



A remarkable, easy to use tilt-top, all movements of which are controlled by the handle alone. Heavy enough to be used with the larger amateur motion picture and still cameras. Smooth in operation with positive lock at any position. Stud fits all American type cameras. Can be used with any make tripod. **PH8600—SHIPPED POSTPAID IN U.S.A. \$5.85**  
**YOUR COST.....\$5.85**

## DeLuxe Tilt-Top



Precision construction and perfect design make this one of the finest of tilt-tops. Insures steady pictures of any desired camera angle with either still or movie camera. Velvety smooth in operation with positive locking at all positions. Graduated scale at base is very valuable in taking "pan" shots in sequence. Adjustable to any tripod. Shpg. wt. 3 lbs. **PH8617—YOUR COST.....\$6.69**

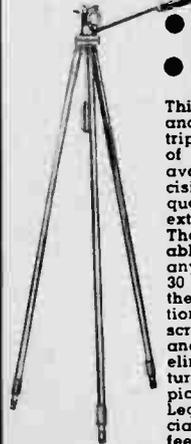
## "Tilt-Rite" Tilt-Top



A truly remarkable value in an all-around tilt-top for miniature cameras. Tilts, pans and sets at any angle. Locks into position with a twist of the wrist. Made of precision die-cast metal highly polished. Standard American stud fits any camera. May be used with any standard tripod. **PH8618—Wt. 2 lbs. \$89c**  
**YOUR COST.....89c**

## ROYAL Tripod

- Tubular Metal Construction
- Extends from 30 to 56 inches



This beautifully finished and sturdily constructed tripod is undoubtedly one of the best metal tripods available. Despite its precision construction and unquestionable quality it is extremely low in price. The legs are fully adjustable and can be set to any desired height from 30 to 56 inches and locked there by means of friction type clutches. Tripod screw extends below head and is fitted with a handle eliminating the need for turning the camera or picking up the tripod. Legs are fitted with special non-slip cushioned feet. The Royal tilt-top listed above is especially

recommended for use with this tripod. Together they represent all that could be desired in a first quality combination for use with any camera.

**PH8553—Tripod only as described above. Suitable for use with any standard camera. SHIPPED POSTPAID IN U.S.A. List Price \$7.50. \$6.75**

### Carrying Case

**PH9910—Special carrying case for above tripod. YOUR COST.....\$3.39**

### Combination Offer

**PH8550—For perfect results the Royal Tripod should be used with the Royal Tilt-top described at top of page. These two when purchased together are offered at this special price for the combination. POSTPAID IN U.S.A. Regularly \$12.60.**

**PH8550—YOUR COST SPECIAL.....\$11.25**

## Photo Cleaning Brush



A soft camel hair brush for dusting lenses, film, insides of your camera, etc. Case is dust and rust proof. Cap lifts off and brush comes into position when base is twisted. Compact in size and easily carried in the vest pocket. A practical necessity in the darkroom or out in the field. **PH9372—YOUR COST.....89c**

## Tilt-Top



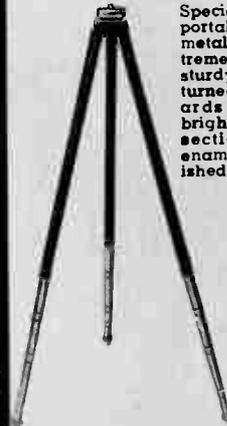
Tilt-top for use with any camera and tripod. All metal heavily nickled. Felt pad to protect camera. Winged set screw fastens top securely in any position. Shpg. wt. 2 lbs. **PH8616—YOUR COST.....79c**



## E-K Optipod

An ingenious device that serves as an excellent tilt-top and in addition can be clamped to anything available to take the place of a tripod. Clamp is felt lined. Shpg. wt. 2 lbs. **PH8601—YOUR COST.....\$1.19**

## All-Metal Tripods



Specially designed for portable use, these all-metal tripods are extremely compact yet very sturdy. Head is machine turned to precision standards and finished in bright chrome. Upper leg sections are in black enamel, lower are polished brass. Each section fitted with retractable pins to lock sections into position. Made in U.S.A.

### 5 Section Tripod

This popular model is reasonable in price. Extends from 16¼" to 58½". Reversible head has both American and European studs. Shpg. wt. 5 lbs. **PH8551—YOUR COST.....\$3.95**

### 7 Section Tripod

Where extreme compactness is desired, this model will be found ideal. When closed it is only 11½" long yet extends to 48½" when opened. Similar in other respects to model above. Wt. 4 lbs. **PH8565—YOUR COST.....\$4.89**

### 4 Section Tripod

Value that is unbeatable! A remarkably fine four section tripod similar to the five section model. Closed 15½" — extended 48½". Shpg. wt. 4 lbs. **PH8552—YOUR COST.....\$1.95**  
**Rubber Tips. Sets of 3 for all tripods. Prevent marring polished floors. PH9217—YOUR COST.....10c**

# STILL CAMERA FILM



## KODAK Roll Film

Kodak Film has long enjoyed a reputation for affording an extremely high percentage of successful snaps. Verichrome is an excellent orthochromatic film with a double coating to guard against over and under-exposure. Super XX is a new panchromatic film that is extremely sensitive making possible successful pictures under poor lighting conditions. Panatomic X provides extremely fine grain for perfect enlargements.

SHIPPED POSTPAID IN U.S.A. ONLY.

Size	Verichrome		Panatomic X		Super XX		Pan.	
	No.	Each	No.	Each	No.	Each	No.	Each
127	PH3114	23c	PH3123	27c	PH3100	27c	PH3327	27c
620	PH3115	27c	PH3124	32c	PH3102	32c	PH3328	32c
616	PH3116	32c	PH3125	36c	PH3104	36c	PH3329	32c
120	PH3117	27c	PH3126	32c	PH3101	32c	PH3331	36c
116	PH3118	32c	PH3127	36c	PH3103	36c	PH3330	36c
124	PH3119	41c						
130	PH3120	41c						
118	PH3121	41c						
122	PH3122	50c						

## KODAK Film Pack (12 Exposures)

520 is 2 1/4 x 3 1/4"; 518 is 3/4 x 4 1/4"; 541 is 9x12 cm.; 523 is 4x5"

Size	Verichrome		Super XX		Panatomic X	
	No.	Each	No.	Each	No.	Each
520	PH2912	54c	PH2900	63c	PH2903	63c
518	PH2913	90c	PH2901	\$1.08	PH2904	\$1.08
541	PH2914	99c	PH2902	\$1.17	PH2905	\$1.17
523	PH2915	\$1.04	PH2911	\$1.26	PH2906	\$1.26



## AGFA Roll Film

Agfa is acknowledged as a leader in the manufacture of fine film emulsions. Its uniform quality has made it the favorite of many.

SHIPPED POSTPAID IN U.S.A. ONLY.

Size	Pleno-Your		Super-Your		Super-Your		S-Pan Your	
	chrome	Cost	Plena	Cost	Pan	Cost	Press	Cost
127	PH3300	25c	PH3309	27c	PH3318	27c	PH3327	27c
120	PH3301	30c	PH3310	32c	PH3319	32c	PH3328	32c
620	PH3302	30c	PH3311	32c	PH3320	32c	PH3329	32c
116	PH3303	35c	PH3312	36c	PH3321	36c	PH3331	36c
616	PH3304	35c	PH3313	36c	PH3322	36c	PH3330	36c
122	PH3305	55c	PH3314	59c				

## AGFA "Finopan" Roll Film

127 (A8)—PH3334—27c 120 (B2)—PH3337—32c  
620 (PB20)—PH3338—32c

## AGFA Film Pack (12 Exposures)

Size	SUPER PAN			SUPER PAN			PRESS		
	No.	Each	6 For	No.	Each	6 For	No.	Each	6 For
520	PH2930	\$0.68	\$3.83	PH2942	\$0.68	\$3.83	520 is 2 1/4 x 3 1/4"		
518	PH2931	1.13	6.38	PH2943	1.13	6.38	518 is 3/4 x 4 1/4"		
541	PH2932	1.26	7.14	PH2944	1.26	7.14	541 is 9x12 cm.		
523	PH2933	1.35	7.65	PH2945	1.35	7.65	523 is 4x5"		

## SUPER PLENACHROME

520	PH2936	\$0.63	\$3.57	520 is 2 1/4 x 3 1/4"
518	PH2937	1.04	5.87	518 is 3/4 x 4 1/4"
541	PH2938	1.13	6.38	541 is 9x12 cm.
523	PH2939	1.17	6.63	523 is 4x5"

## KODAK FILM FOR BANTAM CAMERAS

- PH3000—FX-828. Panatomic X. 8 exposures. } **23c ea.**
- PH3001—PX-828. Plus X. 8 exposures. } **2 for 45c**
- PH3002—XX-828. Super XX. 8 exposures. } **2 for \$1.71**
- PH3003—FX-135. Panatomic X. 36 exposures. } **86c ea.**
- PH3004—PX-135. Plus X. 36 exposures. } **2 for \$1.71**
- PH3005—XX-135. Super XX. 36 exposures. } **86c ea.**
- PH3014—FX-135. Panatomic X. 18 exposures. } **54c ea.**
- PH3015—PX-135. Plus X. 18 exposures. } **54c ea.**
- PH3016—XX-135. Super XX. 18 exposures. } **54c ea.**

## DUPONT 35 MM. FILM

- PH3035—Superior Pan for Leica, Argus, etc. 36 exp. .... 77c
- PH3034—Superior Pan for Leica, Argus, etc. 18 exp. .... 50c
- PH3036—Superior Pan for Contax. 36 exposures. .... 77c
- PH3041—Fine Grain Parpan for Leica, Argus, etc. 36 exposures. .... 77c
- PH3040—Fine Grain Parpan for Leica, Argus, etc. 18 exposures. .... 50c
- PH3042—Fine Grain Parpan for Contax. 36 exposures. .... 77c
- PH3037—Infra red film cartridge for Leica, Argus, etc. 98c
- PH3038—Infra red film cartridge for Contax. .... 98c
- PH3039—27 1/2 ft. notched bulk Superior Pan. .... \$1.62

## KODACHROME 35 MM. FILM

- PH3022—Kodachrome K-135. 18 exposures. } **\$2.25 ea.**
- PH3023—Kodachrome K-135A. 18 exposures. } **\$2.25 ea.**

- PH3020—Kodachrome K-828. 8 exposures. } **\$1.22 ea.**
- PH3021—Kodachrome K-828A. 8 exposures. } **\$1.22 ea.**

ALL ABOVE FILMS SHIPPED POSTPAID IN U.S.A.



## AGFA 35 MM. FILM (POSTPAID IN U.S.A.)

- PH3050—Ultra Speed Panchromatic. For Contax } **90c**
- PH3051—Ultra Speed Panchromatic. For Leica } **90c**
- PH3052—Superpan. Supreme Contax cart. } **90c**
- PH3053—Superpan. Supreme Leica cart. } **90c**
- PH3054—Finopan. Contax cartridge } **90c**
- PH3055—Finopan. Leica cartridge } **90c**
- PH3056—Fine-Grain Planachrome. Leica cart. } **81c**
- PH3057—18 exposures. Superpan Supreme. } **45c**
- For Argus. Your Cost Each. .... **45c**

## AGFA BULK 35 MM. FILM

- PH3058—27 1/2 foot length. Ultra-Speed Pan. notched. In container. Your Cost Each. .... **\$1.62**
- PH3059—27 1/2 foot length. Superpan. Supreme. notched. In container. Your Cost Each. .... **\$1.62**

## EASTMAN BULK 35 MM. FILM

- PH3024—27 1/2 foot length. Panatomic X. Notched. In container. Your Cost. .... **\$2.25**
- PH3025—27 1/2 foot length. Super XX. Notched. In container. Your Cost. .... **\$2.25**

## GEVAERT 35 MM. FILM CARTRIDGES

- For Leica, Contax, Argus, Retina, Exakta, etc. 36 exp.
- PH3007—Express Superchrome. Each. .... **68c**
  - PH3008—Panchromosa. Each. .... **75c**
  - PH3006—18 Exposure Panchromosa. Each. .... **39c**
- Refills Only (36 Exposures)
- PH3009—Express Superchrome. Each. .... **33c**
  - PH3010—Panchromosa. Each. .... **37c**

## GEVAERT

### Roll and Pack Film

Supplied in two types: Express Superchrome and Panchromosa. Both types are double coated to insure the widest latitude in conjunction with extremely high speed. Express Superchrome is orthochromatic; Panchromosa is sensitive to all colors of the visible spectrum. Average shpg. wt. 1 lb.

## GEVAERT Roll Film (8 exposures)

Express Superchrome				Panchromosa			
No.	Each	Type	Size	No.	Each	Type	Size
PH3275	17c	G27	1 5/8 x 2 1/2"	PH3280	22c	G27	1 5/8 x 2 1/2"
PH3276	17c	G20	2 1/4 x 3 1/4"	PH3281	24c	G20	2 1/4 x 3 1/4"
PH3277	24c	G16	2 1/2 x 4 1/4"	PH3282	27c	G16	2 1/2 x 4 1/4"
PH3278	24c	G616	2 1/2 x 4 1/4"	PH3283	27c	G616	2 1/2 x 4 1/4"
PH3279	19c	G620	2 1/4 x 3 1/4"	PH3284	24c	G620	2 1/4 x 3 1/4"

GEVAERT Pack Film (12 exposures)							
PH2955	40c	P20	2 1/4 x 3 1/4"	PH2960	50c	P20	2 1/4 x 3 1/4"
PH2956	70c	P18	3 1/4 x 4 1/4"	PH2961	85c	P18	3 1/4 x 4 1/4"
PH2957	80c	P41	9x12 cm.	PH2962	95c	P41	9x12 cm.
PH2958	89c	P23	4x5"	PH2963	\$1.05	P23	4x5"

## DUFAYCOLOR Film

In order to spread its popularity, we offer to develop any roll (not pack) purchased from us at the special price of 25c each. Rolls must be returned in original cartons, with our stock number on it. ALL DUFAYCOLOR SHIPPED POSTPAID IN U.S.A.

## Film Pack (8 Exposures)

Type	Stock No.	Size	Each
FP20	PH2950	2 1/4 x 3 1/4"	\$2.75
FP18	PH2951	3 1/4 x 4 1/4"	4.50
FP41	PH2952	9x12 cm.	5.00

- Roll Film (6 Exposures)
- | Type | No.    | Size           | Each   |
|------|--------|----------------|--------|
| 27   | PH3250 | 1 5/8 x 2 1/2" | \$0.90 |
| 20   | PH3251 | 2 1/4 x 3 1/4" | 1.25   |
| M20  | PH3252 | 2 1/4 x 3 1/4" | 1.25   |
| 16   | PH3253 | 2 1/2 x 4 1/4" | 1.75   |
| M16  | PH3254 | 2 1/2 x 4 1/4" | 1.75   |
- Dufaycolor Developing Kit  
Process your Dufaycolor at home.  
PH2620—YOUR COST ... \$1.25  
Dufaycolor Dry Developing Kit:  
Chemicals for 32 oz. developer.  
64 oz. reverser.  
PH2621—YOUR COST ... \$1.50
- PH5060—Dufaycolor Manual. YOUR COST EACH ... 25c

## Dufaycolor Film for Miniature Cameras

- 35 millimeter Daylight Loading Dufaycolor film. Excellent results with all types of miniature cameras. 18 exposures. Each
- PH3070—For Leica, Argus, Marvel, Kodak Retina. **\$1.40**
  - PH3071—For Contax and Super-Nettel.



# MOVIE FILM·FILTERS·CUT FILM·

## EASTMAN KODAK MOVIE FILM



For the quality pictures you require, Eastman film will satisfy your most exacting needs. ALL OF THE BELOW LISTED FILM IS PROCESSED FREE OF CHARGE AT THE EASTMAN LABORATORIES NEAREST YOU. Wide emulsion latitude coupled with precision processing by Eastman technicians is the basis for Eastman film popularity. Both black and white and full color Kodachrome film is processed free.

For a new thrill in movies try a roll of beautiful natural color Kodachrome—available in both 8 mm. and 16 mm. sizes.

### 16 Millimeter Film

100 FOOT ROLLS		Type	50 FOOT ROLLS	
No.	Each		No.	Each
PH2850	\$4.05	Safety Film	PH2851	\$2.93
PH2852	5.40	Panchromatic	PH2853	3.60
PH2854	6.75	Super XX Pan	PH2855	4.28
PH2856	8.10	Kodachrome	PH2857	4.28
PH2858	8.10	Kodachrome A		

Standard 8 MM Film		Type	50-Foot 16 MM. Magazine Film	
No.	Your Cost		No.	Your Cost
PH2869	\$2.03	Panchromatic	PH2876	\$3.15
PH2870	3.38	Super XX Pan	PH2877	3.83
PH2871	3.38	Kodachrome	PH2878	4.50
		Kodachrome A	PH2879	4.50

ALL ABOVE FILM SHIPPED POSTPAID IN U.S.A. ONLY

### KIN-O-LUX 16 Millimeter Movie Film

No. 1 for general outdoor use; No. 2 is fine grain, semi-chromatic, faster than No. 1; No. 3 is S.S. Pan., full color range.

No. 1—Green Box	
PH2830—50-Foot Roll	\$1.80
YOUR COST.....	
PH2831—100-Foot Roll	\$2.70

No. 2—Red Box	
PH2832—50-Foot Roll	\$2.25
YOUR COST.....	
PH2833—100-Foot Roll	\$3.15

No. 3—Lavender Box	
PH2834—50-Foot Roll	\$3.15
YOUR COST.....	
PH2835—100 Foot Roll	\$5.40

PRICES INCLUDE PROCESSING ALL KIN-O-LUX FILM POSTPAID IN U.S.A. ONLY



### GEVAERT 8mm Movie Film

Now, for the first time, you can obtain this popular film for your 8mm camera. Three types of emulsion are available. For maximum speed use the panchromatic Pancho Super Reversal. For unbelievably fine grain use Pancho Micrograin, which is fully panchromatic. For a good orthochromatic "outdoor" emulsion use "Ortho".

These films are 25 ft. long, 16mm wide and "prescored", enabling the user to separate the film into two 8mm lengths. Each roll equivalent to 100 ft. of 16mm film. Spools will fit 8mm cameras, such as E-K, Keystone, Bell & Howell, Excel, etc. FREE PROCESSING IS INCLUDED.

Stock No.	Type	Weston Rating	EACH
PH2897	Pancho Sup. Rev.	24-Day	16-Tungsten \$1.79
PH2898	Pancho Micrograin	12-Day	8-Tungsten 1.79
PH2899	Ortho	16-Day	6-Tungsten 1.59



### DUPONT 16mm Regular Film

A very popular full panchromatic film that sees all colors in their true relationship. It has great latitude—errors of as much as one or two stops are corrected in processing. Non-halation base assures sharp definition of bright objects. It is an excellent all-around film and is especially good for indoor work by artificial light.

PRICE INCLUDES FREE PROCESSING.

PH2805—100-Foot Roll. YOUR COST	\$4.05
POSTPAID ANYWHERE IN U.S.A. ONLY.....	
AGFA 30 Foot Roll Single Width 8mm Film	
Fine Grain Panchromatic for Keystone 8mm	
PH2822—YOUR COST POSTPAID IN U.S.A. ONLY....	\$1.31



### E. K. Movie Camera Filters

Optically perfect filters especially designed for use with movie cameras. Furnished complete with movie camera cases. "Z" type are for Cine-Kodak models B with f:3.5 lens, E with f:3.5 lens and Cine-Kodak "8" models 20 and 25. U-11 filters have set screws and can be adjusted to lenses from 1/2" to 2 1/2" with f:1.9 lenses as used in "Magazine" "K", etc.

Stock No.	Type	Mount	YOUR COST
PH9521—Yellow Color Filter		Z-CK-3	\$ .89
PH9534—Kodachrome Haze Filter		Z	1.39
PH9535—Kodachrome Photoflood Filter		Z	1.39
PH9455—Portrait Type A Daylight Filter		Z	1.39
PH9523—Kodachrome Attachment		Z	1.39
PH9525—Kodachrome Haze Filter		Z	1.39
PH9527—Kodachrome Photoflood Filter		U-11	1.74
PH9522—Yellow Color Type A Daylight Filter		U-11	1.95
PH9524—Kodachrome Haze Filter		U-11	1.95
PH9526—Kodachrome Haze Filter		W	2.19
PH9528—Kodachrome Photoflood Filter		W	2.19
PH9528—Kodachrome Type A Daylight Filter		W	2.19

A specially selected set of optical glass filters for Bell & Howell 8 mm. cameras (except Taylor Hobson Lenses), Keystone f:3.5 and f:2.7 lenses both 8 mm. and 16 mm. Consists of one red, one yellow, one green, one haze filter and one interchangeable mount in leatherette case.

PH9470—YOUR COST PER SET..... \$3.89

### AGFA Cut Film



Isopan for greater speed, finer grain. Superpan Press for speed. Triple S Pan fast portrait film.

Isopan Film (New Type)			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4032	2 1/4 x 3 1/4"	\$ .45	\$2.39
PH4033	6.5x9 cm.	.49	2.49
PH4034	3 1/4 x 4 1/4"	.68	3.69
PH4035	9x12 cm.	.81	4.79

Super Pan Press			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4043	2 1/4 x 3 1/4"	\$ .49	\$2.49
PH4044	6.5x9 cm.	.58	3.19
PH4045	3 1/4 x 4 1/4"	.76	4.19
PH4046	9x12 cm.	.89	4.89

Triple S Pan			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4036	2 1/4 x 3 1/4"	\$ .49	\$2.49
PH4039	6.5x9 cm.	.58	3.19
PH4037	3 1/4 x 4 1/4"	.76	4.19
PH4038	9x12 cm.	.89	4.89

### DEFENDER



Cut Film

XF Panchromatic is an excellent "pan" portrait film. XF Ortho Press is designed for use by the news photographer. XF Pan Press is fully panchromatic.

XF Panchromatic			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4050	2 1/4 x 3 1/4"	\$ .45	\$2.39
PH4053	6.5x9 cm.	.49	2.49
PH4051	3 1/4 x 4 1/4"	.68	3.69
PH4052	9x12 cm.	.81	4.79

XF Ortho			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4058	2 1/4 x 3 1/4"	\$ .41	\$2.19
PH4059	6.5x9 cm.	.45	2.39
PH4060	3 1/4 x 4 1/4"	.59	3.19
PH4061	9x12 cm.	.72	4.29

XF Pan Press			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4062	2 1/4 x 3 1/4"	\$ .45	\$2.39
PH4065	6.5x9 cm.	.49	2.49
PH4063	3 1/4 x 4 1/4"	.68	3.69
PH4064	9x12 cm.	.81	4.79

### EASTMAN KODAK Cut Film



Portrait Pan for fine gradation. Panatomic X for fine grain, Super XX for speed with color sensitivity.

Portrait Pan			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4000	2 1/4 x 3 1/4"	\$ .45	\$2.39
PH4003	6.5x9 cm.	.49	2.49
PH4001	3 1/4 x 4 1/4"	.68	3.69
PH4002	9x12 cm.	.81	4.79

Panatomic X			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4008	2 1/4 x 3 1/4"	\$ .45	\$2.39
PH4009	6.5x9 cm.	.49	2.49
PH4010	3 1/4 x 4 1/4"	.68	3.69
PH4011	9x12 cm.	.81	4.79

Super XX			
Stock No.	Size	Carton 6 of 12	Ctns. For
PH4012	2 1/4 x 3 1/4"	\$ .45	\$2.39
PH4015	6.5x9 cm.	.49	2.49
PH4013	3 1/4 x 4 1/4"	.68	3.69
PH4014	9x12 cm.	.81	4.79

### Kodachrome Full Color Film



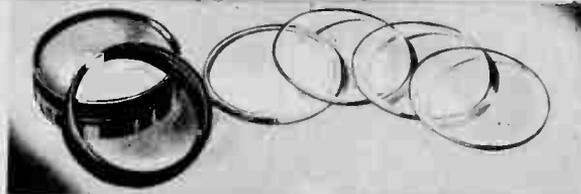
Now you can use full color Kodachrome film in regular cameras. Available in regular for outdoor use and type "A" for artificial light. Prices include processing when 3 or more films are sent at one time to Eastman. POSTPAID IN U.S.A.

Kodachrome Cut Film for Daylight			
Stock No.	Size	Carton of 6	Price
PH4078	2 1/4 x 3 1/4"		\$3.90
PH4079	6.5x9 cm.		4.25
PH4080	3 1/4 x 4 1/4"		5.25
PH4081	9x12 cm.		6.40

Kodachrome "B" for Art. Light			
Stock No.	Size	Carton of 6	Price
PH4082	2 1/4 x 3 1/4"		\$3.90
PH4083	6.5x9 cm.		4.25
PH4084	3 1/4 x 4 1/4"		5.25
PH4085	9x12 cm.		6.40

# Get the Best out of Your Camera!



## LAFAYETTE Mounts and Filters for Still Cameras

New precision made mounts, with outer knurled ring, greatly simplify changing of filters and portrait lenses. Snap securely into position yet easily removed. Adjustable to compensate for slight variations of lens mountings from standard sizes.

### Filter Mounts Only

Type A will take 25 mm filters; type B will take 32 mm filters; type C will take 39 mm filters.

Stock No.	Type	Diam.	Stock No.	Type	Diam.
PH9575	A	23 mm	PH9581	B	29.1 mm
PH9576	A	24 mm	PH9582	B	30 mm
PH9577	A	25 mm	PH9583	B	32 mm
PH9578	A	25.5 mm	PH9584	B	33 mm
PH9579	B	27 mm	PH9585	B	37 mm
PH9580	B	28.5 mm	PH9586	C	42 mm

Type A Listed Above.

YOUR COST EACH.....

Type B and C Listed Above.

YOUR COST EACH.....

### 25 Millimeter Optical Glass Filters

PH9504—Light Yellow (K-1)	PH9506—Medium Green (X-2)
PH9505—Medium Yellow (K-2)	PH9507—Red (A)
PH9512—Light Green (X-1)	

Any Type Above. YOUR COST EACH..... **75¢**

### 32 Millimeter Optical Glass Filters

PH9515—Light Yellow (K-1)	PH9518—Medium Green (X-2)
PH9516—Medium Yellow (K-2)	PH9519—Red (A)
PH9517—Light Green (X-1) Any Type Above.	YOUR COST EACH

YOUR COST EACH..... **75¢**

### 39 Millimeter Optical Glass Filters

PH9508—Light Yellow (K-1)	PH9510—Medium Green (X-2)
PH9509—Medium Yellow (K-2)	PH9511—Red (A)
PH9514—Light Green (X-1) Any Type Above.	YOUR COST EACH.....

YOUR COST EACH..... **95¢**

### PORTRAIT LENSES (For Use in Above Filter Mounts)

Finely ground lenses for close-up photography.

PH9472—25 mm...45c	PH9473—32 mm...49c	PH9474—39 mm...65c
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## FLEXIBLE RUBBER LENS SHADES



Many an otherwise perfect picture has been spoiled due to an unnoticed reflection of light into the camera lens. Experienced professionals always use a good lens shade. These new all-rubber shades are easily carried in the pocket due to their flexible construction. Ridges inside the shade permit the insertion of filter glasses which can be snapped in or out. Shades fit camera lenses perfectly.

No.	For Lenses	Each
PH9553	22-24 mm	34c
PH9554	24-27 mm	44c
PH9555	27-31 mm	54c
PH9556	31-36 mm	58c
PH9557	36-42 mm	68c
PH9558	40-46 mm	68c

## PHOTOGRAPHIC VIEWING FILTERS

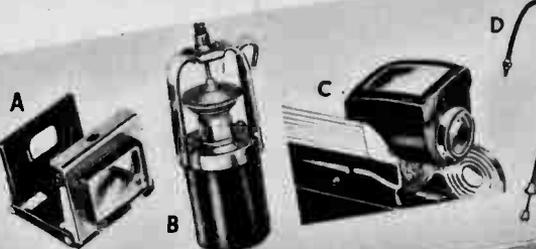


Only after years of practice is it possible to correctly judge relative values of light and shade as seen by various negative materials. But even experienced photographers prefer to use a viewing glass rather than rely upon their own judgment. And for the amateur a viewing glass is a practical necessity.

The "Ortho" viewing filter is for use with orthochromatic film, the "Monotone" for panchromatic film. Each comes complete with instructions, neck cord and leather case.

PH9540—"Ortho" Filter  
PH9541—"Monotone" Filter  
YOUR COST

EACH..... **95¢**



### (A) Optical Direct View Finder

To follow fast moving objects a direct view finder is an absolute necessity. This one is of the optical type providing a sharp clear image in its proper proportions. For use on older cameras to bring them up to date or for replacement purposes. For sizes up to 2 1/4 x 3 1/4". Finished in chromium and black. With screws and full instructions.

PH9332—YOUR COST..... **\$1.19**

### (B) Kodak Self Timer

This Kodak self timer allows you to take your own picture, and to include yourself in pictures of groups. Absolutely quiet and vibrationless. Attaches to cable release of any camera. Can be set for wide number of time intervals.

PH9207—YOUR COST EACH..... **\$1.19**

### (C) E. K. Flexafinder

A waist level view finder for use on folding Kodaks and similar cameras. Type 16 for 2 1/2 x 4 1/4" pictures, type 20 for 2 1/4 x 3 1/4".

PH9333—Type 16 PH9334—Type 20  
YOUR COST, EITHER TYPE..... **89¢**

### (D) Cable Releases

6 1/2"	10"
PH9230—For Compur	PH9233—For Compur
PH9231—For Kodak	PH9234—For Kodak
Ilex, etc.	Ilex, etc.
EACH..... <b>24¢</b>	EACH..... <b>29¢</b>
PH9208—6" special for Agfa Plenax	33c
PH9232—special for Argus C-2	75c

### "WELLCOME" Calculator

1939 handbook, diary and exposure calculator. Formulas, film factors, processing information. SHIPPED POSTPAID IN U.S.A.  
PH5066—Book complete with pencil.  
YOUR COST..... **75¢**

## ROLYN-ARC Metal Lens Shades

Scientifically designed for working with or against the light. Unique tapered shape eliminates cut corners. Can easily be attached to all standard lens mounts. MADE IN ENGLAND

No.	Type	Lenses	EACH
PH9561	32	32-35 mm	\$0.98
PH9562	36	36-39 mm	1.15
PH9563	37	40-42 mm	1.25
PH9564	42	42-45 mm	1.35



No.	Type	Lenses	EACH
PH9559	24	24-28 mm	\$0.79
PH9560	27	28 1/2-31 mm	.89

## Lafayette Lens Tissues

Optical glass is softer than ordinary window glass. Use these soft tissues especially made for cleaning lenses. Book of 50 sheets 4" x 6".

PH9219—EACH..... **8¢**  
FREE with orders for \$5.00 or more (specify).



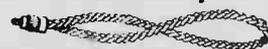
## KODAK Lens Cleaner

Does your lens look cloudy? Finger marked? Use this specially prepared neutral solution containing no soap or alkali. Occasional use prevents fungus growth. Fine for eyeglasses too!

PH9206—1 oz. bottle.  
YOUR COST..... **19¢**



## Lafayette Safety Straps



Why take the chance of dropping your camera? These sturdy straps of braided flexible material screw into the tripod mount and when slipped over your wrist or neck provide added safety and convenience in handling.

PH9225—Wrist Strap	29c
PH9226—Neck Strap	59c

## Lafayette 6"mm Rule



6 Inch and millimeter rule on one side and emulsion speed chart plus Weston-Scheiner comparison chart on the other. A very convenient way to carry this much needed information.  
PH9218—YOUR COST EACH..... **10¢**

## KODAK Guide Books

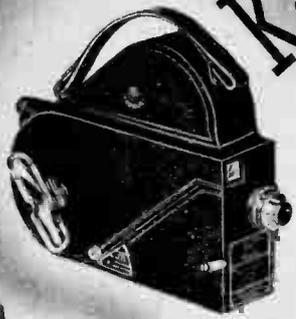
These very reasonably priced guides are of inestimable value in obtaining the most from your hobby.

PH5061—Kodachrome Exposure Guide  
PH5062—Kodachrome "A" Exp. Guide.  
PH5063—Kodak Outdoor Exposure Guide  
PH5064—Kodak Indoor Exposure Guide  
PH5065—Kodak Outd. Filter Guide.  
YOUR COST EACH..... **9¢**

## DRAUCKER Daylight Calculator

A very simple and reliable calculator for evaluating lighting conditions. Tells you the best shutter speed and diaphragm opening for every lighting condition and time of day. Complete with 12 page instruction book.  
PH5068—YOUR COST EACH..... **54¢**

# Kodak 16 M.M. CAMERAS & PROJECTORS



## Model E 16mm Camera

Here's a low cost, high quality Cine-Kodak that gives you the increased range of 16mm movies. It's inexpensive to own and operate. Features include: Kodak Anastigmat f:3.5 lens; fixed focus to insure clear, sharp pictures from a few feet to infinity; three speeds—normal, intermediate and s-l-o-w motion; Dual footage indicator; eye-level optical view finder; extremely simple to load and thread. Can be used for both black and white or full color film. Powerful spring motor. With carrying handle. List Price \$39.50. **\*\$35.55**  
**PH2008—YOUR COST.....**  
**ABOVE SHIPPED POSTPAID IN U.S.A. ONLY**  
**PH9617—Carrying case for above. Your Cost.....\$6.95**



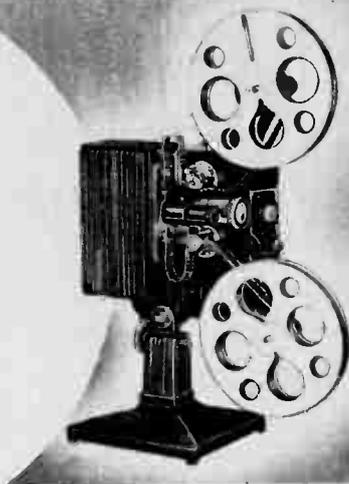
## Model K 16mm Camera

The model K 16mm Cine Kodak camera loads with 100-ft. or 50-ft. rolls of black and white or full color Kodachrome, loaded and ready to operate in a jiffy. As simple to operate as it is dependable and efficient. Has ultra fast interchangeable Anastigmat f:1.9 lens which insures splendid shots under wide lighting conditions. Can be operated at half speed as well as normal speed. Footage indicator shows the number of feet of unexposed film remaining to be taken. A handy exposure guide shows the proper lens opening for various light conditions. Both an eye-level and waist-level view finder are provided. **\*\$72.00**  
**PH2009—List \$88.50. YOUR COST.....**  
**ABOVE SHIPPED POSTPAID IN U.S.A. ONLY**  
**PH9626—Plush lined, sturdy carrying case for the above camera. Of top grain cowhide, with compartments for two 100-ft. reels. YOUR COST.....\$9.95**



## 16mm Magazine Cine-Kodak

Here is the 16mm camera that takes all the work out of home movie making. You can load it with your eyes shut. Film is supplied in 50-ft. magazines which slip right into the camera when you unlock the cover. Footage indicator on magazine shows amount of unexposed film remaining. You can take magazines out of camera partly or totally exposed—no film wasted. Three shutter speeds—Normal, Intermediate and Slow Motion at 16, 32 or 64 frames per second permit you to take professional movies. Has Kodak interchangeable Anastigmat f:1.9 lens which insures good "takes" under all light conditions. "Pulse" button under your finger posts you on length of your shots. **\*\$105.75**  
**PH2007—Magazine Cine-Kodak. YOUR COST.....**  
**List \$117.50. YOUR COST.....**  
**ABOVE SHIPPED POSTPAID IN U.S.A. ONLY**  
**PH9625—Compartment carrying case for above, of top-grain cowhide. YOUR COST.....\$7.95**



## KODASCOPE Model EE

A remarkable projector at a very low price. Throws 16mm picture up to 8 feet wide. Supplied with the finest Kodak f:1.6 lens. Easy to thread, frame, and focus. Extremely quiet in operation. Powerful a.c.-d.c. motor. Provided with 30° tilt device. No belts to adjust when rewinding. Six major bearings require no oiling. Other features: tandem pull-down for steady projection; handy rewind clutch; power fan cooler. **\*\$54.00**  
**PH2215—Model EE projector, with f:1.6 lens. Lamp. YOUR COST.....**

## Model G (Illustrated)

A deluxe model with all the features of the model EE, plus: "still" adjustment; REVERSE projection; single switch controls four major functions; pilot light for easy threading. Complete with 2" f:1.6 lens and 500-watt projection bulb. **\*\$106.20**  
**PH2200—Model G. YOUR COST.....**  
 Sturdy carrying case for either of the above models. **\*\$5.45**  
**PH9821—YOUR COST.....**  
**ALL ABOVE POSTPAID IN U.S.A.**

# KEYSTONE 16 M.M. CAMERAS AND PROJECTORS



## Model A-3 (3-Speeds)

You'll be able to keep a precious living record of your friends and loved ones, in black and white or full color, with this splendid 16mm camera. Features include: high power fully corrected f:3.5 lens with universal focus and iris diaphragm; built-in Monocular view finder; powerful spring motor with convenient winding key; THREE SPEEDS—Normal, half and s-l-o-w motion; locking knob to permit operator to enter the picture. Easy to load — can be loaded in full daylight. Film register shows number of feet of unexposed film left to take. Audible footage signal determines footage as taken. **\*\$31.50**  
**PH2020—Keystone Model A-3. List \$35.00. YOUR COST.....**

## Model A-7 (Illustrated)

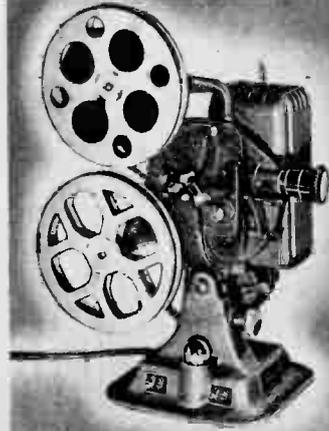
A deluxe model that incorporates all the features of the above, plus: fine f:2.7 lens; SEVEN SPEEDS, including normal, 5 intermediate and s-l-o-w motion. List \$44.50. **\*\$40.05**  
**PH2021—YOUR COST.....**  
**ABOVE CAMERAS SHIPPED POSTPAID IN U.S.A. ONLY**  
 Cowhide carrying case for either of the above. **\*\$4.25**  
**PH9637—YOUR COST.....**

## Model A-75 Projector

A sturdy projector for flawless, flicker-free results. Throws pictures up to 40x52". Features include: 500-watt concentrated pre-focus lamp; ventilating fan; universal a.c.-d.c. motor; rheostat speed control; fine f:2.5 achromatic projection lens; manual framer; 400-ft. capacity (one empty reel furnished). Complete with film splicing kit and instructions. List \$55.00. **\*\$49.50**  
**PH2204—A-75. YOUR COST.....**

## Model A-81 (Shown)

A super deluxe model that throws a picture up to 14-ft. wide. Furnished with a 750-watt pre-focus lamp and an f:1.65 auditorium 2" lens fully achromatic. Other features: forward and REVERSE projection; STILL picture framer; worm gear tilt device; rapid motor rewind. **\*\$62.55**  
**PH2205—Model A-81. List \$69.50. YOUR COST.....**  
**ABOVE PROJECTORS SHIPPED POSTPAID IN U.S.A. ONLY**  
**PH9811—Sturdy carrying case for above models.....\$4.45**



f:2.7 LENS; SEVEN SPEEDS.

s-l-o-w motion. List \$44.50.

PH2021—YOUR COST.....

ABOVE CAMERAS SHIPPED POSTPAID IN U.S.A. ONLY

Cowhide carrying case for either of the above.

PH9637—YOUR COST.....\$4.25



## EASTMAN CINE-KODAK EIGHTS

Model 60

The fast, sharp, f:1.9 Kodak Anastigmat lens employed in the model 60 Cine-Kodak Eight makes possible perfect movies even under very poor lighting conditions. This ultra-fast lens can be focused accurately on all subjects from two feet to infinity. Sturdily built, and compact for convenient handling. Its precision-built mechanism with interchangeable lens assures wide versatility. A bright optical view finder is built into the folding handle. The camera is covered in attractive durable two tone grey leather and trimmed with bright chrome. The interior mechanism is engine turned and finished like a fine watch. A heavy leather carrying case with shoulder strap is included.  
PH2000 Cine-Kodak "60" **\$70.65**  
YOUR COST.....

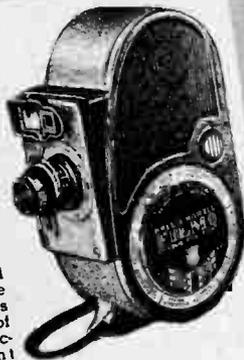
Models 20 and 25

Cine-Kodak models 20 and 25 are similar to the model 60 but have fixed focus lenses of slower speed. Each has a powerful spring motor, automatic foot-plate indicator, full vision view finder and locking motor release button that permits taking your own picture. Covered in attractive pin seal black leather.  
PH2010—Model 20 with f:3.5 lens.  
YOUR COST..... **\$26.55**  
PH2011—Model 25 with f:2.7 lens.  
YOUR COST..... **\$37.80**  
PH9627—Cowhide carrying case for either of the above with hand and shoulder straps. Wt. 2 lbs.  
YOUR COST..... **\$2.89**  
**ALL EASTMAN CINE-KODAK EIGHTS SHIPPED POSTPAID IN U.S.A.**

## FILMO DOUBLE 8 CAMERAS

"For Professional Results"

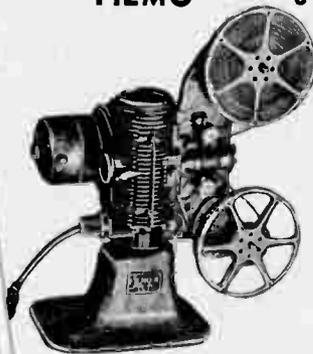
Since 1907 Bell and Howell have been famous as manufacturers of quality motion picture equipment used in professional studios in Hollywood and other film producing centers. All of the knowledge gained in producing this equipment has been utilized in the design of the famous Filmo Double 8 Cameras. Smallest and lightest of personal movie cameras they are also the simplest to operate. Film can be loaded in daylight in a moment. No sprockets to thread and no loops to form. A rotary shutter gives accurate, uniform exposure. Four speeds are available depending upon model selected. Lenses are f:3.5 or f:2.3—amply fast for all normal work including color film. In addition a single frame exposure device permits making cartoons or trick titles. Case is of die-cast aluminum alloy. Provisions have been made to permit the use of other lenses, masks are attached to the view finder for use with 1 inch and 1/2 inch lenses.



PH2065—Filmo "Companion" (134-G) f:3.5 lens, four speeds 8/16/24/32 frames per second.  
**SHIPPED POSTPAID IN U.S.A. ONLY.**  
YOUR COST..... **\$49.50**  
PH2066—Model "Sportster" (134-F) f:2.5 lens, 4 speeds 16/32/48/64 frames per second.  
**SHIPPED POSTPAID IN U.S.A. ONLY.**  
YOUR COST..... **\$75.00**  
PH9710—Eveready carrying case for any of the above.  
YOUR COST EACH..... **\$4.95**

## FILMO

## 8 MM. PROJECTORS



Theater-quality pictures and complete film protection are two of the outstanding features of these excellent projectors. Brilliant illumination is obtained by a direct lighting system employing a 400 or 500 watt (depending upon model chosen) lamp and an extra fast f:1.6 lens. An 11 to 1 shuttle and shutter movement eliminates flicker.

The Filmo 8 Projector cannot scratch or mar your film because the picture area of the film never contacts the mechanism. All film guidance is by the edges of the film and a specially designed shuttle tooth minimizes perforation wear. Fully enclosed gears drive the feed and take-up reels and there are no chains or belts exposed or used. Capacity of the projector is 200 feet of film, enough for a 17 minute show. Complete with lamp, lens, take-up reel and sturdy carrying case.

PH2260—Filmo Model 122-A for 110 volts a.c. or d.c. with 400 watt lamp. **\$118.00**  
YOUR COST..... **\$118.00**  
PH2261 Same as above but with 500 watt lamp.  
YOUR COST..... **\$118.00**  
**BOTH OF ABOVE PROJECTORS SHIPPED POSTPAID IN U.S.A.**

## KODASCOPE 8 MM. PROJECTOR

Model 50



This, the most popular Eastman 8 mm. projector, is a fitting companion for the Cine-Kodak's listed above. Despite its extremely reasonable price it is a very efficient machine and will give unusually good results. A forced draft ventilation system, actuated by a powerful lens, prolongs the life of the projection bulb and keeps the film and mechanism cool.

The bulb employed is a 300 watt projection lamp which together with the fast lens system provides perfect pictures up to 40 inches in size. Like all Eastman products it is built with great precision and each part is fitted and finished with great care. This makes for long satisfactory life.

The model 50 is easy to operate. Practically anyone can thread, frame and focus this machine at the first try. It has a capacity of 200 feet of film and the film is easily rewound by motor. The projector can be operated on either d.c. or a.c. of 110 volts 25 to 60 cycles. The entire machine is beautifully finished in dull black and chrome. All necessary adjustments are provided such as tilting, etc.

PH2220—Kodascope Eight Model 50 Projector complete with 300 watt lamp. List Price \$39.00.  
YOUR COST. **POSTPAID IN U.S.A. \$35.10**  
PH9826—Sturdy carrying case for above. YOUR COST..... **\$3.25**  
PH8125—300 watt G.E. lamp for above. YOUR COST EACH..... **\$2.90**

## NEW UNIVEX 500 watt 8 MM. PROJECTOR

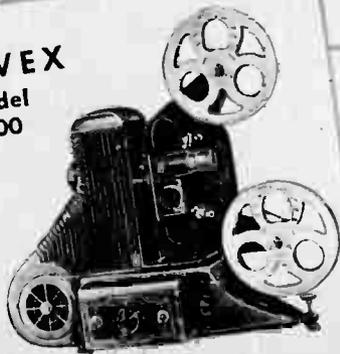
Truly an achievement in 8 mm. home movie projection! Think of it—a large brilliant picture on a screen 5 by 7 feet in size! A powerful 500 watt lamp together with a highly polished reflector and a condensing lens provide the intense light required for such a feat. The projection lens is an ultra fast f:1.6 of 1" focus. Despite this high power lighting system the projector is very cool in operation because of a powerful double inlet fan running in oilless bearings.

The entire frame is of die cast metal assuring perfect alignment and long life. Forced draft cooling permitting still picture projection. The controls provided include a speed control for the motor, a safety master switch, a separate lamp switch, and a pilot lamp socket. The projector is for operation on 105 to 120 volts a.c. or d.c.

PH2252—Univex 500 watt Projector, with lamp and one reel. **\$42.50**  
YOUR COST.....  
PH9803—A De Luxe carrying case for above. **\$5.50**  
YOUR COST.....  
PH8127—500 Watt G.E. lamp for above. **\$3.75**  
YOUR COST EACH.....

**ALL ABOVE ITEMS SHIPPED POSTPAID IN U.S.A.**

## UNIVEX Model P500



**NEW! Irwin Automatic Magazine Loaders**

Incorporate features found only in cameras selling at far higher prices. Automatic magazine loading permits changing from one film, either black-and-white or colored, to another instantly—in daylight. You can expose part of a magazine of color film—then change to black and white—and again to color film. Footage indicator tells you how much film has been used. Sturdy, oilproof motor assures professional-type movies. 190° flag type shutter for clear pictures. 6 diaphragm stops. Anastigmat lenses—two types available: f:4.5 and f:3.5. Sunshade on lens. Built-in view finder.

PH2051—Irwin Imperial 16 mm. Movie Camera with f:4.5 lens. **POSTPAID IN U.S.A. \$19.95**  
YOUR COST.....  
PH2052—Irwin Imperial 16 mm. Movie Camera with f:3.5 lens. **POSTPAID IN U.S.A. \$26.95**  
YOUR COST.....  
Leather Carrying Case for either of the above. **SHIPPED POSTPAID.**  
PH9650—YOUR COST.....\$3.15

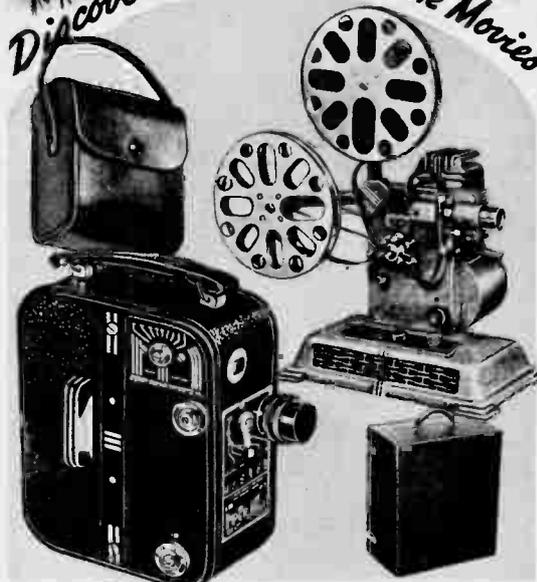
**Irwin 16 MM. Magazine Film**  
Price includes processing and reel. "Orthro" is for daylight use. "Pan" is supersensitive for universal use. Feet "Orthro" EACH "Pan" EACH  
30 PH2810 \$1.09 PH2812 \$1.69  
40 PH2811 1.39 PH2813 1.98

**Irwin Dufaycolor Film**  
Full color film for Irwin and Century cameras. Price includes processing.  
PH2800—30 ft. YOUR COST...\$3.79  
PH2801—40 ft. YOUR COST...\$4.69  
**SHIPPED POSTPAID IN U.S.A.**

**IRWIN CAMERA & PROJECTORS**



*Discover the Fun of Home Movies*



**Century 16 MM. Magazine Movie Camera**

This excellent, low-priced, 16 mm. movie camera (not illustrated) uses the standard Irwin film. Has a fine achromatic lens, built-in view finder, powerful motor, footage indicator. Guaranteed.  
PH2053—YOUR COST. **\$11.79**  
PH9601—Carrying case only. \$1.90

**Special Combination Offer!**  
Century 16 mm. Camera.....\$11.79  
Zephyr 16 mm. Projector.....\$18.95  
Total Value.....\$30.74  
PH2244—Combination **\$26.95**  
YOUR COST SPECIAL  
**ABOVE POSTPAID IN U.S.A.**

**New Zephyr 16 MM. Projector**  
Have 250 watt lamp; condenser lens; precision projection lens; forced draft vent.; concealed A.C. DC motor; variable speed control. With cord, 250 watt bulb and 1 reel.  
PH2241—POSTPAID **\$18.95**  
YOUR COST.....  
PH1972—F:2.5 2" lens for more brilliant projection. EACH.....\$5.49  
PH1973—F:2 1" lens for large picture projection. EACH.....\$6.95  
PH8131—250 watt bulb only.....\$1.49  
PH9801—Carrying case.....\$5.79

**8 MM. Irwin Zephyr**

An 8 mm. projector similar to PH2241 but for 8 mm. film. 250 watt lamp. For 110 volts A.C. or D.C.  
PH2240—POSTPAID. **\$18.95**  
YOUR COST.....  
PH1974—F:2 1" projections lens for brighter 8 mm. projection.....\$5.49  
PH8131—250 W. Bulb only.....\$1.49  
PH9801—Carrying case.....\$5.79

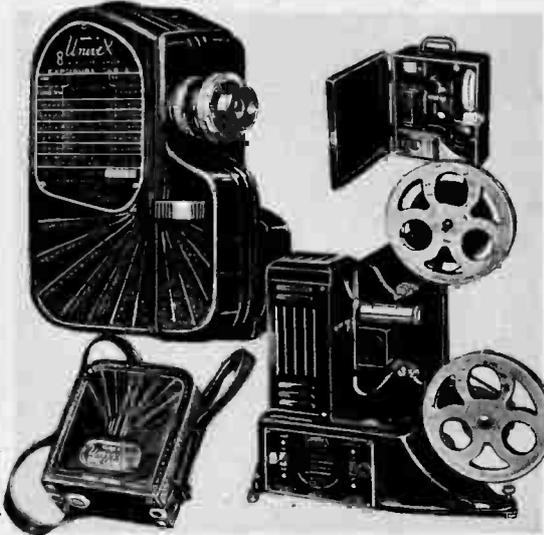
**Univex CAMERA**

**"World's Fair" Model**

- ★ New Faster F:4.5 Lens
- ★ Built-in Optical View Finder
- ★ Snaplock Hinged Cover

Now a new and vastly improved model of this famous camera, with a faster f:4.5 lens with sun shade in interchangeable lens mount. The motor is newer, more powerful, and quiet running. Excellent for use indoors with photo floods. New built-in optical view finder insures accurate alignment of subjects. Special shutter automatically compensates for sky glare and always stops in closed position. New powerful quiet-running motor. Interchangeable lens mount. Hinged cover with self-locking catch. Attractively finished in antique bronze with chromium trim. Uses low priced Univex film.

PH2002—Univex Camera with f:4.5 lens. **POSTPAID IN U.S.A. ONLY.**  
YOUR COST.....  
PH2004—Univex Camera with Wollensak f:3.5 Anastigmat Lens. **POSTPAID IN U.S.A. \$21.50**  
YOUR COST.....  
PH9689—Eveready Carrying Case for either of the above. Includes shoulder strap. Shpg. wt. 2 lbs.  
YOUR COST.....\$1.89



**UNIVEX 8 MM. MOVIE FILM**

Standard (orthochromatic) and Ultra-Pan (panchromatic) film is put up in spools of 30 feet for daylight loading. **PRICES INCLUDE FREE PROCESSING AT ANY UNIVEX LABORATORY.**  
PH2825—Standard.....**63¢** PH2826—Ultra-Pan.....**86¢**

**and PROJECTOR**

**NEW! Improved 8 mm. Motion Picture Projectors**

**AC Model P-8**

This exceptional Univex Cine "8" projector is a worthy companion to the Univex Cine camera at left. Will project ALL 8 mm. film, including color film and professionally made movies which may be bought or rented. Among its features are: f:3, 1" focus lens; forced draft cooling; automatic rewind; separate switch for motor and lamp; manual framer; tilt device; easy to thread; quiet in operation; fully guaranteed. Steady, flickerless movies.  
PH2250—Model P-8 (A.C.). Shpg. wt. 14 lbs.  
YOUR COST.....**\$14.59**

**AC-DC Model PU-8**

PH2251—Similar to above, but operates on 110-120 volts, A.C. or D.C. Wt. 14 lbs.  
YOUR COST.....**\$17.59**

PH9802—Sturdy carrying case for either model above, with compartment for reels and accessories for projection. Shpg. wt. 4 lbs.  
YOUR COST.....  
EACH.....**\$2.69**



**Univex Projection Lenses**

Especially recommended for extra brilliance, large images and the showing of color film.

- 1" f:3 Standard Lens  
PH1967—For normal use. **\$1.20**  
POSTPAID IN U.S.A. ONLY.....
- 1" f:2 Hi-Lux Lens  
PH1968—For maximum brilliance and large images in a large room. **\$4.95**  
YOUR COST.....  
POSTPAID IN U.S.A. ONLY.....
- 3/4" f:1.65 Hi-Lux Lens  
PH1969—For large brilliant images in a small room. Especially fine for color film. **\$5.95**  
YOUR COST.....  
POSTPAID IN U.S.A. ONLY.....



**Univex Projection Lamps**

High quality projection lamps for replacement purposes. Have pre-focused filament with special base.

- PH8135—Standard Lamp for Model P-8 Projector. **50¢**  
YOUR COST.....
- PH8136—High Intensity Lamp for P-8 Projector. **60¢**  
YOUR COST.....
- PH8137—Standard 125 watt Lamp for Model PU-8 Projector. **\$1.50**  
YOUR COST.....
- PH8138—High Intensity Lamp for PU-8 Projector. **\$1.95**  
YOUR COST.....  
ALL SHIPPED POSTPAID IN U.S.A.



**Univex Film Viewer and Editor**

No film is in proper shape to be shown to your friends until it has been edited. This unique viewer and editor is used in conjunction with your projector and provides a bright or power. Compact and easy to operate. Can be attached to or detached from your projector in a moment.

PH2441—YOUR COST  
POSTPAID IN U.S.A. ONLY.....**\$1.95**

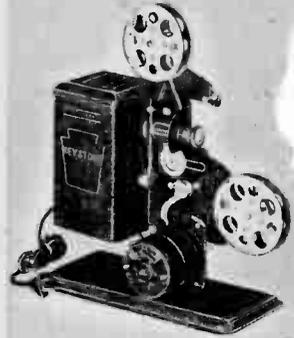
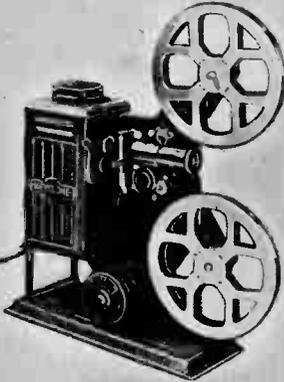
# KEYSTONE JUNIOR PROJECTORS

## Model E-848 16mm Projector

Has a capacity of 200-feet of film and will present a 15-minute show. Provided with a universal motor that operates on 110 volts a.c. or d.c. Features include: ventilating system from motor through to lamphouse; furnished with two 200-ft. reels; advance take-up sprockets; three-color attachment; 135-watt concentrated filament bulb supplied; provision for angle projection; motor rewind. Furnished with underwriters' approved cord and plug set. Motor has speed control lever. Color corrected flare shaped lens throws a sharp picture. Shpg. wt. 12 lbs. PH2206—  
**YOUR COST ..... \$7.45**

## Model E-8 8mm Projector

This efficient model will please the most critical home movie devotee. It provides brilliant, sharp pictures and incorporates the following features: universal a.c.-d.c. 110 volt motor with built-in speed control rheostat; two 200-ft. reels furnished; will provide a 15-minute show; advance speed take-up sprockets; three color attachment; bell-shaped flare lens, color corrected; with 135-watt concentrated filament bulb; motor rewind to top spool; efficient ventilation; nickle-plated carrying handle. With approved type attached cord and plug set. Shpg. wt. 12 lbs. PH2203—  
**YOUR COST ..... \$8.89**



### CRAIG Editing Outfit

Combination Craig 8 and 16 millimeter splicer and rewind outfit, consists of the newest type splicer adapted for use of both sizes of home movie film. Pins are accurately set at factory, so that there is no light or dark line between the frames. Adequate bonding area insures a strong splice. Sturdy geared high speed rewinds. Mounted on 21-inch board, with bottle of cement and water bottle. Shpg. wt. 6 lbs. PH2440—List \$7.50. **YOUR COST ..... \$6.69**

### CRAIG Splicing Kit

Contains everything necessary for a strong, perfect splicing job. Sturdily constructed. Mounted on a heavy wood base 5-15/16" wide by 5-15/16" deep. Furnished with one bottle of Craig safety film cement, one water bottle and scraping tool. For both 8 and 16 millimeter films. Shpg. wt. 3 lbs. List \$2.50. PH2423—**YOUR COST ..... \$2.19**



### CRAIG Senior Combination

Comprised of the Senior rewinds and Senior Splicer mounted on a 32" laminated board. Makes professional splices; provides for cutting, scraping and splicing. Once film is inserted, it is not touched until after the splice is finished. Metal parts beautifully finished in nickel plate. Full instructions furnished. For both 8 and 16 millimeter films. Less reels. Shpg. wt. 4 lbs. List Price \$19.50. PH2421—  
**YOUR COST ..... \$16.95**

### EXCEL Rewind

Steel, geared type rewinds with black wrinkle finish. Holds 8 or 16mm reels up to 400 ft. cap. Wt. 3 lbs. PH2425—  
**Pair ..... \$1.20**



### Crystal Beaded Movie Screen



A practical, easy to handle crystal beaded screen. Absolutely no halation in front or at the sides. Reflects four times the light of a diffusive screen within an angle of 25 degrees. Roller type, in a sturdy wood base. Has metal post support. Crystal beaded surface is 30" x 40". Shpg. wt. 8 lbs. \$4.49  
PH2753—**YOUR COST ..... \$4.49**

### Special Silver Screen

Well suited for showing both black and white or full color films. Dimensions: 24" x 36". Sets up instantly. Held taut by a spring wire easel. Shpg. wt. 5 lbs. PH2754—  
**YOUR COST ..... \$1.79**

### GENERAL ELECTRIC 115 V. Projection Lamps

Finest available lamps for projectors. Highly efficient, long life and precision construction are inherent characteristics. Each lamp pre-tested before shipment. Operate on 115 volts.

**NOTE: 15% Discount from prices shown below when ordered in lots of 2 or more lamps.**

PH8130—200 Watt Prefocus. For Ampro, Keystone A, A72, A-74, B-63, D59. **\$2.20**  
YOUR COST EACH .....  
PH8125—300 Watt Prefocus. For Kodascope 50, EE, E, L, K; Keystone L-8, A-74, A-72, B-63 and A-81. **\$2.90**  
YOUR COST EACH .....  
PH8126—300 Watt. For Keystone M-8. **\$2.90**  
YOUR COST EACH .....  
PH8127—500 Watt. Medium Prefocus. For Keystone R-8, A-78, A-81; Kodak E, EE, G, L, K-50. **\$3.75**  
YOUR COST EACH .....  
PH8128—750 Watt Prefocus. For Keystone A-81; Kodascope EE, E, G, L, K-50. **\$4.50**  
YOUR COST EACH .....



### KEYSTONE Editing Outfit

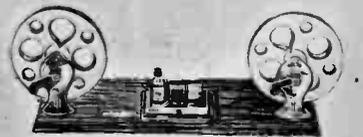
Provides sharply focused brilliant image in viewer. Viewer mounted on swivel for moving out of position for splicing. For use with both 8 and 16 millimeter film. Has two geared rewinders mounted on hardwood base. Comes complete with bottle of film cement and water bottle. Complete with cord and plug for use on 110 volts, a.c. or d.c. 2 1/2" wide, 5 1/2" deep, 8" high. Shpg. wt. 8 lbs. PH2442—**YOUR COST ..... \$6.69**

### KEYSTONE Splicing Kit

An all-metal durable splicer, water bottle, bottle of film cement, scraper and cutter for 8 or 16mm films. Shpg. wt. 2 lbs. **89c**  
PH2422—**YOUR COST .....**

### Film Cement

Handy 1-ounce bottle of tested film cement. Makes a secure positive joint every time. Fast drying. PH2460—**YOUR COST ..... 19c**



### SEEMANN "Splicemaster" For 8 and 16mm Reels

The popular Seemann splicer and pair of geared rewinds assembled, ready for use, on attractive cushioned baseboard, elevated for "drawing board" comfort. Splicer makes clean, efficient splices easily, and accommodates both 8 and 16 millimeter films. Pins accurately set so that there is no light or dark line between the frames. Complete with bottle of film cement and instructions. Less reels. Shpg. wt. 4 lbs. **\$5.85**  
PH2426—**YOUR COST .....**

### SEEMANN Rewind

For all 8 and 16 millimeter reels. Sturdy all-metal construction, attractive bright nickel finish. Have Tenite knobs and accurately machined gears. Shpg. wt. 3 lbs. PH2424—  
**YOUR COST, Per Pair ..... \$3.19**

# Home Movie Subjects

WE offer here an outstanding list of film favorites that deserve an honorable place in every library of worthwhile films.

## POPULAR CARTOONS

### Popeye the Sailor

16 mm.	Title	8 mm.
100 Ft.		50 Ft.
PH4201	King of the Jungle	PH4200
PH4203	Popeye the Champ	PH4202
PH4205	The Lumberjack	PH4204
PH4207	Indian Fighter	PH4206
PH4209	Hunting a Wife	PH4208

## WALT DISNEY CARTOONS

### Donald Duck in

PH4231	Ham Actor	PH4230
PH4233	Getting the Hook	PH4232
PH4235	The Auto Mechanic	PH4234

### Mickey Mouse in

PH4257	Mickey's Olympic Games	PH4256
PH4259	Mickey Goes Hunting	PH4258
PH4261	The Dog Catcher	PH4260
PH4263	Mickey Goes Courting	PH4262
Any 16 mm. 100-Ft. Roll.		\$2.69
Listed Above. YOUR COST.....		\$1.19
Any 8 mm. 50-Ft. Roll.		
Listed Above. YOUR COST.....		

### Charlie Chaplin Movies

16 mm.	Title	8 mm.
100 Ft.		50 Ft.
PH4281	The Knockout	PH4280
PH4283	In Society	PH4282
PH4285	Leads the Band	PH4284
Any 16 mm. 100-Ft. Roll.		\$1.59
Listed Above. YOUR COST.....		89¢
Any 8 mm. 50-Ft. Roll.		
Listed Above. YOUR COST.....		

**NOTE:** Films cannot be returned for credit or exchange.

## Popular CASTLE Films Terry-Toon Cartoons

**BEANSTALK JACK:** Jack climbs the magic stalk and wins the battle with the giant. PH4141-8 mm. 50-ft. PH4140-16 mm. 100-ft.  
**GRAND UPROAR:** What happens when the audience at the opera takes a hand. PH4143-8 mm. 50-ft. PH4142-16 mm. 100-ft.  
**HOLLAND DAYS:** Farmer Al has a load of trouble with pesky mice on a boatload of cheese. PH4145-8 mm. 50-ft. PH4144-16 mm. 100-ft.  
**JUST A CLOWN:** Laugh at the funny folk in the circus. PH4147-8 mm. 50-ft. PH4146-16 mm. 100-ft.  
**PANDORA:** What happens when a naughty child opens the magic box. PH4149-8 mm. 50-ft. PH4148-16 mm. 100-ft.  
**RIP VAN WINKLE:** Sleepy Rip and his adventures with the mountain boys. PH4151-8 mm. 50-ft. PH4150-16 mm. 100-ft.

## SEE (Authentic News)

Issue No. 3: Looping the Loop; Embryo Pavlowas; Amphibian Boat, etc. PH4123-8 mm. 50-ft. PH4122-16 mm. 100-ft.  
 Issue No. 4: Super Tanks in Action; Barrel of Monkeys; Motorless Flying, etc. PH4125-8 mm. 50-ft. PH4124-16 mm. 100-ft.  
 Issue No. 5: Lions in the Jungle; Motorcycle Daredevils; Fury of the Sea, etc. PH4127-8 mm. 50-ft. PH4126-16 mm. 100-ft.  
 Special- San Francisco World's Fair. PH4159-8 mm. 50-ft. PH4158-16 mm. 100-ft.  
 Special- Pope Pius XII Coronation. PH4161-8 mm. 50-ft. PH4160-16 mm. 100-ft.  
 All 8 mm. 50-ft. Reels Above. \$1.59  
 YOUR COST EACH.....  
 All 16 mm. 100-ft. Reels Above. \$3.35  
 YOUR COST EACH.....

## Thrilling Sport Subjects

16 mm.	Title	8 mm.
100-Ft.		50 Ft.
PH4138	Sport Parade	PH4139
PH4128	Water Sports	PH4129
PH4130	Horses	PH4131
PH4132	Snow Thrills	PH4133
PH4134	Big Fish	PH4135
PH4136	Camera Thrills in Wildest Africa	PH4137

## World Parade (Geographic)

PH4154	New York	PH4155
PH4102	Venice the Magnificent	PH4103
PH4104	Exotic Egypt	PH4105
PH4106	Paris the Beautiful	PH4107
PH4108	London	PH4109
PH4110	America's High Spots	PH4111
PH4112	Canada's High Spots	PH4113
PH4114	Rome (Italy)	PH4115
PH4116	Hawaii	PH4117
PH4118	Sahara	PH4119
PH4120	A Day at the Zoo	PH4121
PH4100	News Parade, 1938	PH4101
All 8 mm. 50-ft. Reels Above.		\$1.59
YOUR COST EACH.....		
All 16 mm. 100-ft. Reels Above.		\$3.35
YOUR COST EACH.....		

## Special Full Length Shows

All 8 mm. 50-ft. reels listed above are available in 180-ft. lengths.  
 PER REEL..... \$5.39  
 YOUR COST.....  
 All 16 mm. reels listed above are available in 360-ft. lengths.  
 PER REEL..... \$8.59  
 YOUR COST.....

## Full Length Shows WITH SOUND

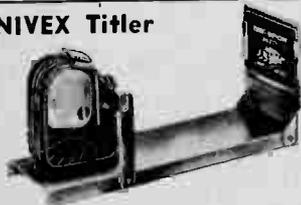
All 16 mm. reels above are available in 350-ft. lengths with SOUND \$16.95  
 YOUR COST, Per Reel.....



**CINE-KODAK  
Titler**

Makes professional looking titles. Easy to use. After completing your title card, place it in the titler's easel, properly lighted by daylight or photofloods. The titler's auxiliary lens brings the standard lens into focus on the card. Titler comes with sturdy easel, lens mount, 100 title cards and instruction book. For all 8 or 16 mm. Cine Kodaks. Wt. 4 lbs. PH2407-  
 YOUR COST..... \$5.59

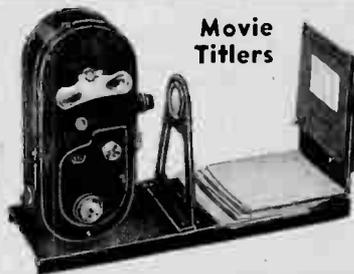
## UNIVEX Titler



Designed for use with the UniveX "8" (8 millimeter) camera. Sturdy all-metal construction - practically indestructible. Furnished complete with a silver pencil for writing titles and 12 black cards. Cards fit into easel; use bright daylight or photoflood lamps. SHIPPED POSTPAID IN U.S.A. PH2410-  
 YOUR COST..... \$2.50

## "How To Make Movies"

48 page UniveX book for amateur and expert. Complete details on 8 mm. movie making. SHIPPED POSTPAID IN U.S.A. PH5007-YOUR COST..... 25¢



**Movie  
Titlers**

A well made titler at a very reasonable price that will make good sharp titles of professional quality. All required equipment is included with each model, including title cards and alignment mask. Any type of lighting may be employed such as mazda, photoflood or bright daylight. All-metal construction, crystalline finish. With instructions. Shpg. wt. 4 lbs.  
 PH2408 For 16 mm. Keystone Cameras  
 PH2409 For 8 mm. Keystone  
 PH2416 For B & H dble. 8 mm. \$3.39  
 YOUR COST EACH.....  
 PH2415 For Bell & Howell 16 mm.  
 PH2413 For Kodak 16 mm.  
 PH2414 For Kodak 8 mm. \$4.95  
 YOUR COST EACH.....

## EASTMAN KODAK 16 MM. Movie Film Enlarger



### ★ Makes Large Negatives of 16 mm. Movie Frames

Large negatives (2 1/2 x 4 1/4") from any single frame of 16 mm. black and white or Kodachrome movie film. These enlarged negatives can then be used to make prints at snapshot cost. Uses No. 616 film. With instruct'n. PH2510-List \$15.00.  
 YOUR COST \$13.50  
 Postpaid in U. S. A.

## Title Board Sets



A simple, inexpensive means for producing clean, sharp titles for home movies. Enables you to make easy reading titles with a minimum of effort. Set contains a 9x12" board with parallel grooves covered with black felt and 100 double wing 1/2" celluloid letters that fit into the grooves. Also contains alphabet compartment box and directions. Shpg. wt. 3 lbs. PH2412-YOUR COST..... \$2.98  
 Similar to above, but contains: 9x12" board. 104 1/2" metal letters, centering board, alphabet compartment box and full directions. Shpg. wt. 2 lbs. PH2404-YOUR COST..... \$5.79

Similar to above sets, but contains: 183 3/4" white felt letters 15 die-cut silhouettes, one 14x18" background, centering board, tweezers and alphabet box. Full directions. Shpg. wt. 2 lbs. PH2405-YOUR COST..... \$2.89

Similar to above sets, but contains: 100 1 7/8" wood letters in two boxes and directions. Shpg. wt. 3 lbs. PH2406-YOUR COST..... \$1.95

## IRIS CONTROL

For fade-in and fade-out effects. Fits over diaphragm adjustment ring of almost all 8 mm. and 16 mm. cameras. PH2461-YOUR COST..... \$49¢

# DEFENDER "Velour Black" Printing Papers

Defender "Velour Black" has been, and is, a top ranking favorite with Salon exhibitors throughout the world. The distinction between varieties is necessarily delicate. Difference between Semi-Matt and Platinum Luster is that the paper grain shows through the sheen of the latter. In Velvet Grain Luster the sheen is softer and

the paper grain less in evidence. Next is Matt (and Smooth Matt) and last, Rough Matt. Veltex is like fine bank bond paper. "Silk" is a special surface obtained by embossing the paper with dies. Defender Velour Black papers are widely known for their quality and uniformity. They all have wide exposure and processing latitude.

## DOUBLE WEIGHT PAPERS

Surface and Color	Grade	5 x 7"		8 x 10"		11 x 14"
		1 Dozen	1/2 Gross	1 Dozen	1/2 Gross	1 Dozen
White Glossy	Soft	PH5320	PH5325	PH5390	PH5395	
White Glossy	Normal	PH5321	PH5326	PH5391	PH5396	PH6141
White Glossy	Medium Hard	PH5322	PH5327	PH5392	PH5397	PH6142
White Glossy	Contrast	PH5323	PH5328	PH5393	PH5398	
Semi-Matte White	Soft	PH5340	PH5345	PH5410	PH5415	
Semi-Matte White	Normal	PH5341	PH5346	PH5411	PH5416	PH6151
Semi-Matte White	Medium Hard	PH5342	PH5347	PH5412	PH5417	PH6152
Semi-Matte White	Contrast	PH5343	PH5348	PH5413	PH5418	
Platinum Luster White	Normal	PH6300	PH6301	PH5440	PH5445	PH6210
Platinum Luster Buff	Normal	PH6302	PH6303	PH5450	PH5453	PH6212
Velvet Grain Luster White	Soft	PH5350	PH5355	PH5420	PH5425	
Velvet Grain Luster White	Normal	PH5351	PH5356	PH5421	PH5426	PH6161
Velvet Grain Luster White	Medium Hard	PH5352	PH5357	PH5422	PH5427	PH6162
Velvet Grain Luster White	Contrast	PH5353	PH5358	PH5423	PH5428	
Velvet Grain Luster Buff	Soft	PH5360	PH5365	PH5430	PH5435	
Velvet Grain Luster Buff	Normal	PH5361	PH5366	PH5431	PH5436	PH6171
Velvet Grain Luster Buff	Medium Hard	PH5362	PH5367	PH5432	PH5437	PH6172
Velvet Grain Luster Buff	Contrast	PH5363	PH5368	PH5433	PH5438	
Velvet Grain Matt White	Normal	PH6304	PH6305	PH5456	PH5459	PH6214
Rough Luster White	Normal	PH6305	PH6307	PH5462	PH5465	PH6216
Rough Luster Light Buff	Normal	PH6308	PH6309	PH5468	PH5471	PH6218
Smooth Matt Buff	Normal	PH6310	PH6311	PH5474	PH5477	PH6220
Matt White	Soft	PH5330	PH5335	PH5400	PH5405	
Matt White	Normal	PH5331	PH5336	PH5401	PH5406	PH6181
Matt White	Medium Hard	PH5332	PH5337	PH5402	PH5407	PH6182
Matt White	Contrast	PH5333	PH5338	PH5403	PH5408	
Platinum Matt White	Normal	PH6312	PH6313	PH5480	PH5483	PH6224
Platinum Matt Buff	Normal	PH6314	PH6315	PH5486	PH5489	PH6222
Rough Matt White	Normal	PH6316	PH6321	PH5492	PH5495	PH6190
Rough Matt Light Buff	Normal	PH6326	PH6327	PH5500	PH5503	PH6226
Silk, White	Soft	PH6328	PH6333	PH5506	PH5511	
Silk, White	Normal	PH6329	PH6334	PH5507	PH5512	PH6201
Silk, White	Medium Hard	PH6330	PH6335	PH5508	PH5513	PH6202
Silk, White	Contrast	PH6331	PH6336	PH5509	PH5514	

YOUR COST EACH PACKAGE

**38¢ \*1.76 81¢ \*3.96 \*1.49**

### AGFA CONVIRA Contact Paper (Single Wt.)

Equally famous as a contact paper, as Brovird is as an enlarging paper, Convira provides exceptional results with wide exposure and developing latitude. It is available in 4 degrees of contrast; No. 1 for contrasty negatives, No. 2 for average negatives, No. 3 and No. 4 for flat negatives.

Glossy		2 1/2 x 3 1/2"		Velvet	
2 Doz.	Gross	Grade	2 Doz.	Gross	
PH7301	PH7307	1	PH7313	PH7319	
PH7302	PH7308	2	PH7314	PH7320	
PH7303	PH7309	3	PH7315	PH7321	
PH7304	PH7310	4	PH7316	PH7322	
2 Dozen.		Gross.		YOUR COST.	
YOUR COST... 18¢		Gross.		YOUR COST... 63¢	

Glossy		2 1/2 x 4 1/2"		Velvet	
2 Doz.	Gross	Grade	2 Doz.	Gross	
PH7325	PH7331	1	PH7337	PH7343	
PH7326	PH7332	2	PH7338	PH7344	
PH7327	PH7333	3	PH7339	PH7345	
PH7328	PH7334	4	PH7340	PH7346	
2 Dozen.		Gross.		YOUR COST.	
YOUR COST... 22¢		Gross.		YOUR COST... 81¢	

Glossy		3 1/2 x 4 1/2"		Velvet	
2 Doz.	Gross	Grade	2 Doz.	Gross	
PH7349	PH7355	1	PH7361	PH7367	
PH7350	PH7356	2	PH7362	PH7368	
PH7351	PH7357	3	PH7363	PH7369	
PH7352	PH7358	4	PH7364	PH7370	
2 Dozen.		Gross.		YOUR COST.	
YOUR COST... 22¢		Gross.		YOUR COST... 99¢	

Glossy		3 1/2 x 5 1/2"		Velvet	
2 Doz.	Gross	Grade	2 Doz.	Gross	
PH7373	PH7379	1	PH7385	PH7391	
PH7374	PH7380	2	PH7386	PH7392	
PH7375	PH7381	3	PH7387	PH7393	
PH7376	PH7382	4	PH7388	PH7394	
2 Dozen.		Gross.		YOUR COST.	
YOUR COST... 22¢		Gross.		YOUR COST... \$1.12	

Glossy		5x7"		Velvet	
1 Doz.	1/2 Gross	Grade	1 Doz.	1/2 Gross	
PH7397	PH7403	1	PH7409	PH7415	
PH7398	PH7404	2	PH7410	PH7416	
PH7399	PH7405	3	PH7411	PH7417	
PH7400	PH7406	4	PH7412	PH7418	
Any Dozen Package Above.		YOUR COST EACH...		22¢	
Any 1/2 Gross Package Above.		YOUR COST EACH...		\$1.12	

### 5x7" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5300	PH5305	Glossy	Soft
PH5301	PH5306	"	Normal
PH5303	PH5308	"	Med. Hard
PH5302	PH5307	"	Contrast
PH5310	PH5315	Semi-Matt	Soft
PH5311	PH5316	"	Normal
PH5313	PH5318	"	Med. Hard
PH5312	PH5317	"	Contrast
PH6296	PH6297	White Veltex	Normal
PH6298	PH6299	White Matt	Normal
Any Dozen Package Above.		YOUR COST EACH... 30¢	
Any 1/2 Gross Package Above.		YOUR COST EACH... \$1.39	

### 8x10" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5370	PH5375	Glossy	Soft
PH5371	PH5376	"	Normal
PH5373	PH5378	"	Med. Hard
PH5372	PH5377	"	Contrast
PH5380	PH5385	Semi-Matt	Soft
PH5381	PH5386	"	Normal
PH5383	PH5388	"	Med. Hard
PH5382	PH5387	"	Contrast
PH5516	PH5519	White Veltex	Normal
PH5522	PH5527	White Matt	Normal
Any Dozen Package Above.		YOUR COST EACH... 64¢	
Any 1/2 Gross Package Above.		YOUR COST EACH... \$3.16	

### 11x14" Single Weight

1 Doz.	Surface	Grade
PH6101	Glossy	Normal
PH6102	"	Medium Hard
PH6111	Semi-Matt	Normal
PH6112	"	Medium Hard
PH6120	White Veltex	Normal
PH6130	White Matt	Normal
Any Dozen Package Above.		YOUR COST EACH... \$1.26

### E-K VELOX Contact Paper

Eastman-Kodak Velox paper has been acknowledged the finest contact printing paper by all who know fine printing papers. Available in four grades, No. 1 for "hard" negatives, No. 2 for average, No. 3 for thin negatives and No. 4 for extremely flat negatives. Superior results on all grades. All below SHIPPED POSTPAID.

Glossy		2 1/2 x 3 1/2"		Velvet	
2 Doz.	Gross	Grade	2 Doz.	Gross	
PH7014	PH7021	1	PH7024	PH7031	
PH7015	PH7018	2	PH7025	PH7028	
PH7016	PH7019	3	PH7026	PH7029	
PH7017	PH7020	4	PH7027	PH7030	
2 Dozen.		Gross.		YOUR COST.	
YOUR COST... 17¢		Gross.		YOUR COST... 57¢	

Glossy		2 1/2 x 4 1/2"		Velvet	
2 Doz.	Gross	Grade	2 Doz.	Gross	
PH7034	PH7041	1	PH7044	PH7051	
PH7035	PH7038	2	PH7045	PH7048	
PH7036	PH7039	3	PH7046	PH7049	
PH7037	PH7040	4	PH7047	PH7050	
2 Dozen.		Gross.		YOUR COST.	
YOUR COST... 21¢		Gross.		YOUR COST... 76¢	

Glossy		3 1/2 x 4 1/2"		Velvet	
2 Doz.	Gross	Grade	2 Doz.	Gross	
PH7054	PH7061	1	PH7064	PH7071	
PH7055	PH7058	2	PH7065	PH7068	
PH7056	PH7059	3	PH7066	PH7069	
PH7057	PH7060	4	PH7067	PH7070	
2 Dozen.		Gross.		YOUR COST.	
YOUR COST... 21¢		Gross.		YOUR COST... 89¢	

Glossy		3 1/2 x 5 1/2"		Velvet	
2 Doz.	Gross	Grade	2 Doz.	Gross	
PH7074	PH7081	1	PH7084	PH7091	
PH7075	PH7078	2	PH7085	PH7088	
PH7076	PH7079	3	PH7086	PH7089	
PH7077	PH7080	4	PH7087	PH7090	
2 Dozen.		Gross.		YOUR COST.	
YOUR COST... 21¢		Gross.		YOUR COST... 95¢	

Glossy		5x7"		Velvet	
1 Doz.	1/2 Gross	Grade	1 Doz.	1/2 Gross	
PH7094	PH7101	1	PH7104	PH7111	
PH7095	PH7098	2	PH7105	PH7108	
PH7096	PH7099	3	PH7106	PH7109	
PH7097	PH7100	4	PH7107	PH7110	
Any Dozen Package Above.		YOUR COST EACH...		21¢	
Any 1/2 Gross Package Above.		YOUR COST EACH...		95¢	



# Lafayette CAMERA CORPORATION

Mail Your Orders to Warehouses at:

**NEW YORK, N. Y.**  
100 Sixth Ave. Phone: WAlker 5-8883

**CHICAGO, ILL.**  
901 W. Jackson Blvd. Phone: HAYmarket 0422

**ATLANTA, GA.**  
265 Peachtree St. Phone: WAlnut 5140

Local Sales and Display Rooms at:

**NEWARK, N. J.**  
219 Central Ave. Phone: MArkEt 2-1661

**BRONX, N. Y.**  
542 E. Fordham Road Phone: RAYmond 9-8813

**JAMAICA, L. I.**  
90-08 166th St. (Merrick Rd.) Phone: RERublic 9-4242

**BOSTON, MASS.**  
110 Federal St. Phone: HUBbard 0474

## HOW TO ORDER

Use our convenient order blank (additional blanks sent on request). Please write in ink, legibly, and not more than ONE item to a line. Make sure you write the exact stock number and that the price is the one quoted for the item you want. Specify how we shall make shipment by checking the preferred square "Parcel Post", "Express", etc. We shall follow your instructions, but will change them wherever we are sure that such a change is to your better interest. Please keep all correspondence or remarks relative to your order on a separate sheet of paper. Make sure you include sufficient postage; all overpayments promptly refunded (if overpayment is under 10¢, we will credit your account).

## DOMESTIC ORDERS

We buy for cash and sell for cash; this explains our low price policy. We do not carry credit accounts, and we pass on to our customers all savings affected by the elimination of costly bookkeeping. We will ship C.O.D. if desired, providing a deposit of at least 20% accompanies your order. C.O.D. parcels may be shipped ONLY to places in the 48 states of the U.S. and to U.S. territories. On small orders, remittance in full saves you extra collection costs.

## 2% TRANSPORTATION ALLOWANCE

On all orders for \$25.00 or more, we allow you to deduct 2% from the total as transportation allowance. Do not split your orders; take advantage of this allowance and save money.

## RETURNING MERCHANDISE

If you find it necessary to return any merchandise for adjustments, please write in advance stating the following: reason for return—when and where purchased—number of sales slip (if purchased over the counter). If your shipment is received damaged, obtain a report from the postmaster or express agent and mail it to us. Use a separate sheet of paper for all adjustment matter; do not add remarks to a new order for parts. Do not include money in the package you return. When returning merchandise, pack carefully, insure, and write your name and address on all packages and letters before returning to us.

## FINAL PRICES

Prices shown in this catalog are net, and except where marked POSTPAID, do not include postage. All discounts have been deducted, including 2% discounts for cash. Prices are subject to change without notice; we give customers the benefit of all reductions taking place after the catalog is published.

## POSTPAID ITEMS

Items marked "Shipped Postpaid" do not require postage. Please note that Postpaid items refer only to shipments made within the 48 states of the U. S. only (does not include U. S. possessions).

## SENDING MONEY

The safest and best way to send money is by: postal express; telegraph money order; bank drafts; firm checks; stamps. Do not send cash. If absolutely necessary to remit cash, send by registered mail only. Do not hesitate to include sufficient postage; over-payments are promptly refunded.

## PARCEL POST RATES FOR ALL ZONES

Parcels up to 8 ounces may be shipped anywhere in the United States for 6¢. Parcel post shipments to any zone must not exceed 70 pounds. The limit of size on all parcel post packages is 100 inches in length and girth combined, at widest point. Example: a package 35 in. long, 10 in. wide and 5 in. high measures 65 in. in length and girth combined (length 35 in., plus twice 10 in. width, plus twice 5 in. height, equals 65 in.).

Weight In Pounds	ZONES							
	First Up to 50 Mi.	Second 50 to 150 Mi.	Third 150 to 300 Mi.	Fourth 300 to 600 Mi.	Fifth 600 to 1000 Mi.	Sixth 1000 to 1400 Mi.	Seventh 1400 to 1800 Mi.	Eighth Over 1800 Mi.
1	\$.09	\$.08	\$.09	\$.10	\$.11	\$.12	\$.14	\$.15
2	.10	.10	.11	.14	.17	.19	.23	.26
3	.11	.11	.13	.17	.22	.26	.32	.37
4	.12	.12	.15	.21	.27	.33	.41	.48
5	.13	.13	.17	.24	.33	.40	.50	.59
6	.14	.14	.19	.28	.38	.47	.59	.70
7	.15	.15	.21	.31	.43	.54	.68	.81
8	.16	.16	.23	.35	.49	.61	.77	.92
9	.17	.17	.25	.38	.54	.68	.86	1.03
10	.18	.18	.27	.42	.59	.75	.95	1.14
11	.19	.19	.29	.45	.64	.82	1.04	1.25
12	.21	.21	.31	.49	.70	.89	1.13	1.36
13	.22	.22	.33	.52	.75	.96	1.22	1.47
14	.23	.23	.35	.56	.80	1.03	1.31	1.58
15	.24	.24	.37	.59	.86	1.10	1.40	1.69
16	.25	.25	.39	.63	.91	1.17	1.49	1.80
17	.26	.26	.41	.66	.96	1.24	1.58	1.91
18	.27	.27	.43	.70	1.02	1.31	1.67	2.02
19	.28	.28	.45	.73	1.07	1.38	1.76	2.13
20	.29	.29	.47	.77	1.12	1.45	1.85	2.24
For Each Added lb. Add	1¢	1¢	2¢	3½¢	5¢	7¢	9¢	11¢

## EXPRESS CHARGES

Express charges are also determined by the weight of the shipment and distance of the consignee from shipper. The following chart enables you to estimate charges.

Maximum Distance in miles	50 Mi.	150 Mi.	300 Mi.	500 Mi.	750 Mi.	1000 Mi.	1500 Mi.	2000 Mi.
cost up to 5 lb.	\$0.39	\$0.41	\$0.45	\$0.48	\$0.52	\$0.56	\$0.66	\$0.76
" " 10 lbs.	.43	.48	.56	.62	.69	.76	.98	1.16
" " 15 lbs.	.47	.54	.66	.75	.86	.97	1.29	1.57
" " 20 lbs.	.51	.61	.77	.89	1.03	1.18	1.61	1.98
" " 25 lbs.	.55	.67	.87	1.02	1.20	1.35	1.93	2.39
" " 35 lbs.	.63	.80	1.08	1.29	1.54	1.79	2.56	3.20
" " 45 lbs.	.71	.93	1.29	1.56	1.88	2.21	3.19	4.02
" " 55 lbs.	.79	1.06	1.50	1.83	2.22	2.62	3.82	4.83
" " 75 lbs.	.95	1.32	1.92	2.37	2.90	3.44	5.08	6.46
" " 95 lbs.	1.11	1.58	2.34	2.91	3.58	4.26	6.33	8.09
For Ea. 100 lbs.	1.15	1.65	2.45	3.05	3.75	4.47	6.65	8.50

## INSURANCE

Parcel post insurance rates are: 5¢ for parcels up to \$5.00; 10¢ for parcels from \$5.00 to \$25.00; 15¢ for parcels from \$25.00 to \$50.00; 25¢ for parcels from \$50 to \$100.00. After \$100.00 the charge for each additional \$50.00 is 5¢ extra. All parcels that we ship are insured.

Express insurance rates are: for shipments under \$50.00, no extra insurance charge; for shipments valued from \$5.00 to \$150.00 charge is 10¢. For each additional \$100.00 value or portion thereof, charge is 10¢.

## EXPRESS & FREIGHT SHIPMENTS

Express and freight shipments are sent transportation charges collect. If your station has no agent, please send sufficient money to cover transportation. Charges are the same either way. All over-payments are promptly refunded.

## C. O. D. SHIPMENTS

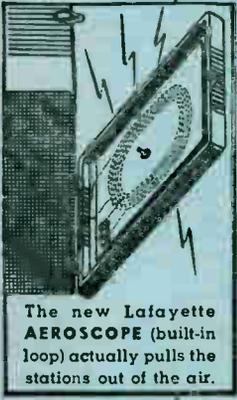
Transportation charges on C.O.D. parcels are slightly higher than those sent prepaid. C.O.D. charges in addition to the regular postage costs outlined above are as follows (including insurance): When value of parcel is up to \$5.00 the extra charge is 12¢; \$5.00 to \$25.00 the extra charge is 17¢; \$25.00 to \$50.00 the extra charge is 22¢; \$50.00 to \$100.00 the extra charge is 32¢; \$100.00 to \$150.00 the extra charge is 40¢; \$150.00 to \$200.00 the extra charge is 45¢. For each \$50.00 value above \$200.00 the charge is 5¢ more (including insurance). The Post Office also charges an extra small money order fee on each C.O.D. parcel. Save these fees by remitting in full.

**NOTE:** Equipment built or ordered especially to meet customers requirements not subject to exchange, credit or refund, as such merchandise cannot be re-sold by us.

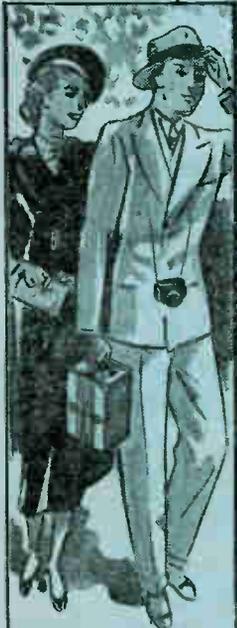
**The LATEST SENSATION  
IN MODERN RADIO!**

**5 TUBE "3 IN 1"  
PORTABLE Super**

**PLAYS  
ANYWHERE**



The new Lafayette **AEROSCOPE** (built-in loop) actually pulls the stations out of the air.



As easily portable as a brief case or overnight bag, and you'll like its smart styling.

**COMPLETELY  
SELF-POWERED • NO WIRES TO ATTACH!**

- ★ No Aerial—No Ground!
- ★ Just Turn On and Tune-In
- ★ Works on A.C. or D.C. Too!
- ★ Weighs only 17 lbs. complete

Here's the set you've always hoped for—one that can be your constant companion no matter where you go or what you do. Take your entertainment with you; no matter whether you travel on land or sea this marvelous new Lafayette is ready for instant operation—without fuss or bother. There are no messy wires to clutter up the room, no aerial or ground wires to attach. You just turn it on and tune it in.

**A Swell Vacation "Pal"**

Just think of the fun you can have with this "Pal" on your vacation. It works wonderfully in a hotel room—at the beach—in the canoe—at the picnic grounds—on the train or boat—in fact wherever you are, the "Pal" is ready in an instant to entertain.

**With the New AEROSCOPE**

The new Lafayette Aeroscope (built-in loop aerial) just pulls the stations out of the air. You don't have to connect any wires at all—just turn the set on and tune it in—and your favorite stations come in with ample volume and excellent tone quality.

**"3-in-1" Operation**

Versatility is the chief characteristic of the "Pal." In addition to its self-powered battery operation, there are provisions for using this set on either a.c. or d.c. A line cord contained inside the back cover can be plugged into any electric outlet. In this manner, when at home you can use standard electric current and use the battery operation when you travel.

The entire unit is as easy to carry as an overnight bag or briefcase. It weighs only 17 pounds, complete ready to operate.

The tuning range of the "Pal" covers an extended band from 550 to 1700 kilocycles, bringing in all standard American broadcast programs, including several of the high fidelity stations.

**Powerful Superhet—Latest Tubes**

The powerful superhet circuit makes use of the very latest low drain tubes to afford ample volume for all conditions of use. Tubes are: 1A7G, 1N5G, 1H5G, 1Q5G and a 25Z5. One 1½ volt heavy duty "A" and two 45 volt "B" batteries supply the required power, and these batteries will last for approximately 200 working hours.

**Permanent Magnet Speaker**

A matched PM speaker handles the power output with excellent fidelity. Tone quality is natural and pleasant.

**Drop Front Case**

The smartly styled airplane luggage case, measuring only 11¾" high, 9" wide and 8½" deep, has a handy drop front. When this front piece is closed (carrying position) the receiver is fully protected.

**MODEL BS-85**

Lafayette 5-Tube "3-in-1" Portable Superhet complete with tubes.  
Less batteries. Shpg. wt. 20 lbs. Code CATON. List \$39.90.

**\$19<sup>95</sup>**

**YOUR COST** less batteries...

Kit of batteries for above: one heavy duty type 1½ volt "A" and two 45 volt "B" batteries. Shpg. wt. 7 lbs.  
K20148—YOUR COST..... \$2.65

IT'S A *Lafayette*

# NO AERIAL! NO GROUND! WITH THE NEW *Lafayette* *Aeroscope*



## 5 TUBE AC-DC SUPERHET

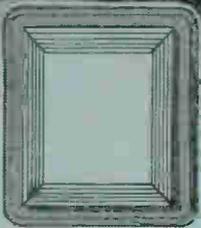
THE latest in a long line of Lafayette leaders! This receiver incorporates new operating conveniences and new styling that you want—and it's priced to fit your budget. You'll be pleasantly surprised at the tone quality, the more than ample volume and the ease of operation it affords. Why not try one in your home today? You get fully 30-days to decide it's the best value you ever received.

**No Aerial or Ground Wires**  
No need to string messy wires around the room with this set. The magic AEROSCOPE, the latest Lafayette advancement, takes care of bringing in all the stations with plenty of power. You don't have to adjust it—yet it is at work the moment you turn the set on.

**Works On A.C. or D.C.**  
You need only plug the line cord into the nearest electric outlet, either alternating or direct current, and the set is ready to entertain you.

**"Beam Power" Superhet**  
Five tubes, including the latest type "beam power" output tube for distortionless high power, are used in the superheterodyne circuit. These are: 1-12A8, 1-12K7, 1-12Q7, 1-35L6 "beam power tube" and 1-35Z4. Tuning range covers from 550 to 1700 kilocycles, bringing in all American broadcasts.

**Matched Dynamic Speaker**  
An efficient dynamic speaker, set behind a louvred speaker grill for best acoustic results, handles the entire set output with fine fidelity. Other features are: dual calibrated full-vision dial, fully illuminated; durable plastic cabinets (washable) in Walnut or Ivory.



### Magic AEROSCOPE

The latest radio innovation, the Lafayette Aeroscope (built-in loop) seems to "pull stations out of the air." No need to connect aerial or ground wires with this set—you just plug it in and tune in your favorite stations. You'll be pleased at the excellent tone and volume it provides.

### Model BS-20—Walnut Case

Lafayette 5-Tube A.C.-D.C. Superhet in Walnut plastic case measuring 9 1/2" wide, 5 3/4" deep and 6" high. Complete with all tubes and built-in Aeroscope (loop-aerial). For operation on 110 volts a.c. or d.c. Shpg. wt. 14 lbs.

Code CABEL.

List \$18.00.

YOUR COST.....

**\$8.95**

### Model BS-37—Ivory Case

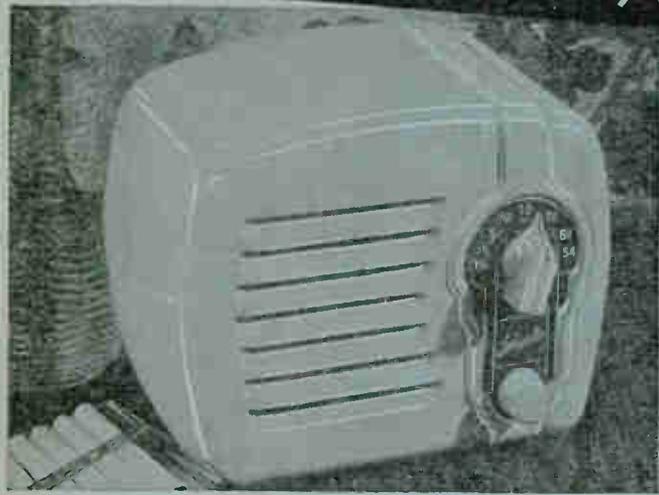
Same as above, but in Ivory plastic case. Code CAROL.

List \$19.90.

YOUR COST.....

**\$9.95**

# The LAST WORD IN "Personal" RADIOS!



ONLY *Lafayette* CAN GIVE YOU THIS QUALITY AT SUCH AN UNBELIEVABLY LOW PRICE!

This little fellow compares with the average radio set like a tiny wrist watch with the old fashioned grandfather's clock—it's no taller than milady's perfume bottle—yet it provides a quality of reception that will amaze you. Just as much power as the average full size four or five tube set—gets all the American broadcast stations—sounds real and natural—yet it costs no more than a pair of shoes! No reason now for not having that extra set in the bedroom, den, kitchen or library.

### Unique A.C.-D.C. Superhet

The wizardry of modern radio tube design in the form of two special multi-element "bantam" tubes, is entirely responsible for the unusually good results obtainable in this "mighty mite." A 25B8GT coupled to a 70L7GT provides efficiency heretofore obtainable only by the use of four or more tubes. And the power consumption is only 25-watts; the set costs no more to operate than the ordinary small electric light bulb. Just plug it into the nearest electric light outlet, either a.c. or d.c., stretch the factory attached antenna around the room, and it's ready to operate.

### Matched Electro-Dynamic Speaker

Excellent tone quality is due, in a great measure, to the efficient matched dynamic speaker. This unit is placed behind a louvred speaker grill for best acoustic effects; reception is entirely clear and natural. The tuning range is from 540 to 1700 kilocycles, covering all domestic broadcast reception. Two knobs govern all operations (tuning and combined volume control and switch).

## A World of Fun and Music in a Handful of Radio

### MODEL W-45 IN WALNUT CASE

Lafayette Ultra-Compact A.C.-D.C. Superhet complete with tubes and factory attached aerial. For 110 volts a.c. or d.c. In Walnut finished metal case 6 3/8" wide, 5 1/4" high and 4 5/8" deep.

St. pg. wt. 8 lbs. Code AMOUR. List \$10.90.

YOUR COST EACH.....

**\$5.45**

### MODEL W-46 IN IVORY CASE

Same as above, in Ivory finished case. Code ADORE.

List: \$11.50. YOUR COST EACH.....

**\$5.75**

PLAY ANYWHERE

# AGFA "Brovira" Printing Papers

## 5x7" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5750	PH5756	Glossy	Soft
PH5751	PH5757	"	Medium
PH5752	PH5758	"	Hard
PH5753	PH5759	"	Ex. Hard
PH5762	PH5768	Velvet	Soft
PH5763	PH5769	"	Medium
PH5764	PH5770	"	Hard
PH5765	PH5771	"	Ex. Hard

Any Dozen package, above, **32¢**  
 YOUR COST EACH.....  
 Any 1/2 Gross package above, **\$1.58**  
 YOUR COST EACH.....

## 5x7" Double Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5774	PH5779	Glossy	Soft
PH5775	PH5780	"	Medium
PH5776	PH5781	"	Hard
PH5784	PH5790	Velvet	Soft
PH5785	PH5791	"	Medium
PH5786	PH5792	"	Hard
PH5787	PH5793	"	Ex. Hard
PH5796	PH5800	Matte	Soft
PH5797	PH5801	"	Medium
PH5798	PH5802	"	Hard
PH5799	PH5803	"	Ex. Hard
PH5806	PH5810	Silk	Soft
PH5807	PH5811	"	Medium
PH5814	PH5820	Royal	Soft
PH5815	PH5821	"	Medium
PH5816	PH5822	"	Hard
PH5817	PH5823	"	Ex. Hard
PH5826	PH5831	Kashmir	Soft
PH5827	PH5832	"	Medium
PH5828	PH5833	"	Hard
PH5834	PH5841	Ivory*	Soft
PH5837	PH5842	"	Medium
PH5838	PH5843	"	Hard

Any Dozen **41¢** 1/2 Gross **\$1.98**  
 EACH..... EACH.....

\*This is Kashmir paper, Ivory finish. All other papers are white.

Agfa Brovira is unquestionably one of the finest fast enlarging papers on the market today. It is exceptionally uniform in quality and in results. Exposure and development latitude is remarkable and permits unusual control over a wide range. In addition to the usual Glossy, Velvet and Matt surfaces, we are listing below 3 distinctly different types which have exceptional beauty. "Silk" is an embossed surface which has been impressed by steel calendars and is striking in appearance. It is excellent for pictorial subjects. "Royal" is a smooth surface with a silk-like sheen. "Kashmir" has a pebbled surface that provides remarkable depth, especially to portraits of men and character studies. It is available in two colors—white and ivory.



NOTE: We can supply Agfa "Brovira" paper in 11x14" sheets, either single or double weight, and in any surface and contrast made. Available on special order only; at standard prices.

ALL BROVIRA PAPER SHIPPED POSTPAID IN U.S.A.

## E.K. "Kodabrom"



### GEVAERT Novabrom Projection Postcards

PH6050—2 Dozen White Smooth Semi-Mat, Normal Contrast. **45¢**  
 YOUR COST.....  
 PH6051—1/2 Gross White Smooth Semi-Mat, Normal Contrast. **\$1.05**  
 YOUR COST.....

### Contact Postcards

PH6052—2 Dozen White Smooth Semi-Mat, Normal Contrast. **35¢**  
 YOUR COST.....  
 PH6053—1 Gross White Smooth Semi-Mat, Normal Contrast. **\$1.53**  
 YOUR COST.....

## 8x10" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5846	PH5852	Glossy	Soft
PH5847	PH5853	"	Medium
PH5848	PH5854	"	Hard
PH5849	PH5855	"	Ex. Hard
PH5858	PH5864	Velvet	Soft
PH5859	PH5865	"	Medium
PH5860	PH5866	"	Hard
PH5867	PH5867	"	Ex. Hard

Any Dozen package, above, **68¢**  
 YOUR COST EACH.....  
 Any 1/2 Gross package above, **\$3.56**  
 YOUR COST EACH.....

## 8x10" Double Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5870	PH5875	Glossy	Soft
PH5871	PH5876	"	Medium
PH5872	PH5877	"	Hard
PH5880	PH5886	Velvet	Soft
PH5881	PH5887	"	Medium
PH5882	PH5888	"	Hard
PH5883	PH5889	"	Ex. Hard
PH5892	PH5898	Matte	Soft
PH5893	PH5899	"	Medium
PH5894	PH5900	"	Hard
PH5895	PH5901	"	Ex. Hard
PH5904	PH5908	Silk	Soft
PH5905	PH5909	"	Medium
PH5912	PH5918	Royal	Soft
PH5913	PH5919	"	Medium
PH5914	PH5920	"	Hard
PH5915	PH5921	"	Ex. Hard

PH5924 PH5929 Kashmir Soft  
 PH5925 PH5930 " Medium  
 PH5926 PH5931 " Hard  
 PH5934 PH5939 Ivory\* Soft  
 PH5935 PH5940 " Medium  
 PH5936 PH5941 " Hard  
 \*This is Kashmir paper, Ivory finish. All other papers are white.  
 Any Dozen package, above EACH... **86¢**  
 Any 1/2 Gross package above, **\$4.46**  
 YOUR COST EACH.....

Eastman Kodak Kodabrom is an entirely new type of enlarging paper with a high-speed, full-scale emulsion, and especially desirable processing advantages. As easy to handle as Velox, it develops in from 45 seconds to 1 1/2 minutes depending upon exposure. Its exposure latitude corresponds to its developing latitude, with no variation in the richness and brilliance of its fine black tones. The four grades of contrast available include: No. 1 Soft; No. 2 Average; No. 3 Contrast; No. 4 Extra Contrast.

## 8x10" Double Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5633	PH5638	Glossy	1
PH5630	PH5635	"	2
PH5631	PH5636	"	3
PH5632	PH5637	"	4
PH5643	PH5648	Luster	1
PH5640	PH5645	"	2
PH5641	PH5646	"	3
PH5642	PH5647	"	4
PH5653	PH5658	Semi-Matt	1
PH5650	PH5655	"	2
PH5651	PH5656	"	3
PH5652	PH5657	"	4
PH5663	PH5668	F.G.L.*	1
PH5660	PH5665	"	2
PH5661	PH5666	"	3
PH5662	PH5667	"	4
PH5670	PH5676	F.G.L.O.I.**	1
PH5671	PH5677	"	2
PH5672	PH5678	"	3
PH5673	PH5679	"	4

\*Fine Grain Luster.  
 \*\*Fine Grain Luster Old Ivory.  
 Doz. Package **77¢** 1/2 Gross **\$3.95**  
 EACH..... EACH.....

NOTE: We can supply other surfaces than those listed above, such as Kodalure, PMC, Vitava, Opal, etc., on special order. In all cases, prices will be the same as those shown for the corresponding size and weight in the listing above.

We can also supply Eastman Kodak "Kodabrom" printing paper in 11x14" sheets, both single and double weights. Prices on request. Shipments can be made promptly.

## 5x7" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5553	PH5558	Glossy	1
PH5550	PH5555	"	2
PH5551	PH5556	"	3
PH5552	PH5557	"	4
PH5563	PH5568	Luster	1
PH5560	PH5565	"	2
PH5561	PH5566	"	3
PH5562	PH5567	"	4

Doz. Package. **29¢** 1/2 Gross. **\$1.49**  
 YOUR COST..... EACH.....

## 5x7" Double Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5573	PH5578	Glossy	1
PH5570	PH5575	"	2
PH5571	PH5576	"	3
PH5572	PH5577	"	4
PH5583	PH5588	Luster	1
PH5580	PH5585	"	2
PH5581	PH5586	"	3
PH5582	PH5587	"	4
PH5593	PH5598	Semi-Matte	1
PH5590	PH5595	"	2
PH5591	PH5596	"	3
PH5592	PH5597	"	4
PH5603	PH5608	F.G.L.*	1
PH5600	PH5605	"	2
PH5601	PH5606	"	3
PH5602	PH5607	"	4

PH5740 PH5746 F.G.L.O.I.\*\* 1  
 PH5741 PH5747 " 2  
 PH5742 PH5748 " 3  
 PH5743 PH5749 " 4

\*Fine Grain Luster.  
 \*\*Fine Grain Luster Old Ivory.  
 Doz. Package **39¢** 1/2 Gross **\$1.89**  
 EACH..... EACH.....

## 8x10" Single Weight

1 Doz.	1/2 Gross	Surface	Grade
PH5613	PH5618	Glossy	1
PH5610	PH5615	"	2
PH5611	PH5616	"	3
PH5612	PH5617	"	4
PH5623	PH5628	Luster	1
PH5620	PH5625	"	2
PH5621	PH5626	"	3
PH5622	PH5627	"	4

Doz. Package **59¢** 1/2 Gross **\$3.19**  
 EACH..... EACH.....

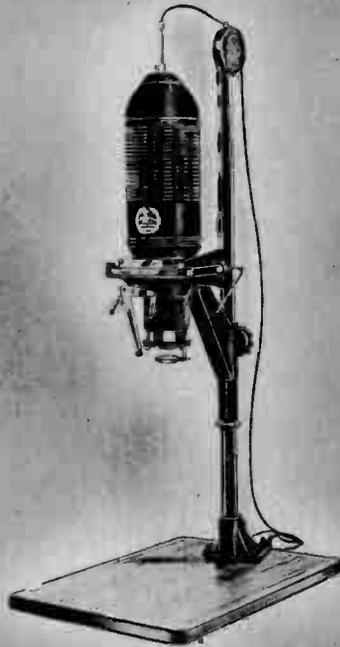


# FEDERAL

## NEW! Model 230

- ★ Condenser and Diffused Lighting
- ★ Micro-Lever Focusing Control
- ★ Counter-Balanced Head

A precision designed enlarger for negatives up to 2 1/4 x 3 1/4" at a price that is sensationally low for such fine quality. Offers a choice of either a condenser system using a 4 1/2" condenser or a diffusion system by means of opal glass or a combination of both at will. An opal lamp mounted on an adjustable rod together with a parabolic reflector provides an intense light source that reduces exposure time. The entire head of the enlarger is counter-balanced on a steel tape providing simple and quick one-hand adjustment. Focusing is by means of a balanced micro-lever permitting extremely accurate focusing. The lens employed is a highly corrected f:6.3 anastigmat (f:4.5 also available as noted below) mounted in a barrel with iris diaphragm. Lens is mounted on a lens board that is easily interchangeable with others. The upright post is of heavy steel, plated and highly polished, 1 3/8" diameter and 36" high permitting linear enlargements of from 2 to 8 times directly on the baseboard. Lamp housing can be swung on post over edge of table for enlargements on floor up to 20 diameters. A very convenient book-



# ENLARGERS

type negative carrier is supplied. Either dustless metal plates or glass pressure plates may be employed. Carrier has pressure release for adjusting negatives while in the machine. Shpg. wt. 25 lbs.  
**PH2516**—Model 230, f:6.3 lens. **\$32.95**  
 YOUR COST.....  
**PH2517**—Model 245, f:4.5 lens. **\$37.45**  
 YOUR COST.....

### Model 120

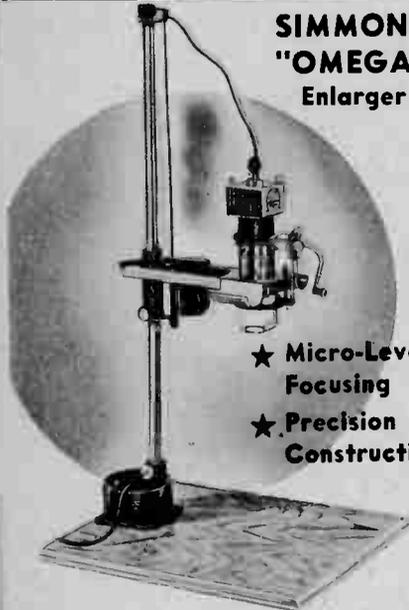
This very popularly priced model has earned an excellent reputation for itself. For negatives up to 2 1/4 x 3 1/4" in size. Has a fine Fedar f:6.3 lens and will provide up to 7 linear magnification on baseboard. Well ventilated lamphouse with double opal glass diffusing system. Easel has masking bands attached.  
**PH2513**—Complete with f:6.3 lens and 125 watt enlarging lamp. **\$16.69**  
 YOUR COST.....

### Model No. 505A

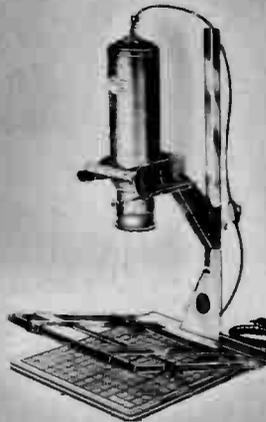
Will take all negatives from 35mm to 2 1/4 x 2 1/4" square. Equipped with 3 1/2" f:8 fully achromatic lens in interchangeable mount. Enlarges to 5 linear magnifications on hardwood 12x14" baseboard. Built-in red safety filter.  
**PH2512**—Federal No. 505A Enlarger, complete with f:8 lens and lamp. **\$9.39**  
 YOUR COST.....  
 Extra enlarging lamp for enlargers.  
**PH8129**—YOUR COST..... 15c

## SIMMONS "OMEGA" Enlarger

- ★ Micro-Lever Focusing
- ★ Precision Construction

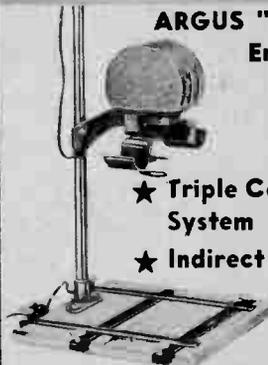


Simmons Omega Enlargers consistently produce better, cleaner enlargements. Pains-taking workmanship and superb finish make these quality instruments deluxe in every respect. Model A (24x36 mm. size) and Model B (24x36 mm. to 6x6 cm.) both have dust-proof negative holders. The film is held firm and in an absolutely flat plane with no glass on either side. Both models employ special cool lamphouse for efficient, even lighting. Model A uses special low-voltage lamp, operated through a transformer in the base on 110 volts AC only. Model B operates from 110 volts AC or DC. Both have laminated hardwood base and swinging lamphouse. Ruby safety filter.  
**PH2501**—Model A Simmons "Omega" Enlarger, with lamp, less lens. **\$48.00**  
 YOUR COST.....  
**PH2502**—As above, complete with 2" f:3.5 lens (as listed at right). **\$51.95**  
 YOUR COST.....  
**PH2503**—Model B Simmons "Omega" Enlarger, with lamp, less lens. **\$65.00**  
 YOUR COST.....  
**PH2504**—As above, complete with 3" f:3.5 lens (as listed at right). **\$68.95**  
 YOUR COST.....  
**SHIPPED POSTPAID IN U.S.A. ONLY**



## ARGUS "EAE" Enlargers

- ★ Triple Condenser System
- ★ Indirect Lighting



This Argus Enlarger, for Models A and AE, employs a novel principle which keeps lamp at a distance from the negative with no loss of light. Has three optically corrected condenser lenses and tension type negative holder for brilliant, spotless enlargements. Has swinging, built-in red filter, 14x14" hardwood base, and swinging head.  
**PH2506**—Argus Model EAE. With easel, and 100 watt lamp. **\$17.50**  
 YOUR COST.....  
**PH2505**—As above, less easel. **\$14.75**  
 YOUR COST.....  
**SHIPPED POSTPAID IN U.S.A.**

## SOLAR Enlarger

35mm and 2 1/4" x 3 1/4" Models

- ★ Micrometer Focusing
- ★ Adjustable Condensers



An unusual feature of this excellent enlarger is the adjustable condensing lens system. Remarkably sturdy and efficient. 35mm models are for this size film only—2 1/4 x 3 1/4" model is for all sizes up to 6.5x9cm. Lens furnished is f:4.5 anastigmat in barrel with iris diaphragm. Provided with a ruby lens mask to permit focusing directly on paper. Complete with heavy 5 ply baseboard, size 16x20". Dust-free film carrier for any single film size from 35mm to 2 1/4 x 3 1/4" (specify size wanted when ordering).  
**PH2530**—35mm Model complete with 2 inch f:4.5 lens. **SHIPPED POSTPAID IN U.S.A.**  
**PH2531**—2 1/4 x 3 1/4" (6.5x9cm) model with 3" f:4.5 anastigmat lens. **SHIPPED POSTPAID IN U.S.A.** **\$44.55**  
 YOUR COST, either model.....

### Enlarging Lenses

Sharp cutting anastigmat lenses in barrel mounts with diaphragm for use in all types of enlargers. Use 2" models for negatives up to 1x1 1/2" and 3" models for negatives up to 6.5x9cm (2 1/4 x 3 1/4" in size).  
**PH1950**—2" f:3.5 ..... \$9.95  
**PH1951**—3" f:3.5 ..... \$10.95  
**PH1952**—2" f:4.5 ..... \$8.95  
**PH1953**—3" f:4.5 ..... \$9.95

# Brighten up your Darkroom Life

## ALBERT ALL-METAL CONTACT PRINTERS

Constructed of brass and steel throughout and beautifully finished in black crackle enamel with polished chrome and nickel trimmings. Well ventilated and practically indestructible. All parts accurately machined, with permanent welds and bolts for lifetime service. Both models feature: film guides which permit uncut 35 mm. film to be printed with ease; four masking bands which give sharp, clean margins to all prints and are held in perfect alignment by pressure springs; bands are black spring steel, etched in  $\frac{1}{8}$ " graduations; special hinged metal slide door permits easy access to ground glass for dodging; has sockets for one red and two white lights, any

size up to 60 watts; red light on continuously white light automatically controlled by opening and closing the cover; uniform pressure over entire surface. Operates on a.c. or d.c. Complete with ruby bulb, cord and plug and instructions.

**PH8650**—Albert Printer for negatives from 35 mm. to 5x7". Size:  $11\frac{1}{2} \times 9\frac{1}{2} \times 6\frac{1}{2}$ ".  
YOUR COST..... **\$16.65**

**PH8651**—Albert Printer for negatives from 35 mm. to 4x5". Size:  $11 \times 8 \times 6$ ".  
YOUR COST..... **\$8.78**

ABOVE SHIPPED POSTPAID IN U.S.A. ONLY

### "Easy Print" Contact Printer

Illustrated at the left is the new Easy-Print Contact Printer for use with all negatives from 35 mm. to 5x7". It has four fully adjustable masking bands of spring steel with graduated scale for quick adjustment. Ground glass for light diffusion with red bulb on continuously and white "printing" bulb on only when lever is depressed. Door in side of printer permits easy access to bulbs. Long pressure lever assures uniform contact between negative and paper. With ruby bulb, cord and plug and instructions. Size:  $11\frac{1}{2} \times 9\frac{1}{2} \times 6\frac{1}{2}$ ".

**PH8665**—Shpg. wt. 8 lbs.  
YOUR COST..... **\$8.49**

### JACKSON Contact Printer

A highly efficient all-metal contact printer at an amazingly low price. Features include: double hinged pressure plate with sponge rubber pads; adjustable masking device takes any size negative up to 4x5 inches; holders for 35 mm. roll film for strip printing; spring pressure negative clamp; ground glass diffusion; built-in safe-light window at side for illuminating work table; toggle switch for printing light. Complete with lamps ready to use. Overall dimensions:  $6\frac{3}{4} \times 6\frac{3}{4} \times 9$ ". Shpg. wt. 9 lbs.

**PH8664**—Jackson Contact Printer, complete.  
YOUR COST..... **\$5.19**

### Brownie Safelight Lamp

This efficient lamp screws into any electric socket. Designed for use with a standard 10 watt bulb. Two safelight glasses, a circular one at the end and a rectangular one at the side, are interchangeable. Series 2 (for use with rapid orthochromatic film) glasses are furnished as standard equipment. Shpg. wt. 3 lbs.

**PH8700**—Less 10 watt bulb.  
YOUR COST..... **\$1.49**

**Safelight Glasses**—extra pairs, 1 round and 1 rectangular, for above lamp.  
**PH8743**—Series 0A—for Bromide papers, lantern slides and process film.

**PH8744**—Series 00—for contact papers such as Velox, Azo, etc.

**PH8745**—Series 3—for panchromatic films and plates such as Panatomic, "SS", etc.

YOUR COST, ANY TYPE  
PER PAIR..... **\$5.99**

### EASTMAN Safelight Lamp

To be hung directly over work table. Has 5x7" safelight glass which is interchangeable. Series 2 (for rapid orthochromatic film such as Verichrome) furnished as standard equipment. All metal body gray lacquer finish. Wt. 3 lbs. 10 watt bulb not included.

**PH8701**—  
YOUR COST..... **\$2.59**

**Safelight Glasses** 5x7" for above lamp.  
**PH8746**—Series 0A—for Bromide papers, lantern slides and process film.

**PH8747**—Series 00—for contact papers such as Velox, Azo, etc.

**PH8748**—Series 3—for panchromatic films and plates such as Panatomic, "SS", etc.

ANY TYPE,  
YOUR COST..... **\$6.99**

### Dark Room Bulbs

Stained glass. All rated at 8 candlepower (about 10 watts). Dark amber for contact and enlarging papers. Dark ruby for ortho film. Frosted green for panchromatic film. AC-DC.

No.	Color	EACH
<b>PH8180</b>	Dark Amber	<b>\$3.99</b>
<b>PH8181</b>	Dark Ruby	
<b>PH8182</b>	Frosted Green	

### DeLuxe Trimming Boards

High quality trimmers with tempered steel blades with spring tension "blade raising" device; re-inforced tables marked into  $\frac{1}{4}$ " squares with white lines on green background; ruler divided into  $\frac{1}{16}$ " calibrations.

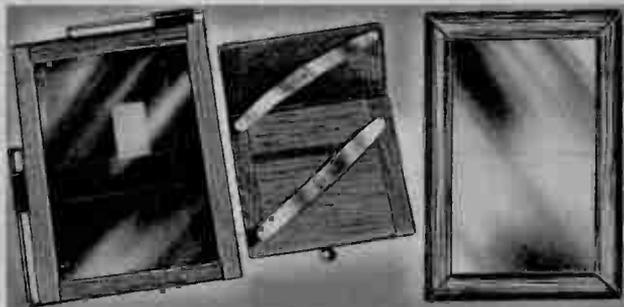
**PH8400**— $6\frac{1}{2}$ " blade. Shpg. \$1.98  
Wt. 5 lbs. YOUR COST.....

**PH8401**— $8\frac{1}{2}$ " blade. Shpg. \$2.49  
Wt. 6 lbs. YOUR COST.....

**PH8402**— $10\frac{1}{2}$ " blade. Shpg. \$2.98  
Wt. 7 lbs. YOUR COST.....

**PH8403**— $12\frac{1}{2}$ " blade. Shpg. \$4.98  
Wt. 8 lbs. YOUR COST.....

**PH8404**— $15\frac{1}{2}$ " De Luxe, brown mahogany table. Shpg. wt. 12 lbs.  
YOUR COST..... **\$9.98**



### Auto Mask Print Frame

This versatile frame is adjustable to any size negative from the smallest up to 4x5" in size. The adjustable masking strips are calibrated in fractions of an inch. A tension clamp is provided to hold the negative in place. Back is hinged and covered with felt. Both frame and back are made of hardwood. Metal is nicked (except masking bands).

**PH8462**—Wt. 2 lbs.  
YOUR COST..... **\$1.39**

### Special Print Frame

Low priced sturdy frame with hinged back. Hardwood frame. Crystal clear glass. Shpg. wt. 2 lbs.  $3\frac{1}{2} \times 5\frac{1}{2}$ ".

**PH8450**—YOUR COST..... **\$3.29**

### Eastman Kodak Frames

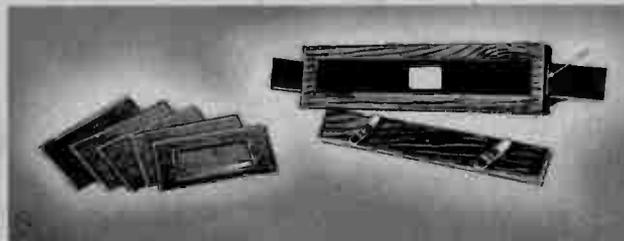
All have two section hinged back. Crystal clear glass.

No.	Size	EACH
<b>PH8460</b>	$2\frac{1}{4} \times 3\frac{1}{4}$ "	<b>\$4.99</b>
<b>PH8461</b>	$2\frac{1}{2} \times 4\frac{1}{4}$ "	
<b>PH8459</b>	$4 \times 5$ "	
<b>PH8458</b>	$5 \times 7$ "	<b>74c</b>

**PH8461**— $2\frac{1}{2} \times 4\frac{1}{4}$ "

**PH8459**— $4 \times 5$ "

**PH8458**— $5 \times 7$ "



### Lafayette "Maskit" Set

Set of 5 masks. For  $1\frac{1}{7} \times 1\frac{1}{16}$ "  $1\frac{3}{8} \times 2\frac{1}{2}$ "  $2\frac{1}{4} \times 2\frac{1}{4}$ "  $2\frac{1}{4} \times 3\frac{1}{4}$ " and  $2\frac{1}{2} \times 4\frac{1}{4}$  films. Made of dyed board for long life.

**PH8667**—YOUR COST..... **\$1.99**

### Miniature Printing Frame

For 35mm film strips. Will print single frame up to six frames at a time. Felt lined slits at both ends.

**PH8451**—EACH..... **\$1.89**

Single Frame—For printing one frame at a time.

**PH8452**—EACH..... **\$5.99**

### KODALOID PRINTING MASKS

Transparent masks for printing frames or enlargers.

<b>PH8652</b> — $\frac{1}{8} \times 1\frac{3}{8}$ " (17)	<b>PH8653</b> — $1\frac{1}{4} \times 1\frac{1}{2}$ " (0)	<b>PH8654</b> — $1\frac{1}{2} \times 2\frac{1}{8}$ " (18)
<b>PH8655</b> — $1\frac{1}{2} \times 2\frac{1}{4}$ " (1)	<b>PH8656</b> — $2\frac{1}{8} \times 2\frac{1}{8}$ " (2)	<b>PH8657</b> — $2\frac{1}{8} \times 3\frac{1}{8}$ " (3)
<b>PH8658</b> — $2\frac{1}{8} \times 4\frac{1}{8}$ " (4)	<b>PH8659</b> — $2\frac{1}{8} \times 3\frac{1}{8}$ " (6)	<b>PH8660</b> — $3\frac{1}{8} \times 4\frac{1}{8}$ " (7)
<b>PH8661</b> — $2\frac{1}{8} \times 4\frac{1}{8}$ " (8c)	<b>PH8662</b> — $3\frac{1}{8} \times 5\frac{3}{8}$ " (8)	

ANY SIZE ABOVE EACH..... **\$14.99**

### F-R Interval Timer

Provides accurate check on enlargement or development time. Range from one minute to 55 minutes; bell rings when time is up. Dependable spring wound motor made by a famous clock maker. Large white numerals. Sturdy metal case with black lacquer finish. SHIPPED POSTPAID IN U.S.A. ONLY.

PH2480—**\$3.25**  
YOUR COST.....

### LUXOR Photo Timer

Double duty timer. Has large, full vision sweep second hand. Clicks off seconds, giving you an accurate check on exposure time. Smaller hour and minute hands in center of face. 30-hour spring wound motor. Open face dial is 4 1/2" in diameter. Numerals are large and easy to read. Case finished in baked on enamel with bright nickel trim. A handy and economical accessory for your dark room. Shpg. wt. 4 lbs.

PH2481—**\$2.79**  
YOUR COST.....

### New HANKSCRAFT

A new, all electric timer that's automatic in operation. Makes for better enlargements, more uniform prints—takes the guesswork out of printing. You dial the time on your enlarger light just as you dial a phone number. The Hankschaft Automatic Timer permits you to instantly set the number of seconds exposure wanted (range up to 60 seconds). Light turns on and off automatically as you set the dial.



### "LOCK-SHARP"

A light-tight, self closing box for the darkroom work bench. Protects printing paper while working. Gives positive protection because the cover automatically "locks" out all light when it is released. Convenient for all sizes of paper up to 8x10". Wt. 2 lbs.

PH8720—YOUR COST.....**\$2.89**

### New Model MCM

The new enlarging exposure meter that "works like a charm." It eliminates all guess-work in enlargement timing. The exact exposure for each enlargement can be found in less than 30 seconds. Simple and fool proof in operation. It uses the time tested "grease spot" method of light intensity measurement. In operation, the control knob is turned until the "spot" seems to disappear, and the reading is taken from the dial directly in SECONDS.

### MAXIM Enlarging

An efficient optical type meter that has no moving parts and will consequently last indefinitely. It is a DIRECT reading type—no conversion charts or compensation required. There is no bulb to burn out—no current to be consumed—no cord to plug in. You just place the MAXIM on the baseboard, and the amount of light is registered through the magnifier and indicated directly on the built-in meter. Use



### KODAK Timer

Assures accurate timing of printing exposures. Convenient tilting base. Can be attached to wall or other surface. Powerful spring wound motor. Range 1 to 60 minutes. Full sweep second hand, smaller minute hand. Glass bezel, all metal case. SHIPPED POSTPAID IN U.S.A. List \$5.00

PH2483—YOUR COST.....**\$4.49**

### "Quick-Set" Timer

Excellent quality ELECTRIC clock for photo use. Hour and minute hands in center of dial, full sweep second hand. Built-in ruby light. Has 12-hour alarm graduated in 15 minute intervals for longer development periods. In mottled brown plastic case 4 3/4x4x2 3/4". Operates on 110-125 volts, 50-60 cycles a.c. ONLY. With attached cord and plug set and full instructions. Face protected by convex glass bezel. Shpg. wt. 4 lbs.

PH2484—**\$4.89**  
YOUR COST.....

### A.C.-D.C. Timer

Improved prints result from the use of this timer because your hands are left free for "dodging" and other controls. Attractively housed in black bakelite case with attached 6-ft. cord and plug. Operates on 110 volts a.c. (6 amps.) or d.c. (2 amps.). "On-off" switch on side of case. Fully guaranteed. With complete instructions. SHIPPED POSTPAID IN U.S.A.

PH2485—**\$10.00**  
YOUR COST.....

## DARK-ROOM



## NECESSITIES

### M.P.A.

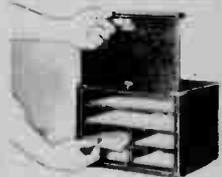
#### Paper Safe

DeLuxe Model. For protecting enlarging paper. Sturdy wood cabinet covered with fine black leatherette. Perfectly light-tight. Gravity operated sliding door. Four shelves for paper up to 8x10"; two shelves may be converted to four compartments for 5x7" size. Holds about 1/2 gross of paper on each shelf. Shpg. wt. 4 lbs.

PH8719—YOUR COST.....**\$3.59**

Standard Model: Similar to above, but with spring-hinged top door and slightly smaller.

PH8718—YOUR COST.....**\$2.69**



### PHOTOMETER

No conversion tables or compensation necessary. Unit is housed in a compact metal case with black crackle lacquer finish, and supplied with attached cord and plug and full instructions. Operates on 110-120 volts a.c. or d.c. Bulb included. Determines correct exposure time for any type enlarging paper.

PH2717—**\$4.85**  
YOUR COST EACH.....  
SHIPPED POSTPAID IN U.S.A. ONLY.



### Exposure Meter

of this unit will insure accurate exposure time when making enlargements and will pay for itself in a short time in paper saved. Eliminates entirely the need for test strips. Housed in a compact black molded case and furnished with detailed instructions for its use. Shpg. wt. 2 lbs.

PH2702—**\$2.49**  
YOUR COST EACH.....



### Printing Vignetter

A handy "gadjet" that solves all vignetting problems in enlarging by means of its multi-position panels. You don't have to cut or tear a new vignetting card every time an odd shape or size is desired. Just a touch, that's all, and this vignetter gives you the shape you want; Oval, circle, triangle, or any other shape in a jiffy. Made of black fibre with 29 movable wings. Outside dimensions: 8x10". Shpg. wt. 1 lb.

PH8687—YOUR COST EACH.....**\$1.89**



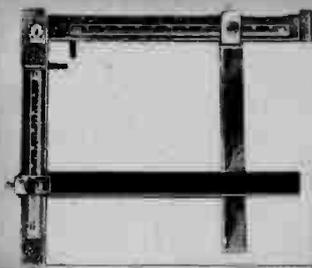
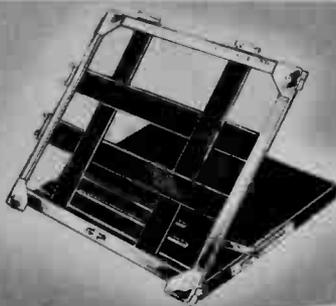
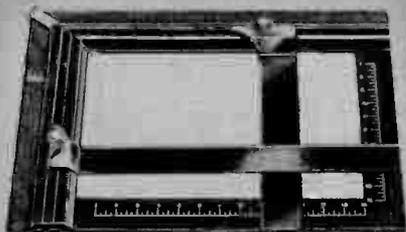
### Projection Print Dodger

Provides a means for accurately confining spot or local printing, vignetting or dodging to pre-selected areas when making projection prints. With this positive control of the actinic light, portions of a picture can be accentuated and undesirable details can be eliminated, controlled or emphasized. It actually permits "painting with light". Made of heavy red transparent material with 6 different shapes on the selector ring.

PH8688—YOUR COST EACH.....**\$1.89**



# Fine Prints Come from Well Equipped Dark Rooms



## 11 x 14" Lafayette Enlarging Easel

- ★ All-Metal Construction
- ★ White Focusing Surface

Rigidly constructed in its entirety of metal—no wood to warp or split. Adjustable metal arms are 2 inches wide and lock securely into position. Adjustable paper stop controls and provides clean white margins. Surface of baseboard is finished in dull white for use in focusing. Rules for setting of arms calibrated in fractions of an inch. Suitable for prints up to 11" by 14" in size. An outstanding value! Shpg. wt. 6 lbs.

PH9300—**\$3.79**  
YOUR COST.....

## ALBERT Automatic Enlarging Easel

- ★ For Those Who Want Only the Best
- ★ Perfect Design—Beautiful Workmanship
- ★ For Studio or Amateur Use

The enlarging easel that does everything but think for you. Automatic centering for various standard paper sizes eliminates the need for shifting the easel—set it there no matter what size of paper you use—5x7", 8x10" or 11x14". It has an automatic spring scale that gives you the right size borders for any size print you set it for. Automatic spring setting of the masking bands eliminates the need for set screws. Automatic frame support holds the frame locked in an upright position when changing paper yet releases instantly when lowered. Positive contact of masking bands all points prevents fuzzy border and mortised construction margins. Non-warping easel board of mottised construction surfaced with hard Masonite. Inlaid rubber strips under base prevent slipping. Metal frame work finished in chrome. Easel surface finished in non-reflecting metallic lacquer preventing fogging especially when using single weight paper.

SHIPPED POSTPAID IN U.S.A. **\$8.78**  
PH9303—YOUR COST.....

## PATTERN 11 x 14" Enlarging Easel

- ★ Genuine Plywood Base

This new enlarging easel represents an unusually fine value. The frame is of heavy steel welded accurately in position and finished in durable black crystal. Etched metal scales for the two sliding arms are accurately calibrated in fractions of an inch. Paper is held flat by the frame and the two blued-steel clock-spring arms. Easily adjusted to take paper as small as 2x2" or as large as 11"x14". Arms can be locked in any desired position. Baseboard is finished in white and can be used for focusing the enlarger. Shpg. wt. 6 lbs.

PH9302—**\$3.95**  
YOUR COST.....

## G-E Opal White Enlarging Bulbs

Natural opal white glass bulbs that diffuse the light excellently. Designed for use in enlargers. Operate on 110-120 volts, a.c. or d.c.

NOTE: 33-1/3% Discount on lots of 6 or more (may be assorted).

PH8120—No. 211. 75 watts. 100 hours normal life.

PH8121—No. 212. 150 watts. 100 hours normal life.

PH8122—No. 213. 250 watts. 2 hours normal life. Any type above.

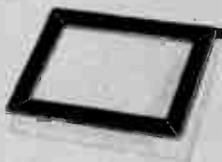
YOUR COST, EACH..... **35c**

PH8123—No. 301. 300 watts. 100 hours normal life.

PH8124—No. 302. 500 watts. 100 hours normal life. Either type above.

YOUR COST, EACH... **\$1.00**

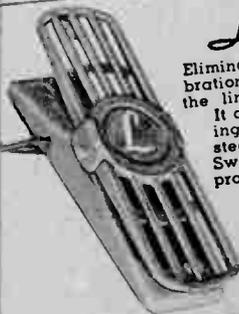
## KAIKO All-Metal Enlarging Frames



One or more of these frames will be found extremely valuable in your darkroom. Each is for a definite popular size of paper and will provide a standard 8" border all around. Precision made of all-metal with a white focusing surface. Rigid and absolutely accurate. Light in weight and easily shifted to any angle on the baseboard of the enlarger. Shipping weight 3 lbs.

Stock No.	Size	YOUR COST EACH
PH8710	5x7"	\$1.09
PH8711	8x10"	1.49
PH8712	11x14"	1.79

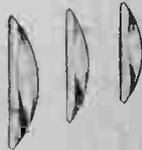
## Lafayette Foot Switch For Enlargers



Eliminate any possibility of distraction by substituting this foot switch for the line cord switch normally furnished. It also leaves both hands free for dodging, spot printing, etc. Frame is of cast steel with baked crackle grey finish. Switch will handle 3 amperes. Socket provided for enlarger plug. Excellent for light switch for convenient indoor photography light handling.

Furnished with 6 ft. all-rubber cord and plug. Shpg. wt. 5 lbs.  
PH9245—**\$2.95**  
YOUR COST.....

## French Condensing Lenses



French make condensing lenses guaranteed free from imperfections and optically perfect for use in all types of projection work such as enlargers, lantern slide projectors, etc. Covers 3" size up to half v.p., 4 1/2" up to 2 1/4 x 3 1/4", 6" up to 9x12 cm. Shpg. wt. 1 lb.

Stock No.	Diameter	Focal Length	YOUR COST EACH
PH1961	3"	4 1/2"	\$ .75
PH1962	4 1/2"	6 1/2"	1.09
PH1963	6"	9"	2.89

## "SEE-SHARP"

A handy device that does away with any loss of definition due to inaccuracy in focusing by brightening and magnifying the image that is projected on the sensitized paper. You just place the See Sharp directly on the paper, and the brightened, enlarged image can be accurately focused. Monel-metal stand, ground glass, mirror and magnifier. Extremely compact. A definite asset toward better enlarging technique.



PH9246—**\$1.89**  
YOUR COST, EACH.....

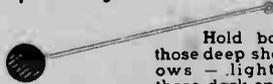
## MAGNIFIER

A handy little pocket magnifier with ground and polished lens. Extremely useful for inspection of negatives, prints, etc. 1 3/4" in diameter and folds into a convenient leather case. Magnification 12 diopters. Reg. 75c value.  
PH9243—YOUR COST..... **44c**



## Visible Enlarging "Spot Dodger"

Hold back those deep shadows—lighten those dark spots in your prints with this handy dodger. Made of transparent ruby material so you can see exactly what you are doing every moment. Handle is thin and flexible.  
PH9242—**23c**  
YOUR COST EACH.....



## FINE QUALITY Opal and Ground Glass

Ground glass for focusing and diffusing. Opal glass for diffusing.

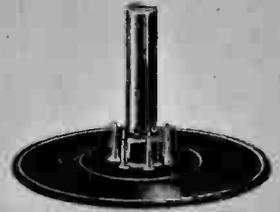
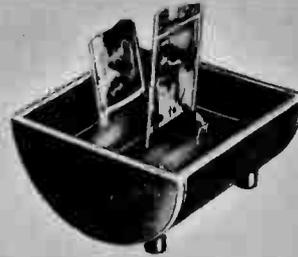
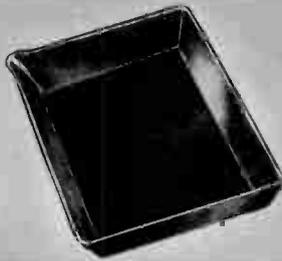
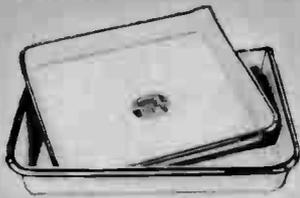
No.	Size	Type	EACH
PH9342	4x5"	Ground	15c
PH9345	5x7"	Opal	22c
PH9343	5x7"	Ground	20c
PH9346	8x10"	Opal	36c
PH9344	8x10"	Grd.	30c

## Condensing Lens Mounts

For best results condensing lenses should be set in these sturdy mount holders for proper alignment and easy utilization.



Stock No.	Lens Size	EACH
PH9570	3"	\$1.39
PH9571	4 1/2"	1.89
PH9572	6"	2.19



### Porcelain Enameled Photo Trays

These genuine porcelain-enameled trays are preferred by most professional and amateur photographers. The hard glossy enamel is practically impervious to chemical action. Baked upon one piece drawn steel it forms a fully protective covering inside and out. All corners are rounded for easy cleaning. Large pouring lip in one corner of tray permits pouring contents into small necked bottles. Sizes given are print sizes—trays are somewhat larger.

Stock No.	Print Size	Shpg. Wt.	YOUR COST
PH8200	5x7"	1 lb.	39c
PH8201	8x10"	2 lbs.	69c
PH8202	10x12"	2 lbs.	89c
PH8203	11x14"	3 lbs.	\$1.19

### ACE Hard Rubber Photo Trays

Ace genuine hard rubber trays are non-porous, non-corrosive and chip-proof. They are made with specially re-inforced rims and bottoms for strength. These trays are easily kept clean and can therefore be used interchangeably for all processes including developing, fixing and washing without affecting prints or negatives. Block finish makes it impossible to forget prints that have accidentally turned upside down. Bottom ridges (in some sizes) facilitate picking up prints with tongs.

No.	Size	Wt.	EACH
PH8235	4x6"	1 lb.	23c
PH8236	5x7"	1 lb.	54c
PH8237	8x10"	2 lb.	81c
PH8238	11x14"	3 lb.	\$1.67

### KEMP Roll Film Develop-O-Tray

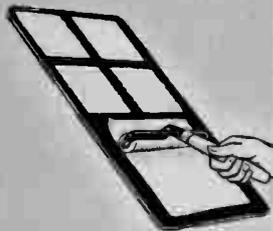
A newly designed, unbreakable developing tray that is economical to use and that will take many different sizes of film. It is constructed of acid-proof and chemical proof semi-flexible material—will last indefinitely. Needs only 4 ounces of solution to cover the film. Ideal for processing color negatives. Handles all film up to 3 1/4" wide, and has an acid-resistant scratch-proof roller that holds the film down into the solution. At the low price quoted every photo-finisher should have one. Its extreme compactness, its sparing use of chemicals and its unbreakable construction make it a "must". Wt. 2 lbs. **66c**

PH8230—YOUR COST.....

### KEMP Print Washer

Now you can make a highly efficient print and negative washer out of any ordinary sink or tub. Just place the Kemp washer over the sink drain, turn on the faucet—and there you are! It will drain the heavy hypo-laden water from the bottom of the sink and the large overflow tube will keep the level of the water constant at all times. You can let it run indefinitely without attention the prints will never clog the drain—and the prints will be in constant motion—ridding them in practically no time at all of hypo. The base is made of acid-resistant flexible material and the tube of acid-resistant hard material. Wt. 2 lbs. **55c**

PH823—YOUR COST.....



### Black Enamel Ferrotype Plates

These highly polished, baked-enamel ferrotype plates will produce lustrous, glossy prints with a minimum of effort.

No.	Size	Shpg. Wt.	EACH
PH8501	10x14"	1 lb.	15c
PH8500	10x14"	2 lbs. Ex. Heavy	24c
PH8502	12x17"	2 lbs. Ex. Heavy	39c
PH8503	14x20"	2 lbs. Ex. Heavy	49c

### Chromium Ferrotype Plates

Metal plates heavily plated with hard chromium and buffed to a mirrorlike surface. Long lasting quality. Can be heated to shorten drying time. Wt. 2 lbs.

No.	Size	EACH
PH8514	10x14"	59c
PH8515	14x20"	\$1.29

### Lafayette Ferrotype Polish

Now try Lafayette Ferrotype and chromium Polish on your plates. You'll get the cleanest, glossiest prints you ever saw. Non-inflammable. Extremely easy to use. Just apply—and wipe dry. PH8682—4 oz. size bottle. **24c**

YOUR COST.....

### Eastman Kodak Blotter Roll

Many prefer this method of drying their matte and semi-matte surfaced prints. The prints are placed into the roll with the emulsion surface on the outside thus counteracting the natural tendency of the prints to curl inward resulting in uniformly flat prints. Consists of two sheets of blotting paper, one of which is linen surfaced, and a sheet of corrugated cardboard for air circulation. 11 1/2" by 6 feet. Capacity about 60 contact prints. Wt. 2 lbs. **\$1.35**

PH8690—YOUR COST.....

### Lafayette Blotter Book

You simply place the wet prints on the blotter pages, separated by a waxed paper sheet, and close the book. Prints dry clean and flat. Consists of 18 pages of the finest white blotting paper with waxed separators. Takes prints up to 9x12". Neat plastic binder. Wt. 2 lbs. Regular 65c value. **48c**

PH8691—YOUR COST.....

### REXO Film Clip

These sturdy clips are guaranteed not to rust or tarnish. Will retain their springiness for years to come. Wide jaws provide ample gripping surface to hold roll and cut films securely. Prongs fit into recessed holes. Clips have provision for hanging on wire or hook.

PH8680—	45c	12 for.....	75c
YOUR COST		EACH.....	9c



### RAPIDRY Electric Print Dryer

A low priced unit that has all the features found in higher priced dryers. Features: AUTOMATIC thermostat control—cannot over-heat or scorch prints; dries prints in a few minutes; prints dry flat and without wrinkles; uniform heat over entire area;

extra large 11x14" drying area; for smooth, semi-matte or matte finishes; best nichrome heating element; durable die-cast streamline construction with two-toned baked crystal finish. Operates on 110 volts a.c. or d.c. Shpg. wt. 7 lbs. With 10x14" highly polished chromium plate for use with glossy prints. **\$5.89**

PH8695—YOUR COST.....

### Metal Frame Print Rollers

These high grade rollers have wire frame handles which are sturdier, cleaner and better. Unaffected by wet hands. Finest grade live rubber rolls with reinforced cores. Wt. 1 lb.

Stock No.	Size	YOUR COST EACH
PH8670	4"	27c
PH8671	6"	34c
PH8672	8"	49c

### Tenite Print Tongs

The greatest improvement in print tongs in years. Absolutely stain-proof and non-absorbent. Made of molded Tenite—practically indestructible. Have "duck bill" ends that make print gripping easy. One red and one black tong to each set. **66c**

PH8686—YOUR COST PER PAIR.....

### Allegheny Steel Tongs

Guaranteed acid, chemical and rust-proof. Light in weight. Grip securely, easy to handle. Easy to keep clean—will not discolor and can be used interchangeably. **15c**

PH8685—EACH PER PAIR.....

### CATALIN Stirring Rods

A new type of stirring rod. Made of the durable catalin. Known widely for its practical shape. The broad end of this 10 1/2" stirring rod is ideal for crushing chemicals. Indispensable when used with "Tabloid" chemicals. **16c**

PH8730—YOUR COST EACH..... Two for.....

# LIGHTS

to help you get those difficult "shots"



## KALART "Micromatic" Speed Flash

This excellent device enables you to get those "hard to get" night shots and action shots every time. It is adjustable for time delay by one thousandth part of a second, and can be used with practically any modern camera. Can be accurately adjusted for all types of flash bulbs and shutters. Requires no special mounting; attaches to the camera as easily as a tripod or cable release. Light weight and com-

compact. Entire outfit consists of: a bakelite battery box complete with battery, polished chrome reflector, and the micromatic speed flash. Bulb socket is the push-in type w/ spring contact. Wt. 5 lbs.

- PH8010—For cameras with regular Compur shutters.
- PH8011—For Compur-Rapid, Kodamatic and Diomatic Shutters.
- PH8015—For Rollicord and Rollielflex.
- PH8009—For Argus C-2.
- PH8012—For Perflex.
- PH8013—For Contax.
- PH8014—For Leica.

ANY ABOVE MODEL, EACH.....

New Synchroscope for accurate testing of synchronization.

SHIPPED POSTPAID IN U.S.A.

PH8026—YOUR COST.....

**\$11.49**

**\$9.75**

## ABBEY M/M Flash Gun



The ideal flash gun for amateur and professional alike. Built like a fine camera, highly accurate and beautifully finished. The battery container is especially machined and has a satin chrome plate finish to match the smartness and style of the finest cameras. Small, compact and easy to use. The electric finger, like a human finger, presses on the camera release button; a magnetically controlled latch causes it to respond at the precise

thousandth of a second when light and shutter opening are at maximum. It does not vary from one shot to the next, for it is fully automatic. The entire mechanism consists of the battery container, reflector and electric finger with cable attachment. The reflector takes all standard flash bulbs. Every shutter

speed can be synchronized, including 1/1250 second. The M/M gun is factory adjusted, ready for use as soon as received. Supplied complete with two dry cells (no flash bulbs furnished). PH8024—Abbey M/M Flash Gun, for use with any miniature camera with body shutter release, such as: Leica (all models), Contax (all models), Super Ikontas (all models), Robot, Weltur, Weltini, Retina 11. List \$20.75. SHIPPED POSTPAID IN U.S.A.

YOUR COST.....

**\$18.68**

## Photoflash Holder



Handy flash bulb holders. No. 1 has 5" diam. reflector; No. 2 has 7" reflector. Spring clamp permits moving of reflector to take any size bulb. Lamps fired by 2 dry cells in the handle. A safety catch prevents accidental firing of lamp before desired. With dry cells. An important item for all photographers.

both amateur and professional. Shpg. wt. both models, 3 lbs.

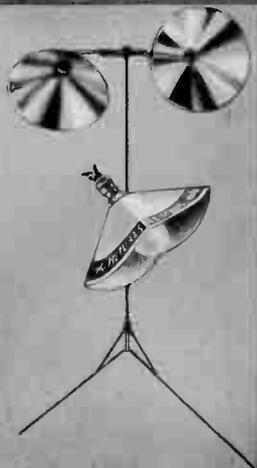
PH8004—No. 1—

**95¢**

EACH.....

PH8005—No. 2—

YOUR COST EACH. **\$1.29**



## EASTMAN Kodaflector

An easy to use, demountable twin reflector. Stand extends to a height of 6 feet 4 inches, telescopes down to a minimum of 2 feet 10 inches. Reflectors can be removed and hand held by their supporting bars. The aluminum reflectors lie flat when not in use, and can be mounted on the sockets in a jiffy. Comes complete with reflectors, lamp sockets, telescoping stand and two long connecting cords. Reflectors designed for use with No. 1 photoflood bulbs. Shpg. wt. 6 lbs. **\$4.39**

PH8008—YOUR COST.....

## E. K. Cardboard Reflectors

Handy folding cardboard reflectors for all around use. Fit snugly on any light socket.

PH8000—

Per Pair, YOUR COST..... **14¢**

## The DRAUCKER Photoflood Calculator

For Movies or stills. A guide to properly balanced lighting. Gives proper exposure data to insure good pictures. No amateur or professional photographer should be without one. Price includes booklet "Guide to Better Photoflood Pictures."



PH5085—

YOUR COST EACH..... **54¢**

## Photo-Flash Calculator

A handy calculator that tells you the right aperture values for different numbers and sizes of lamps.

PH5086—EACH..... **45¢**



## GENERAL ELECTRIC Photoflood Bulbs

Efficient photoflood bulbs for professional, commercial and amateur photography. No. 1 (size of a 60 watt lamp) and No. 2 (size of a 150 watt bulb) available in standard and Daylight types. The Daylight bulbs (blue glass) are specially designed for use with Kodachrome full color film. Ratings shown are for 115 volts. POSTPAID IN U.S.A.

Stock No.	Model No.	Light Output	Current Drain	Rated Life	NET EACH	6 FOR
PH8080	1	750 watts	250 watts	2 Hrs.	\$0.20	\$0.80
PH8082	1 Day.	750 watts	250 watts	2 Hrs.	.50	2.00
PH8081	2	1500 watts	500 watts	6 Hrs.	.40	1.60
PH8083	2 Day.	1500 watts	500 watts	6 Hrs.	1.00	4.00
PH8084	2R*	1500 watts	500 watts	6 Hrs.	1.10	4.40

\* Special "mushroom" type bulb that is a combined lamp and reflector. Has inside frost and inside coating of mirror aluminum.

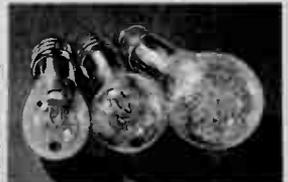
## GENERAL ELECTRIC Photoflash Bulbs

No. 7 is 4" long. All for 3 to 125 volts a.c. or d.c. except No. 11 and No. 16 which are for low voltage operation only.

No.	Model	Lumen Sec.	Flash	Each	4 FOR
PH8056	7	25 to 30,000	1/50 Sec.	\$0.18	\$0.72
PH8059	11	18 to 22,000	1/60 Sec.	.15	.60
PH8057	15	32 to 40,000	1/55 Sec.	.18	.72
PH8060	16	40 to 45,000	1/40 Sec.	.20	.80
PH8058	21	50 to 60,000	1/50 Sec.	.20	.80
PH8061	75	180,000	1/15 Sec.	.75	3.00

## WABASH Superflash Bulbs

All employ the patented "Sure Fire" hydrolanium all wire elements that give 100% usable light, split second synchronization and "long peak" flash of uniform intensity. Have the famous blue "safety spot". Cannot be shipped by mail; sent express.



No. 0: "Peanut" size, 22,500 lumen seconds, flash duration 1/30 second. For general work.

PH8050—YOUR COST EACH..... **14¢** 6 for..... **69¢**

No. 1: Light output 30,000 lumen seconds, flash duration 1/25 sec. Small size. For synchronization.

PH8051—YOUR COST EACH..... **17¢** 6 for..... **89¢**

Press 40,000: Light output 40,000 lumen seconds, flash duration 1/22 second. For press work.

PH8076—YOUR COST EACH..... **17¢** 6 for..... **89¢**

No. 2: Light output 56,000 lumen seconds, flash duration 1/20 second. For distant work.

PH8052—YOUR COST EACH..... **22¢** 6 for..... **\$1.00**

No. 2A: Light output 75,000 lumen seconds, flash duration 1/12 second. For synchronizers.

PH8053—YOUR COST EACH..... **27¢** 6 for..... **\$1.29**

No. 3A: Light output 100,000 lumen sec., flash duration 1/14 sec. For color work, large areas, etc.

PH8054—YOUR COST EACH..... **32¢** 6 for..... **\$1.59**

No. 3: Light output 140,000 lumen seconds, flash duration 1/14 second. For large areas; distance.

PH8055—YOUR COST EACH..... **54¢** 6 for..... **\$2.69**



# Lafayette Reflectors

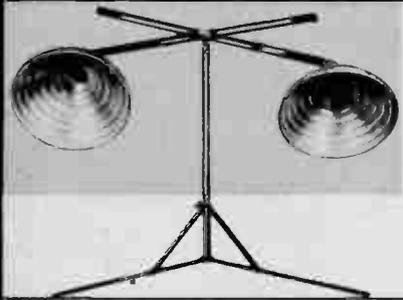
Highly efficient instruments for use in the home or in the studio. Constructed of heavy spun aluminum with parabolic, corrected reflecting surfaces which provide maximum concentration and exceptionally uniform distribution of light in the "camera area". Rubber covered grips hold tightly anywhere without damage to anything. Strong nickel-plated ball and socket swivel. Push switch socket and 6 ft. cord and plug.

- PH8002—Lafayette Reflector, 12" size for No. 2 Photoflood. Shpg. wt. 3 lbs. **\$1.39**
- YOUR COST **89¢**
- PH8001—Lafayette Reflector, 10" size. For No. 1 Photoflood. Shpg. wt. 3 lbs.
- YOUR COST **\$1.09**
- SPOT-LITE Model. Similar in construction to above, but with a narrowed reflector for casting a spotlight glow. 5" dia. reflector. The most portable and convenient of all photographic lights. Shpg. wt. 3 lbs.
- PH8003—YOUR COST **\$1.09**

## LAFAYETTE Twin-Lite Stand

A sturdy extension tubular steel stand for use with one or two clamp-on reflectors, such as the Lafayette reflectors above. Only 21 inches closed, extends to over 6 feet, with 20 1/2" crossbar. Lock ring holds legs firmly.

- PH8006—Shpg. wt. 2 lbs. YOUR COST **\$2.19**



## BRITE LIGHT Twin Reflectors

The reflectors can be placed at will to throw light from many different angles. Reflector arms are attached to a solid steel tripod having adjustable height up to 6 ft.; adjustable arms add 2 1/2 feet to height. Arm spread is 4 1/2 feet; reflectors may also be placed close together. Two 11" diameter silvered reflectors accommodate No. 1 or No. 2 photoflood bulbs and are attached to push-through sockets mounted on ball-swivel joints. With two 8-foot approved cord sets. Wt. 12 lbs.

- PH8007—Twin Reflectors, less bulbs. List Price \$7.50. YOUR COST **\$6.69**

## New "Floating" Reflector Lamps

"Floating" is most descriptive of the action, flexibility and ease of operation afforded by these new type reflector lamps. The reflector is "floating" through the air to any desired position, and light directed at any angle with the tips of the fingers. Both arms of the lamp are scientifically balanced in all positions by a spring (not by friction). Double arms permit any horizontal or vertical position adjustments; double swivel at the lamp socket permits angular adjustment and pivoting; the entire lamp can be rotated in a full circle. Both models have: horizontal arm extension of 34"; vertical extension 34" above and 26" below base, and rotates 360 degrees at base; joint at lamp socket turns 220 degrees and rotates 360 degrees on tube arm.



### Clamp-On Lamp

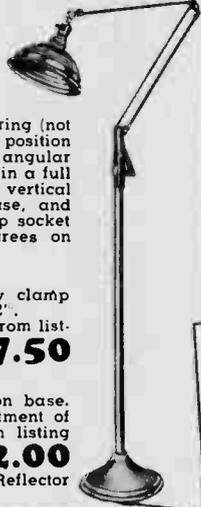
Shown at left. Has malleable iron screw clamp base for clamping to any thickness up to 2".

- With cord, plug, and reflector—specify your choice from listing below. Statuary Bronze Finish. PH8028—YOUR COST, POSTPAID IN U.S.A. **\$7.50**

### Floor Stand Model

Shown at right. Has heavy 10" diameter malleable iron base. Height of standard from floor to arm 45"; vertical adjustment of arm is from 9 to 69" above floor—specify reflector from listing below Statuary Bronze Finish.

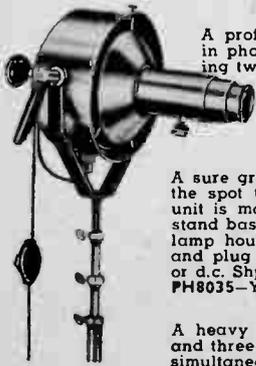
- PH8029—YOUR COST, POSTPAID IN U.S.A. **\$12.00**
- PH8031—12" diameter Reflector PH8033—Spotlight type Reflector
- PH8032—10" diameter Reflector PH8035—YOUR COST



## DeLuxe Photo Spot Light

A professional type spot light that serves innumerable purposes in photo taking. The lens system consists of three lenses, including two condenser and one focusing lens. Light is concentrated on the desired spot; there is no dispersion. The well ventilated lamp house can take either photoflood or standard spot light lamp in an adjustable mount; screw adjustment on the back of the housing permits moving the lamp forward or back. Size of the spot is fully variable; adjustment control on the telescoping lens tube.

A sure grip handle is provided so that the operator can easily direct the spot to any desired location, using only one hand. The entire unit is mounted on a three section telescoping tube with collapsible stand base. Will extend over 6 ft. in height. Stand is cadmium plated; lamp house and lens tube of highly polished aluminum. With cord and plug having built-in feed through switch. For 105-125 volts a.c. or d.c. Shpg. wt. 12 lbs. **\$14.89**



### Trio-Tap Extension Cord

A heavy duty 15-foot extension cord. Has bakelite plug-at one end and three-way tap at the other so that up to three lights can be used simultaneously. Shpg. wt. 1 lb. **\$49¢**

- PH9386—YOUR COST EACH **\$49¢**

## MARSHALL'S Oil Colors



Permanent, transparent oil paints for coloring photographs. Spread evenly and smoothly. Easy to apply, no mixing or brushes necessary.

### Complete Set No. 2

For advanced color work. Contains twenty 1/2x2" tubes of colors to take care of every requirement. Also contains one tube of Medium, bottle of turpentine, bottle of varnish, cotton, skewers, drier, extender, glass palette, tin cup and instructions. Shpg. wt. 6 lbs. Reg. Price \$4.90. **\$3.98**

- PH9240—YOUR COST **\$3.98**

### Students Set

Contains eight 1/2x2" tubes of colors, prepared Medium, cotton, skewers and instructions. Wt. 2 lbs. **\$1.79**

- PH9241—YOUR COST **\$1.79**

## Retouching Outfit



Improve your best negatives — or produce excellent prints from seemingly hopeless negatives. The outfit in a metal case with built-in mixing palette, contains 22 different materials, plus a 32-page booklet "Retouching for the Amateur". Includes 1/2 oz. each of: spirits of turpentine, ammonia, pumice, alcohol, varnish and opaque; 1 dram each of india ink, white, sepia, red. Also 1 art gum, 1 pencil eraser, 1 paper stump, 3 drawing pencils, 2 camel's hair brushes, 1 5" metal edged ruler, 1 etching pen, 1 sand-paper block, 1 eye-dropper and the 32 page booklet. Professional results can be obtained. Wt. 6 lbs. **\$3.49**

- PH2603—YOUR COST **\$3.49**

## VICTOR Spotting Colors

For spotting or retouching prints. Dissolve readily and adhere perfectly. Colors are on fibreloid sheets, swiveling between cardboard covers. Covers protect colors from dust. Use a moistened spotting brush to pick up color directly from the card.

- No. 0 Set: 1/4" heavy circles of black, photo brown and sepia on 1 card. **17¢**
- PH8726—YOUR COST **17¢**
- No. 1 Set: 3" heavy circles of black, brown and sepia on individual cards. **40¢**
- PH8727—YOUR COST **40¢**



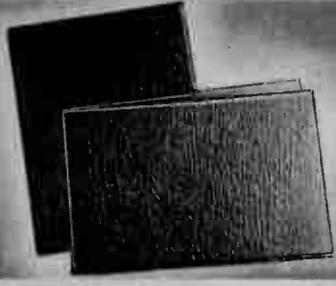
RETOUCHING KNIFE: All metal. Ideal for retouching negatives and prints, for cutting mats, etc. With one blade. **45¢**

- PH8737—YOUR COST **45¢**
- PH8738—Extra Blades, Each **9¢**

OPAQUE: For outlining or blocking on negatives.

- PH8750—3/4 oz. Tube **21¢**
- Large Tube, 1 3/4 oz. **35¢**
- PH8751—EACH **35¢**
- 3/4 Ounce Jar. **21¢**
- PH8752—EACH **21¢**

# Improve your prints with the proper mounting



## Leather Photograph Albums

Provide an excellent method for keeping your valuable photos in proper sequence and in the proper setting. **Genuine leather** with 50 pages. Additional pages can be added at any time. Rich silk tasseled cord binding. "Photographs" on cover in gold.

No.	Size	EACH	No.	EACH
PH9425	7x11	\$0.95	PH9426	19c
PH9400	10x12	1.95	PH9401	39c
PH9402	11x14	2.95	PH9403	49c

Refills—1 Doz.

Nu-Ace Mounting Corners: Black only. Approx. 100 to package.

PH9404—YOUR COST... 8c 4 for... 29c

## Spiral Bound Albums

New type photo albums that open **FLAT** because of the unique spiral binding. Consist of 50 blank black pages of heavy paper between durable Fabricoid covers. The binding is entirely covered; books are neat and attractive. Provide an excellent means for keeping your favorite prints in proper sequence and in a truly artistic setting. Offered at a real "money saving" price.

PH9438—Horizontal type. 7" high by 11" wide. Shpg. wt. 2 lbs.

PH9439—Upright type. 10" high by 8" wide. Shpa. wt. 2 lbs.

**YOUR COST EACH, Either Type \$1.09**

## FOTOFOLIO Albums

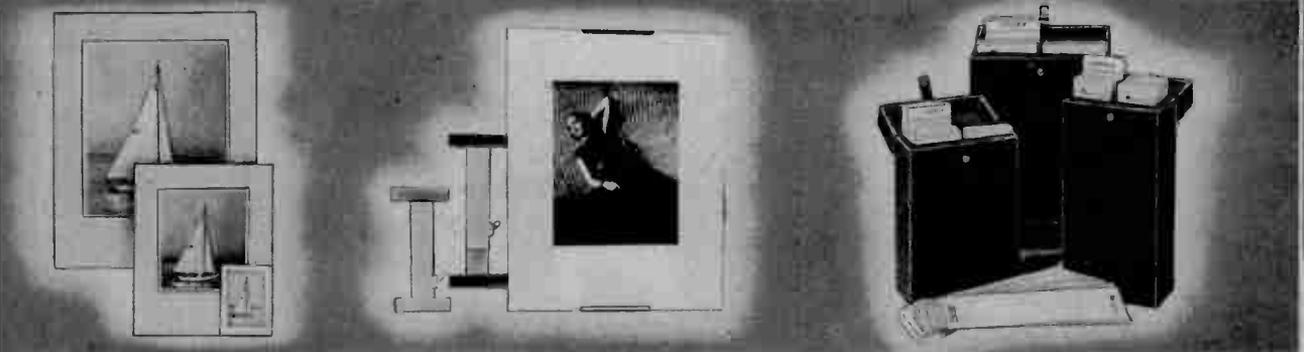
The new streamlined method of mounting and preserving snapshots. Convenient library volume size. **POSTPAID IN U.S.A.**

PH9405—Heavy Levant grain "Range Finder" model. Capacity 224 pictures. Gummed hinges fastened to leaves. **YOUR COST EACH... \$2.95**

PH9406—"Tourist" model, "Kivar" cover. Holds 192 prints. **YOUR COST EACH... \$1.69**

PH9407—"Projector" Model. 192 prints. With 25 tabs. **YOUR COST... 95c**

PH9408—Pkg. of 25 tabs... 8c 4 for 29c



## "ULTRA" Mat Inslip Mounts

These mounts dress up any enlargement and give it real salon quality. Actual sizes and proportions of your negatives have been precisely figured so that all of the finished print will show in the "Ultra" mount. No trimming—no cutting—no cropping. The design is simple and artistic. Mounts are made of choice antique stock; inserts leather deckled on all sides.

### VERTICAL MOUNTS

Stock No.	Film Size	Size Opening	Outside Dimens.	YOUR COST Each	Per Doz.
PH5152	Half 120	3 1/8 x 3 3/4	5 1/2 x 6 1/2	9c	89c
PH5153	35 MM	3 x 4 1/2	5 1/4 x 7 1/2	10c	94c
PH5154	35 MM, 120	4 1/2 x 6 1/2	7 x 10	10c	98c
PH5155	116	4 1/2 x 7 1/2	7 x 11	11c	\$1.09
PH5156	Half 120	5 1/4 x 6 1/2	7 1/2 x 9 1/4	10c	98c
PH5157	118	6 x 8	9 1/2 x 13	15c	1.49
PH5158	35 MM, 120	6 1/2 x 9 1/2	10 1/2 x 14 1/2	16c	1.59
PH5159	116, 122	6 1/2 x 10 1/2	10 1/2 x 15 3/4	17c	1.64
PH5160	Half 120, 118	7 1/2 x 9 1/2	11 1/2 x 15	17c	1.64
PH5161	116, 122	8 1/2 x 14 1/2	12 1/2 x 20	28c	2.69
PH5162	120, 118	10 1/2 x 13 1/2	16 x 20	28c	2.69

### HORIZONTAL MOUNTS

PH5163	Half 120	3 3/4 x 3 1/8	5 3/4 x 5 7/8	9c	89c
PH5164	35 MM	4 1/2 x 3	6 3/4 x 6	10c	94c
PH5165	35 MM, 120	6 1/2 x 4 1/2	9 x 8	10c	98c
PH5166	116	7 1/2 x 4 1/2	10 x 8	11c	\$1.09
PH5167	Half 120	6 1/2 x 5 1/4	8 3/4 x 8 7/16	10c	98c
PH5168	118	8 x 6	11 1/2 x 11	15c	1.49
PH5169	35 MM, 120	9 1/2 x 6 1/2	13 1/4 x 11 1/2	16c	1.59
PH5170	116, 122	10 1/2 x 6 1/2	14 1/2 x 11 5/8	17c	1.64
PH5171	Half 120, 118	9 1/2 x 7 1/2	13 1/2 x 13	17c	1.64
PH5172	116, 122	14 1/2 x 8 1/2	18 1/2 x 14	28c	2.69
PH5173	120, 118	13 1/2 x 10 1/2	19 x 17	28c	2.69

## Mounting Boards

Heavyweight Exhibition boards, white on one side and buff on the other. Have pebble-grained surfaces that add greatly to the appearance. Available in two standard sizes. Shpg. wt. 1 lb.

Stock No.	Size	Each	6 For
PH5174	16x20"	10c	55c
PH5175	11x14"	8c	42c

## "BRAQUETTE"

The beautiful, modern, convenient way to mount your fine prints. Fully adjustable, hangs or stands on its easel mount, and it lasts forever. Ideal for the gallery or studio. All metal.

### SHIPPED POSTPAID IN U.S.A.

No.	Height Finish	Each
PH8760	9-14" Chrome	\$2.00
PH8758	9-14" Brass	6 For \$10.20
PH8761	14-24" Chrome	
PH8759	14-24" Brass	

### 16x20" "Exhibit" Mounts

Made of deluxe antique surface material with neat beveled opening. Outside diam. 16x20".

Vertical Stock No.	Opening	Horizontal Stock No.
PH5180	8x10"	PH5181
PH5182	11x14"	PH5183

**YOUR COST... 29c FOR \$2.89**

## Lafayette

### Negative Files

Beautiful levant grain cases made of one piece and sturdy enough to withstand years of service. Snap-on hinged tops. In three sizes: No. 1 for 35 millimeter and Bantam negatives; No. 2 for vest pocket (127) negatives; No. 3 for No. 116 and No. 120 negatives. All provided with 100 superfine glassine envelopes and index cards. Shpg. wt. 3 lbs.

PH9409—Size 1 }  
PH9410—Size 2 } **\$1.49 Ea.**  
PH9411—Size 3 }

Extra packets of 100 glassine envelopes plus index cards.

PH9412—For size No. 1.  
PH9413—For size No. 2.  
PH9414—For size No. 3.

**YOUR COST, Any Size... 49c**

## Lafayette FOTO-STIK

Lafayette offers the newest and finest liquid mounting adhesive ever developed for photographic use. Superior to rubber cement in every way. Applied like thin mullage, it flows freely; yet, when dry, surplus can be erased by rubbing with the finger tips or a dry cloth. FOTO-STIK is Non-Inflammable, Non-Warping, Non-Staining and Non-Curling. In small bottle or cans.

PH9415—4 Ounce bottle. Shpg. wt. 1 lb. **YOUR COST... 29c**

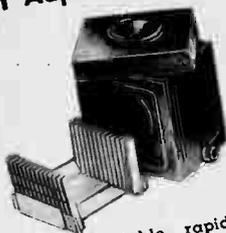
PH9416—1 Pint can. Shpg. wt. 2 lbs. **YOUR COST... 89c**

PH9417—1 Quart can. Shpg. wt. 3 lbs. **YOUR COST... \$1.49**



# FILM TANKS AND Accessories

## ELKAY Adjustable Tank



The Elkay adjustable rapid-loading tank develops, washes and fixes in daylight. Solution contacts all films evenly. Bubbles will not form on the negatives. Drains through plug at base without tilting or turning tank. Loads a dozen negatives at a time. Negative holders of stainless steel—won't erode or stain. Holders fit 6x9 cm. 2 1/4" x 3 1/4" 3 1/4" x 4 1/4", 9x12 cm. and 4" x 5". Fool-proof fixture prevents any errors in loading negatives. Tank cover is absolutely light-tight. Tank body of Vulcanite. **POSTPAID IN U.S.A. \$5.95**  
PH9251—YOUR COST.....



## FEDCO Adjustable Tank

Made of chemical resistant bakelite. Has the new "red top" Snap Lock cover that can't come off accidentally and fog the film. Simple to load. Has wide funnel for filling and side vent for pouring. The spiral feed reel is adjustable for all sizes from 35mm (36 exposures) to No. 116 inclusive. The superior design and construction, plus the new low price, makes this tank unusual. Shpg. wt. 3 lbs. **PH9260—Fedco Adjustable Tank, with reel and agitator. \$2.49**  
YOUR COST.....

### Fedco 35 Mm. Tank

As above, but reel is for 35mm (36 exposures) film only. **\$1.89**  
PH9250—YOUR COST.....

## F-R Cut-Film-Pack Tank



Here is the answer to the widespread demands of photographers everywhere. Adjustable, sturdy moulded Bakelite, takes all film pack and cut film up to 4x5" or 10x12.5 cm. Simple to operate. Develops, fixes and washes the entire film evenly (top and bottom). Processes up to 12 films at one time. Processes buckle. An ingenious film retainer binds each film securely yet permits it to be loaded and unloaded with ease. Resistant to all chemicals, acids and alkalis. **PH9252—YOUR COST \$9.95**  
**SHIPPED POSTPAID IN U.S.A. ONLY**

## Glass Graduates



Made of strong laboratory glassware these highly accurate graduates will withstand considerable abuse and give many years of reliable service in your dark room. The sparkingly clear glass is very plainly marked for the accurate measurement of chemicals for compounding your own formulas for developing, fixing, toning, etc. Deep pouring lip.

No.	Cap.	Wt.	EACH
PH8300	4 oz.	1 lb.	9c
PH8301	8 oz.	2 lbs.	16c
PH8302	16 oz.	3 lbs.	26c
PH8303	32 oz.	4 lbs.	44c

## Heavy Ribbed Glass Funnels



Extra strong fluted glass funnels. Heavy ribs inside the funnel for extra strength and solution guide in filtration. Fit easily into narrow necked bottles. **PH8350—1/2 pint size. \$23c**  
YOUR COST EACH.....  
**PH8351—1/4 pint size. \$29c**  
YOUR COST EACH.....  
**PH8352—1/2 pint size. \$35c**  
YOUR COST EACH.....

## Dark Brown Bottles With Screw Caps



All of your chemicals should be kept in dark bottles. **PH9380—1 Pint. \$13c**  
EACH.....  
**PH9381—1 Quart. \$18c**  
EACH.....  
**PH9382—1/2 Gallon. \$22c**  
EACH.....  
**PH9383—1 Gallon. \$41c**  
EACH.....

## F-R Adjustable Tanks Model C—"Double Header"



Latest model. Will process two rolls of 35 mm. film (36 exposures) at the same time, and is adjustable to take single rolls of all film up to and including No. 116. All parts of the tank and reel are constructed of Bakelite—unaffected by photo chemicals, acids or alkalis, and easily cleaned. The lid is completely light tight, and all operations except loading the film may be carried out in

bright light. The molded bakelite spiral reel has tension snaps. Complete with agitator rod and instructions. **PH9254—Model C Tank. \$4.28**  
YOUR COST.....  
**PH9253—As above, but with reel for single film, 35 mm. to 116 size (takes PH9256). \$3.38**  
YOUR COST.....  
**PH9257—F-R tank for single 35 mm. (36 exposures) film only. \$2.25**  
YOUR COST.....  
**PH9256—Double reel flange only, for use with PH9253. 90c**  
YOUR COST.....  
**PH9255—Double reel spiral only. \$2.34**  
YOUR COST.....  
**ABOVE SHIPPED POSTPAID IN U.S.A. ONLY.**



## DUPONT Sponges

Unbeatable for drying negatives. Easily cleaned. No. 4 size. **PH8673—EACH \$35c**  
**PH8674—No. 6 size. 60c**  
**PH8675—Pair sponges on steel handle. \$1.00**  
YOUR COST.....  
**SHIPPED POSTPAID IN U.S.A.**

## Photo Chamois

100% oil tanned. Specially prepared to remove dust and clean film without scratching the finest emulsion. **PH8721—8"x10", EACH \$23c**  
**PH8722—10"x16", EACH \$46c**  
YOUR COST EACH.....

## Thermometers

**PH8697—Tank type, at left for tank or tray use. Curved graduate 30 to 120 degrees F. \$39c**  
YOUR COST.....  
**PH8698—Lafayette Stirring rod with flattened end for crushing and stirring chemicals. 20 to 180 degrees F. \$59c**  
YOUR COST.....  
**PH8699—F-R tank type for any developing tank. 50 to 90 degrees F. Postpaid in U.S.A. \$1.25**  
YOUR COST.....

## Hypo Drain



Now you can convert any sink or tub into a highly efficient print washer that will quickly rid them of all hypo. Its unique construction washes your prints and films hypo-free in 40% less time. **PH8696—EACH \$1.39**

## F-R Roll Film Developing Kits



A practical time saving outfit built around the popular Fink-Roselieve roll film tank. Outfit comprises: 1 New Model "C" adjustable roll film tank; 1-bottle Quinolin, concentrated developer; 1-bottle of Fixol, concentrated acid-fixing hardening solution; 2 extra heavy metal clips. **PH2604—YOUR COST. POSTPAID IN U.S.A. \$3.87**  
FINE-Grain Kit  
Consists of: 1-Adjustable roll film tank, the new type, so versatile in 35 mm. film development; 1-bottle of X-33, F-R's new Thermolecular fine grain developer (details on page 33); 1-bottle Fixol concentrated acid fixing-hardening solution; 1-Tank Thermometer; 1-Set Viscose Sponges on spring steel handle; two extra heavy metal clips. **PH2600—YOUR COST. POSTPAID IN U.S.A. \$5.29**  
35 Mm. Fine-Grain Kit  
Similar to above, but with roll film tank for 35 mm. film only. **POSTPAID IN U.S.A. \$4.95**  
PH2601—YOUR COST.....

# Dry Chemicals

**AGFA**  
Chemicals

**F-R**  
Chemicals

## MONOTOL (Metol)

AGFA photographic chemicals are noted for their excellent quality. Absolutely pure and clean—granular chemicals are notably free from dust. Prepared formulas are accurately compounded and give consistent results without variation from batch to batch. All chemicals are properly packed in suitable containers to keep them free of contamination.

No. 17 Developer—Fine grain borax-type developer. Keeps well and gives negatives with long scale of gradation. Normal film speed.

PH9134—1 qt. size..... 23c  
PH9135—1/2 gallon size..... 32c

No. 103 Developer—universal type developer for films, plates and papers. Normal emulsion speed.

PH9132—1 qt. stock solution.  
YOUR COST..... 23c

PH9133—1/2 gallon stock solution.  
YOUR COST..... 36c

No. 135 Developer—(W.S.) a paper developer for rich warm black tones.

PH9130—1 qt. stock solution.  
YOUR COST..... 23c

PH9131—1/2 gallon stock solution.  
YOUR COST..... 32c

Fine Grain Developer—special formula for fine grain film development. Each tube makes 8

oz. for tray or 20 ozs. for tank.

PH9129—per carton of 5 tubes 68c

Acetic Acid (Glacial)—for preparing short stop rinse and fixing baths. Reduce to 28% by adding 8 parts water to 3 parts acid.

PH9000—1 lb. bottle..... 38c

Acid Hypo—prepared fixer.

PH9122—1 qt. size..... 14c  
PH9123—1/2 gallon size..... 23c  
PH9125—1 gallon size..... 41c

Potassium Chrome Alum—this pure chemical is in granular form. Easily dissolved.

PH9001—1 lb. can..... 26c

Sodium Bisulphite—pure dry form.

PH9002—1 lb. bottle..... 27c

Sodium Thiosulphate (Hypo)—In rice crystal or granular form. For preparing fixing baths.

PH9003—1 lb. carton..... 14c  
PH9004—5 lb. carton..... 45c

Intensifier (Copper)—this intensifier is in powder form and is dissolved in water for use.

PH9169—10 gram bottle..... 27c

Reducer—in powder form and is dissolved in water for use. Excellent for reducing dense overdeveloped negatives.

PH9168—10 gram bottle..... 23c

Retouching fluid—used on negatives to provide a surface that will "take" pencil marks. Easily removed when necessary.

PH9167—2 oz. bottle..... 41c

Fink-Roselieve chemicals and formulas are well known for their stability and purity. All are packed in convenient amounts for amateur and professional use in properly designed containers.

Diatol—A modern developing agent especially designed for fine grain negatives. Used in combination with Monotol and Glycin to make the famous X-33 developer.

PH9010—1 oz. bottle..... 68c  
PH9011—1/4 lb. bottle..... \$2.25

Glycin—pure white in color and easily soluble in the presence of Sodium Sulphite. Chemically pure and stable.

PH9013—1 oz. bottle..... 45c  
PH9014—1/4 lb. bottle..... \$1.35

Hydroquinone—Absolutely uniform in quality and purity. Excellent keeping qualities. Easily soluble.

PH9016—1 oz. bottle..... 20c  
PH9017—4 oz. bottle..... 52c  
PH9018—1 lb. bottle..... \$1.55

Monotol—(Metol)—a universally used developing agent used alone or in combination with other types. Pure white in color and easily soluble in cold water. May be substituted in place of Metol in equal quantities in any formula.

No. Size EACH

PH9020—1 oz. bottle..... 42c  
PH9021—4 oz. bottle..... \$1.17  
PH9022—1 lb. bottle..... 4.13

Potassium Bromide—Granular U.S.P. Exceptionally uniform quality and physical appearance. Use it to compound your own formula or add it to other suitable prepared formulas to prevent fog, to clear highlights or to add warmth of tone.

No. Size EACH

PH9024—1 oz. bottle..... 11c  
PH9025—4 oz. bottle..... 21c  
PH9026—1 lb. bottle..... 56c

Potassium Alum—absolutely pure, stable and easily soluble.

No. Size EACH

PH9028—1 lb. can..... 15c  
PH9029—5 lb. can..... 68c

Sodium Carbonate—(Monohydrated). Free flowing, pure and highly soluble.

No. Size EACH

PH9030—1 lb. can..... 17c  
PH9031—5 lb. can..... 50c

Sodium Sulphite Anhydrous—will not cake even through prolonged exposure to moist atmosphere.

No. Size EACH

PH9032—1 lb. can..... 19c  
PH9033—5 lb. can..... 77c

## TABLOID Chemicals and Photo Toners

Tabloid products are unique in that they eliminate the need for measurement or weighing because all are put up in tablet form. Just add one or more tablets as directed to water and you have the correct formula accurately compounded—no waste—no bother. All Tabloid chemicals SHIPPED POSTPAID IN U.S.A.

PH9038—Blue Toner.  
Tube of 12 prs..... 70c

PH9039—Green Toner.  
Tube of 12 prs..... 70c

PH9040—Sepia Toner.  
Tube of 12 prs..... 70c

PH9041—Copper Ferrocyanide Toning Compound.  
Per tube of 15 tablets..... 75c

PH9042—Yellow Toner.  
Per tube of 12 pairs..... \$1.00

Universal Developer—for films and papers. 25 tablets each of "Rytol" and "Rytol Accelerator."  
PH9194—Carton..... 60c

## EASTMAN KODAK Chemicals

The name Eastman Kodak alone is sufficient guarantee of the high quality of these chemicals. Unsurpassed for purity and stability. Tested formulas that give consistently fine results. Expertly packed in contamination-proof containers.

### D-72 Developer

The accepted standard for both contact and enlarging papers. It is also used for some types of film development, particularly in press work. Results on paper can be varied from soft to hard by varying proportions of stock solution to water. Normally used 1:4. Quantities given below for stock solution. In double can.

PH9138—1 quart.  
Wt. 1 lb. YOUR COST..... 23c

PH9139—1/2 gallon.  
Wt. 2 lbs. YOUR COST..... 32c

### D-52 Developer

A paper developer especially suited for chloro-bromide and chloride papers. Gives warm tones. Quantities given are for stock solution. Wt. 1 lb.

PH9150—1 quart. YOUR COST 20c  
PH9151—1/2 gallon. Wt. 2 lbs. YOUR COST..... 27c

### New! DK-20

### Fine Grain Developer

Eastman's latest development in an ultra fine grain film developer. Temperature tolerance from 60° to 90° F. Soft working—good shadow detail. Wt. 1 lb.

PH9142—1 pint. YOUR COST 32c  
PH9143—1 quart.  
Wt. 1 lb. YOUR COST..... 45c  
PH9144—1 gallon.  
Wt. 2 lbs. YOUR COST..... 90c

### D-76 Developer

A standard fine grain developer for films that produces a medium fine grain. Temperature tolerance 60° to 75°. Soft working with maximum shadow detail.

PH9140—1 quart.  
YOUR COST..... 23c  
PH9141—1/2 gallon.  
YOUR COST..... 32c

Acid Fixing Powder

PH9118—1/2 lb. (makes 1 qt.)  
YOUR COST..... 14c  
PH9119—1 lb. (makes 2 qts.)  
YOUR COST..... 23c

Fine Grain Developer—for films only. 15 tablets each of "A" and "B" enough for 15 solutions.

PH9195—Carton..... 60c

Tancol Developer—film developer having a temperature tolerance up to 75° F. Stains and intensifies image 50%. 40 pairs of tablets.

PH9196—Carton..... 60c

Desensitizer—permits developing "pan" films by inspection under safelight. 25 tablets to a tube.

PH9197—per tube..... 60c

Reducer—Ammonium persulphate. Tube of 15 tablets.

PH9046..... 35c

Chromium Intensifier—makes thin weak negatives printable. Bottle of 25 tablets.

PH9198—per bottle..... 35c

Mercuric Iodide and Sodium Sulphite Intensifier—preferred by many amateurs and professionals. Tube of 15 tablets.

PH9199—per tube..... 50c

Potassium Bromide—30 one gr. tablets. PH9047—per carton..... 35c

Sodium Carbonate—22 forty-four gr. tablets per bottle.

PH9048—per bottle..... 35c

Sodium Sulphite (Dried)—50 tablets of 5 gr. each (equivalent to 10 gr. per tablet of ordinary Sodium Sulphite crystals).

PH9049—per bottle..... 35c

Reversing compound for direct color photography..... 85c

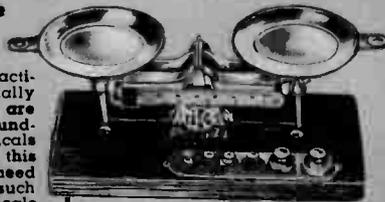
PH9044..... 85c

## EASTMAN KODAK Studio Scales

- ★ Highly Accurate
- ★ Two Models
- ★ Beautiful Finish

The formulas for practically all commercially produced developers are available for compounding from pure chemicals such as listed on this page. All that you need is an accurate scale such as the Kodak Studio Scale pictured here. It is made of the finest nicked steel with a mahogany base. Beam is calibrated in both metric and avoirdupois systems for minor weights. Pan weights supplied in either system.

PH8740—Kodak Scale with Metric pan wts.  
PH8741—Kodak Scale with Avoirdupois wts.  
YOUR COST, EITHER TYPE..... \$3.89



## Pure Acid Fixing Powder

In Lafayette Acid Fixing Powder you get the finest, freshest "hypo" ever prepared. Not only have the purest chemicals been used in its preparation, but Lafayette Acid Fixing Powder is packaged so that it will retain its freshness, in its original carton, for a greater length of time than any other. A "lacquer-lined" container with metal top seals in the full strength so that your film and prints receive the full "fix" qualities. Rice-grain size crystals prevent clumping, dissolve more readily. The acid hardener is contained in a separate sealed carton within.

PH9116-5-Pint (80 oz.) Size. **18¢**  
YOUR COST.....  
PH9117-5-Quart (160 oz.) Size. **29¢**  
YOUR COST.....

## Lafayette M-Q Tubes

Highest grade photo-chemicals for use with all types of film and contact or projection paper.  
PH9148-YOUR COST. **5¢**  
EACH.....  
Pack of 6.....24¢ 24 for.....84¢

## LAFAYETTE Chemicals



## Lafayette MINIGRAIN Super-Fine Grain Developer For Amateur and Professional Use

Thousands of photographers who have used this really exceptional fine-grain developer have confirmed our belief that in Lafayette Minigrain we are offering one of the world's greatest developers. Capable of providing negatives producing tremendous enlargements with no trace of grain. Contrast can be controlled. Superior to other fine-grain developers because of the unique method of preparation in which the chemicals are placed in absolute solution without the aid of any heat whatsoever, thereby giving a 100% working efficiency of each component. Try a quart of Minigrain—the developer experts use. Complete, easy to follow instructions are included with each bottle. Shipping weight 5 lbs.  
PH9136-32-Ounce Bottle (1-Qt.) **\$1.19**  
YOUR COST  
SPECIAL.....

## DEFENDER Photographic Chemicals



H. Harvey "777" Panthermic—Can be used at temperatures up to 90° F. without danger of frilling or softening of the emulsion. Fine grain. Full speed (no increase in exposure time). Develops 21 rolls of 35 mm film, or equivalent. Wt. 2 lbs. **\$2.39**  
PH9108—Panthermic "777" List \$3.00. YOUR COST.....  
Defender 6-D Film Developer—For all roll and cut film. **28¢**  
PH9109—No. 1 Size 6-D (1 quart).....**56¢**  
PH9110—No. 2 Size 6-D (1 gallon).....**1.39**  
PH9111—No. 3 Size 6-D (3½ gallon—tank size).....  
Defender 55-D Paper Developer—For portrait prints and enlargements. Beautifully soft results. Excellent for contact prints. **33¢**  
PH9112—No. 1 Size 55-D (40 oz.).....**42¢**  
PH9113—No. 2 Size 55-D (64 oz.).....**59¢**  
PH9114—No. 3 Size 55-D (128 oz.).....**47¢**  
PH9115—Tubes 55-D.....Each 9¢ 6 for.....

## HYPO-SHARP Hypo Test Outfit

A delicate reagent which easily shows as little as one part of hypo in 50,000 parts of water. Far more sensitive than permanent test. Kit includes reagent sufficient for 500 tests, two graduated tubes and a handy tube support. **95¢**  
PH8706—YOUR COST FOR COMPLETE KIT.....

## MARSHALL Photographic Chemicals



Make-A-Tube Developer—Contains sufficient chemicals to make the equivalent of 24 tubes. Popular "M Q" formula for film and paper. Shpg. wt. 2 lbs. PH9137—YOUR COST..... **44¢**  
Make-A-Fix—Makes 12 pints of acid fixing bath. Contains measures for making 1 pint at a time. For films and papers. Shpg. wt. 4 lbs. PH9105—YOUR COST..... **49¢**  
Make-A-Chrome—Short stop and hardener, prevents softening, frilling and reticulation. Contains measures for preparing ½ or 1 pint at a time. Makes 24 pints. PH9106—YOUR COST..... **59¢**  
Make-A-Stop—Stops print development instantly—keeps whites clear. Contains measures to prepare ½ or 1 pint at a time. Makes 24 pints in all. PH9107—YOUR COST..... **28¢**  
Intensifier—For increasing negative contrast and density. 8 oz. tube. PH9170—YOUR COST..... **39¢**  
Sepia Toner—Concentrated single solution toner (dilution about 196 to 1) 4 oz. bottle. PH9171—YOUR COST..... **44¢**  
Desensitizer—To permit developing of sensitive films by inspection under safelight. 4 oz. bottle. PH9172—YOUR COST..... **47¢**  
New 2 Minute Fixer—For rapid fixing of negatives and prints. Contains "hardener". Sufficient to make ½ gal. and 1 gal. PH9173—½ gal. size..... **23¢** PH9174—1 gal..... **41¢**

## X-33 Thermolecular Fine Grain Developer

Here is the all-temperature, fine grain developer that is the answer to every photographer's prayer. Will produce extremely fine grain for enlargements of practically any magnification. Has a developing range from 65° to 85° Fahrenheit—fog-free long scale gradation—no loss in emulsion speed—non-staining and absolutely stable in all climates and temperature variations. One quart graduated bottle.

PH9100—Shpg. wt. 6 lbs. **\$1.67**  
YOUR COST.....  
PH9101—2 qt. bottle. Wt. 12 lbs. **\$3.11**  
YOUR COST.....

## X-33 in Powder Form

PH9124—Makes 32 ozs. **\$1.13**  
YOUR COST.....

## GDX

An exposure compensating developer for all fine grain work. Produces negatives that are rich in tonal quality, fog-free, amazing detail in shadows. Develops all types of film through the entire exposure range with no loss of emulsion speed. Extremely economical 32 oz. bottles develop 15-17 rolls of 35mm film or equivalent. Full directions included. Wt. 6 lbs.  
PH9145—32 oz. Bottle. **99¢**  
YOUR COST.....

## FINK-ROSELIEVE Chemicals



## Fixol

A highly concentrated liquid acid fixing and hardening solution for all photographic work. Saves the muss and bother of mixing dry chemicals. Ideally suited for fine grain work, as well as other fixing processes. **32¢**  
PH9120—16 oz. Bottle. YOUR COST.....  
PH9121—32 oz. Bottle. YOUR COST..... **54¢**

## Hardener

Can be used as an auxiliary or intermediate short stop and hardener for all films and papers. An ounce in a quart of hypo makes the equivalent of a FIXOL solution. Diluted in water can be used as hardener wash between developer and hypo to prevent frilling, reticulation, etc., in negatives. Saves the nuisance of mixing fresh hardening solution and lasts indefinitely. **27¢**  
PH9102—6 oz. size. **27¢**  
Wt. 2 lbs. ....  
PH9103—16 oz. size. Wt. 4 lbs. .... **50¢**  
PH9104—32 oz. size. Wt. 6 lbs. .... **81¢**

## Quinolin

A universal developer for all prints and negatives (other than fine grain). Develops a brilliant print of pure-black and blue-black with chloride and bromide papers. Concentrated solution, must be diluted with water. Full directions with each bottle. **68¢**  
PH9146—16 oz. Bottle. YOUR COST.....  
PH9147—32 oz. Bottle. YOUR COST..... **\$1.13**

# JUST LIKE PRIVATE INSTRUCTION

Save yourself many hours of useless labor and many dollars worth of wasted material by learning the "how" and "why" from these valuable books, each written by an expert in his particular field.



## PORTRAITURE

By far the greatest number of pictures you make are of people your family, relatives and friends. These books show you how to make flattering portraits. How to light them, process the negative and make the print.

### Modern Portraiture (Jordan)

An advanced text on portraiture for both amateur and professional. Presents the methods of Hollywood Motion Picture Industry as applied to still portraits. Pan-chromatic makeup clearly explained. 125 illustrations.

PH5012 - YOUR COST ..... **\$3.00**

### Portraiture and The Camera (Nattkin)

A complete system of portraiture for the amateur. Complete in every detail, including final retouching.

PH5013 - YOUR COST ..... **\$2.00**

### Your Child's Portrait (DeLardi)

This famous author describes the methods and equipment used in making fine finished child studies. 96 pages.

PH5014 - YOUR COST ..... **\$1.00**

### Let's Make a Portrait (DeLardi)

99 pages, 5 1/2 x 7 1/2", in which the reader is taken through the problems of portraiture.

PH5015 - YOUR COST ..... **\$1.00**

### Pictorial Lighting (Mortensen)

An excellent text on lighting problems. Told in every-day terms. 111 pages, 38 illustrations, 7x10".

PH5017 - YOUR COST ..... **\$2.00**

### Photographic Makeup (Meltmar)

A 218 page text on the art of makeup that covers the subject in exacting detail. Profusely illustrated.

PH5018 - YOUR COST ..... **\$3.50**

### The Story of a Face (Bailey)

A brilliant 128 page book by a competent author. Exceptional illustrations.

PH5019 - YOUR COST ..... **\$2.50**

### Selecting and Posing the Model

Approximately 96 pages, well illustrated, covering all phases of this intriguing subject. An authoritative treatise that is clearly presented.

PH5016 - YOUR COST ..... **75c**

## PHOTO FUNDAMENTALS

Books for the beginner in photography.

### Secret of Exposure (Fraprie)

How to expose under all conditions; use of Mighty helpful too. 5x7 1/2".

PH5022 - YOUR COST ..... **50c**

### Helps for Beginners (Fraprie)

Mighty helpful too. 5x7 1/2".

PH5024 - YOUR COST ..... **50c**

### Elements of Photography (Fraprie)

Newly revised. 72 pages, 5x7 1/2".

PH5023 - YOUR COST ..... **50c**

### Better Photography

AGFA's helpful handbook.

PH5029 - YOUR COST ..... **24c**

### How to Make Good Pictures

EASTMAN'S popular photo handbook.

PH5054 - YOUR COST ..... **44c**

### Better Picture Taking

One of the "How and Why" series.

PH5072 - YOUR COST ..... **75c**

### Elementary Photo Chemistry

EASTMAN'S chemical.

PH5055 - YOUR COST ..... **89c**

### Photography of Colored Objects

EASTMAN'S book on how to use filters, obtain good contrast, etc.

PH5056 - YOUR COST ..... **89c**

### Photographic Darkroom (Wall)

How to equip it, heat it, etc.

PH5030 - YOUR COST ..... **\$1.50**

## ENLARGING

Good enlarging is not difficult to do at least not when you know the right methods to pursue. Let the books written by authorities in this field tell you how to do it simply and easily.

### Projection Control (Mortensen)

Describes the author's methods in achieving the various effects he produces in his famous pictures. 95 pages, 51 illustrations, 7x10".

PH5042 - YOUR COST ..... **\$1.75**

### Photographic Enlarging (Jordan)

Written in a most fascinating manner as though the author were in the dark room with you. 224 pages, 60 illust. 7 1/2 x 10"

PH5043 - YOUR COST ..... **\$2.50**

### How to Make Enlargements (Fraprie)

Treats mini-camera work, new enlarging methods, and how to make several types of enlargers. 111 pages. 5x7 1/2".

PH5044 - YOUR COST ..... **50c**

### Enlarging and Darkroom Technique

No. 8 in the popular "How and Why" series. Written by John V. Neiberger.

PH5073 - YOUR COST ..... **75c**

### Perfect Print Control (Dutton)

This one eliminates the guesswork from projection printing. Tabulated information on paper emulsion speeds, how to get full scale prints without test strips, how to make several types of photometers, with working drawings. Profusely illustrated. 212 pages 6"x9". Cloth cover.

PH5074 - YOUR COST ..... **\$2.50**

## DEVELOPING & PRINTING

Fine grain developers, fast developers, slow developers, soft developers, hard developers it sounds so confusing when you don't know what it is all about. Learn all about it from these easy-to-understand books by experts.

### Modern Development (Fraprie)

Complete information on fine grain and other developing methods. Tested formulas described. 64 pages, 5x7 1/2".

PH5008 - YOUR COST ..... **50c**

### Practical Printing Processes (Fraprie)

Ideal for beginners. All the old standbys as well as new methods are fully described. 61 pages, 5x7 1/2".

PH5009 - YOUR COST ..... **50c**

### Developing and Printing Made Easy

AGFA's worth-while handbook.

PH5010 - YOUR COST ..... **24c**

### Print Finishing (Mortensen)

Learn how to do the famous Mortensen "abrasion tone" process. Also covers choice of paper, mount, titles, etc.

PH5011 - YOUR COST ..... **\$2.50**

### What You Want to Know About Developers (Lowe)

Covers this interesting subject in great detail. Written by Dr. Edmund W. Lowe. Many illustrations. 128 pages.

PH5075 - YOUR COST ..... **\$2.00**

## PHOTO PRACTICES

Outside of the field of straight developing and printing there are many practices that have been used for years either to improve the results obtained with the camera or to adapt its use to fields other than the mere recording of scenes and objects.

### Intensification and Reduction

The judicious application of either or both of these processes will often make a mediocre negative into a good one or save an otherwise hopeless one. Both processes described. 40 pages 7 1/2 x 10".

PH5076 - YOUR COST ..... **50c**

### Practical Retouching (Fraprie)

A fine art fully explained. 5x7 1/2".

PH5025 - YOUR COST ..... **50c**

### Art of Coloring Prints (Tobias)

Covers the theory of color and methods of the artist in applying it. Pastels, crayons, oils, etc., 120 pages. 5 1/2 x 8".

PH5031 - YOUR COST ..... **\$1.50**

### How to Make Lantern Slides (Fraprie)

Slides in black and white, color, toned or dyed, on glass plates or film. 80 pages. 5x7 1/2".

PH5027 - YOUR COST ..... **50c**

### How to Tone Prints (Fraprie)

Tells how to tone your prints. Tested formulas. 62 pages 5 1/2 x 7".

PH5028 - YOUR COST ..... **50c**

### Practical Infra-Red Photography (Helwich)

Gives a complete explanation of all that is known of the subject. 94 pages. 6 1/2 x 8 1/2". Numerous illustrations.

PH5049 - YOUR COST ..... **\$2.00**

### Lighting Ideas In Photography (By Deschin & Herrschaft)

A new book for those who want to do something "different". Gives new type tested lighting chart, explains photo-montage, shadow effects, color lighting.

PH5051 - YOUR COST ..... **\$2.75**

### The Art of Table Top Photography (Gleed)

Tells you how to create miniature scenes that give the illusion of reality. Directions for making backgrounds, etc. Illustrated with 20 pictures of salon quality.

PH5077 - YOUR COST ..... **\$1.25**

### Ideas Into Pictures (Liveright)

Tells how to turn an idea into a real photographic print. Many illustrations and lighting diagrams.

PH5078 - YOUR COST ..... **75c**

### Synchroflash Photography

This book gives complete information regarding the "how" and "why" of equipment, lamps and technique.

PH5079 - YOUR COST ..... **\$1.95**

### Making a Photograph (Adams)

A modern photographer gives his ideas of what to take and why, the equipment to use and how to use it. Points out new fields to look into. Well illustrated. 96 pages, 7 1/2 x 10".

PH5080 - YOUR COST ..... **\$3.50**

### Camera Lenses (Lockett)

122 pages on this interesting and important subject. 100 illustrations.

PH5026 - YOUR COST ..... **\$1.00**

### How to Take Pictures at Night

An interesting subject interestingly explained.

PH5067 - YOUR COST ..... **75c**

## REFERENCE BOOKS

### Photo-Lab-Index

Every conceivable type of information for the photographer in handy looseleaf, indexed form.

PH5081 - YOUR COST ..... **\$3.50**

### Dictionary of Photography

The book every photographer should own. Defines all of the terms used in the field.

PH5050 - YOUR COST ..... **\$2.50**

All Books Listed on this Page  
Shipped Postpaid in U.S.A.

# BY THE GREATEST AUTHORITIES!

## PROFITS IN PHOTOGRAPHY

Why not make your hobby pay for itself? These helpful books tell you how.

**Photo Markets (Lyons)**  
A complete guide to every available outlet for photos, 1764 in all. Comprehensive index. 152 pages. 6 1/2 x 9 1/2".  
PH5039—YOUR COST..... **40¢**

**Making Amateur Photography Pay (Ezickson)**  
How and where to sell photos. 132 pages. 5 1/2 x 9" with illustrations.  
PH5040—YOUR COST..... **\$1.00**

**Free Lance Journalism With a Camera (Mallinson)**  
Third edition. Tells how author has sold photos of all types in the most varied markets. Reproductions of every type. 85 pages. 6x8".  
PH5041—YOUR COST..... **\$1.50**

**News Pictures (Jack Price)**  
An authoritative book by a man who is justly famous for his work in news photography.  
PH5049—YOUR COST..... **\$2.00**

## Fun With A Camera

**Fun of Photography (Scacheri)**  
One of the most brilliantly prepared books on the subject. Excellent for amateur and professional alike.  
PH5004—YOUR COST..... **\$3.75**

**Photographic Amusements (Frappie and O'Connor)**  
Covers the entire field of trick photography in a most interesting manner. Includes all the old camera tricks and many new ones. Describes Person Process, solarized negatives, etc. 256 pages. 250 illustrations.  
PH5045—YOUR COST..... **\$3.50**

**Photographic Hints and Gadgets (Frappie and Jordan)**  
332 pages, 6 1/8 x 9 1/4", nearly 500 illustrations. Full of practical ideas—labor saving devices.  
PH5046—YOUR COST..... **\$3.50**

**New Ways in Photography (Deschin)**  
All the latest information on methods, technique and equipment. Trick photography, camera angles, color, retouching, etc., fully described. 293 pages. 5x7".  
PH5047—YOUR COST..... **\$2.75**

## COLOR PHOTOGRAPHY

Photography in natural full color opens an entirely new field for you and your camera. Your pictures taken in full color have a new interest, impossible to capture in ordinary black and white photography. Color photography demands a new technique. But read all about this interesting subject in any of the following books.

**Color Photography for the Amateur (Kieth Henney)**  
Tells how to make transparencies with Kodachrome, Dufaycolor, Finlay and Agfa color materials; how to make prints on paper by the Chromatone, Carbro, Wash-off Relief and Colorstall processes. Clearly illustrated in 260 pages.  
PH5005—YOUR COST..... **\$3.50**

**Color Photography for Beginners (Robert Fanstone)**  
A splendid text on the transparency processes. 114 pages. Illustrated in color.  
PH5020—YOUR COST..... **\$1.50**

**Color Photography in Practice (D. A. Spencer)**  
Complete book, designed for the commercial photographer but of immense interest to the amateur. 287 pages. With many color plates. 7 1/2 x 10".  
PH5021—YOUR COST..... **\$6.00**



## HOME MOVIE BOOKS

Even though you can't put "A.S.C." after your name, you'll find it possible to make swell movies after absorbing the facts in these selected books.

**Ideas for Short Films (Strasser)**  
Shows the wealth of cine material available within the neighborhood. 80 pages.  
PH5032—YOUR COST..... **\$1.00**

**Trick Effects With the Cine Camera (Bulleid)**  
Describes practically every trick that can be carried out by the amateur. 77 pages.  
PH5033—YOUR COST..... **\$1.00**

**Cine Tinting Simplified (Abbott)**  
An authoritative book replete with practical data on the subject. 80 pages.  
PH5034—YOUR COST..... **\$1.00**

**How to Make Good Movies (Eastman Kodak)**  
New 200 page Eastman Kodak publication. 600 illustrations, many in color. Also valuable exposure guides.  
PH5002—YOUR COST..... **\$1.89**

**Making Home Movies (Ottley)**  
Complete guide to amateur cinematography. Covers all phases. 295 pages, well illustrated.  
PH5035—YOUR COST..... **\$2.00**

**Money Saving Tips for Movie Makers (W. J. Shannon)**  
Second edition, revised and enlarged. Hints on editing, trick titles, developing, etc.  
PH5036—YOUR COST..... **50¢**

**Make Your Own Movies**  
By King Pessels and Arthur Gale. 320 pages of information answering amateur cinefan problems. Profusely illustrated.  
PH5070—YOUR COST..... **\$3.50**

**Movie Making Made Easy (W. J. Shannon)**  
Second edition. Shows the movie maker how to make the most of his camera and projection equipment.  
PH5082—YOUR COST..... **50¢**

**Home Movie Gadgets (W. J. Shannon)**  
Interesting devices and gadgets which go far in increased movie making enjoyment.  
PH5083—YOUR COST..... **75¢**

**Amateur Movie Production (W. J. Shannon)**  
Second edition of this valuable guide on photoplay production from script to screen.  
PH5084—YOUR COST..... **50¢**

**NOTE: For obvious reasons books and magazines cannot be returned for exchange or refund. Please select carefully from the listings.**

## MAGAZINES & ANNUALS

The only way you can keep right up to the minute in this rapidly advancing field is to read one or more of these popular magazines and annuals.

**American Photography**  
One of the older ones in the field—and a mighty fine one too. Issued monthly.  
PH5100—YOUR COST PER COPY... **25¢**

**Camera**  
Also an old timer—and especially well liked by old timers in the game. Issued monthly.  
PH5101—YOUR COST PER COPY..... **25¢**

**Movie Makers**  
As its name implies—especially written for the home movie maker. Issued monthly.  
PH5102—YOUR COST PER COPY..... **25¢**

**Minicam**  
An excellent pocket-size magazine just chock full of information—a special favorite with the how to make it and do it fan. Issued monthly.  
PH5103—YOUR COST PER COPY... **25¢**

**Popular Photography**  
The most popular magazine in the field. Beautiful reproductions of salon pictures in each issue—including color pictures. Many how-to-make-it articles.  
PH5104—YOUR COST PER COPY... **25¢**

**U. S. Camera Annual—1939**  
Latest edition. Edited by Steichen. 200 beautiful pictures with complete information as to how they were made and by whom. Valuable data on cameras, lenses, filters, etc.  
PH5003—YOUR COST..... **\$2.90**

**U. S. Camera Magazine**  
Like the famous Annual but smaller in size. Published every 2 months.  
PH5004—YOUR COST PER COPY... **50¢**

**Universal Almanac & Market Guide**  
1939 edition of this famous almanac. Chock full of formulas, tables, and other information. Complete directory of where to sell your pictures.  
PH5001—YOUR COST..... **89¢**

## MINI-CAMERA BOOKS

Due to its size the miniature camera requires a somewhat different technique than that used with larger cameras. For complete information as to what to avoid, and what to strive for, we especially recommend the following.

**Making Pictures With the Miniature Camera (Deschin)**  
The author gives essential data for obtaining fine results, together with actual examples of what to avoid and what to aim for in the finished picture. 220 pages, 50 illustrations. 8x10".  
PH5037—YOUR COST..... **\$3.00**

**Miniature Camera Work (Morgan and Lester)**  
A new book of new facts. Will show you how to improve and give you a clearer understanding of pictures.  
PH5000—YOUR COST..... **\$4.00**

**Commercial Photography With the Miniature Camera (Goldner)**  
Book tells how a successful commercial photographer operates a business with a miniature camera.  
PH5038—YOUR COST..... **\$1.00**

**The Miniature Camera in Professional Hands**  
Remie Lohse, one of the most successful professionals, tells how he made a success in advertising using a miniature camera. 48 full page illustrations.  
PH5071—YOUR COST..... **\$1.50**

**All books listed on this page SHIPPED POSTPAID IN U.S.A.**



# MINUTE SPECIALS

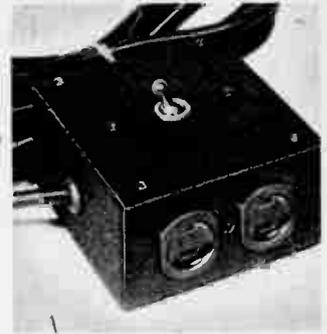


## New Lafayette Voltage "Jogger"

A unique device that compensates for either high or low line voltages. It is important, especially in the case of photo enlargers, or in making color separations, that the proper voltage be applied to the lamps. The Lafayette Voltage "Jogger" permits accurate line voltage adjustments, easily and quickly. The device consists of a 150 volt a.c. meter, a transformer and three switches, housed in a crackle finished metal case. In operation, the apparatus is plugged into the receptacle provided, and the "jogger" is plugged into the line. By turning the control switch to its various positions (4 in all), the voltage to the apparatus can be maintained at any level between 95 and 135 volts. The switch provides steps equal to 5-volts; voltage can be added to or subtracted from the line voltage by placing the "High-Low" switch in the proper position. "On-off" push switch on the panel. Capacity 2 amperes at 115 volts (also suitable for one No. 1 photoflood bulb). Case size: 5x4x3 1/8". Wt. 6 lbs.  
**PH9393 - Lafayette Voltage "Jogger"** wired and tested. With instructions. For 95-130 volts, 50-60 cycles a.c. **\$9.75**  
**YOUR COST**.....  
**"JOGGER" KIT:** Same as the above, but in kit form, unwired. Complete with all instructions, wire and hardware. Wt. 5 lbs. **\$8.75**  
**PH9394 - YOUR COST, KIT...**

## Lafayette Series-Parallel (Hi-Low) Switch

A new, extra heavy duty multiple switch designed for photographic lighting control. Consists of a heavy duty double-pole double throw switch mounted in a metal case having four receptacles; furnished with a 6-foot live-rubber covered No. 14 gauge parallel line cord. Can be used with four No. 1 photoflood lamps connected at once, or two No. 2 photofloods. In operation, with the switch in one position, full voltage is applied to the lamps; when the switch is thrown to the opposite direction, the voltage to the lamps is reduced 50%. Thus, when setting up your "shots" or when focusing, you can cut the illumination down, until you are ready to "shoot". It saves your eyes from excessive glare, makes it easier for your models to pose and cuts down the amount of heat generated. Current carrying capacity is 10 amperes at 125 volts a.c. Measures only 4x4x2 1/8".  
**PH9395 - Lafayette Photoflood Switch. \$3.89**  
**YOUR COST**.....



## "Believe-It-Or-Not" Scrap Books

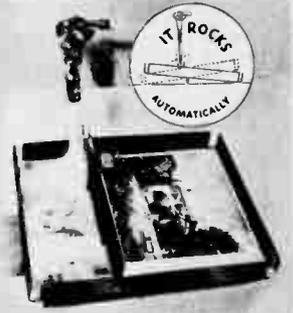
Innumerable people have the collecting hobby, whether it be stamps, coins, clippings, etc., etc. If your hobby is the collection of photographs or newspaper clippings you'll want one of these beautiful "Believe-It-Or-Not" Scrap Books. Each has a cover-piece by the world famous Ripley countersunk in the center of the heavy brown stock cover; titles are stamped and printed in red. Each book contains 50 Kraft sheets of good grade, and additional sheets can be added at any time. Binding edges of the covers are re-enforced and eyeleted; red silk tasseled cord.  
**PH9440 - 8x11". Shpg. wt. 2 lbs. 49¢**  
**YOUR COST**.....  
**PH9441 - 10x12". Shpg. wt. 2 lbs. 79¢**  
**YOUR COST**.....  
**PH9442 - 11x15". Shpg. wt. 3 lbs. \$1.19**  
**YOUR COST**.....



## RIGHT "Rocker-Rinser"

- ★ It Rocks Automatically
- ★ Requires Space Only 11x14"
- ★ Acid and Chip-Proof Finish

A new, highly useful print washer that works automatically. It will save you loads of time—it washes a batch of prints in 15 minutes. In operation, you place the rocker-rinser under the faucet, turn on the water and let 'er rock—automatically. Gives a complete change of water every 10 seconds. Has two compartments, for 8x10" and 4x5" or smaller prints; also perfect for washing cut film or plates. Convenient and simple; requires no attention and there is no need to worry that tub or sink will overflow. All metal construction, with acid-proof and chip-proof enamel finish and rubber bumpers. Can be used in a space of only 11" by 14". Use it in the sink or wash tub; it does its work while you're attending other darkroom chores. Shpg. wt. 2 lbs.  
**PH8735 - "Rocker-Rinser". \$1.89**  
**YOUR COST**.....



## VISIT THE Lafayette LECTURE HALLS

AS an aid to our many customers and friends who are interested in the various phases of photography, the Lafayette Camera Corp. has instituted the policy of arranging a series of highly informative and interesting lectures at its several branches. In the photo at the left is shown part of the group that assembled to hear the well known Mr. Gibbs, A.R.P.S., who gave a most entertaining talk on "Paper Negatives". Other well known authorities who have appeared at the Lafayette Lecture Halls include: Mr. Haynes, Mr. Hutchins, Mr. Kenney, Mr. Ivan Dimitri.

In the near future, the series of Lafayette lectures will be continued with the aid of other photographic experts in the role of speaker. Announcements will be sent to all who are on our mailing lists, and in addition, notice will be given in the various newspapers and publication in the locality. All our friends are most cordially invited to attend. There is never any charge, and there is absolutely no "commercial". We strive only to further "good photography" and to widen our ever growing circle of friends.



## "VARISCOPE" All-Purpose Telescopes

A variety of telescopes in one. Changes from one power to another instantly merely by setting the marked power tube. Various powers are marked on the tube for quick setting. Precision made with large achromatic objective lens. Has four sections. Tubes of heavy brass, chrome plated. Draw-tubes slide firmly and easily. Complete with leather carrying case.

No.	Magnification	Extended	Closed	Obj. Lens	Shpg. Wt.	EACH
PH10050	10 To 20 Power	17 1/2"	6 3/4"	23 mm.	2 lbs.	\$7.89
PH10051	10 To 30 Power	21"	7 3/4"	31 mm.	3 lbs.	9.89
PH10052	10 To 40 Power	26 1/4"	8 3/4"	33 mm.	4 lbs.	12.29

**"HUNTER" 8 x 26 PRISM Binoculars**  
 (A) Illustrated at right. A fine powerful binocular for all types of sport use. Particularly well liked by the naturalist and racing fan. 8 Power—26 mm. objectives. Brilliant luminosity, wide angle, sharp definition. Quick focusing, compact and durable. Beautifully finished with genuine grain Morocco leather. Will give you years of service. Complete with leather sports case. Made in France. **\$15.95**  
 PH10000—Shpg. wt. 3 lbs. YOUR COST...



**"PATHFINDER" Field Glasses**  
 (D) Illustrated at top right hand corner of this page. A powerful 3 power binocular that is excellent for nature study, horse racing, indoor sports and for night use. It has great light power and remarkably clear definition. Fully achromatic. Precision construction throughout. Newly designed eyecups. Smooth covers with genuine Morocco leather. Sturdy design assures long and satisfactory life. Finished complete with a black leather sports case equipped with neck strap. Shipping weight 3 lbs. **\$10.95**  
 PH10003—YOUR COST.....

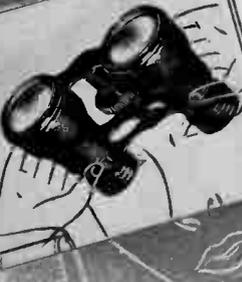


**"TOURIST"**  
 (B) Illustrated above left. A popular, medium size, field glass at a price well within the reach of everyone. An excellent glass for the sports fan for following indoor and outdoor sporting events. Easily held and adjusted—will give excellent service. With a carrying case, Shpg. wt. 2 lbs. Made in France. **\$4.49**  
 PH10001—YOUR COST.....



### DE LUXE CHEVY CHASE

(C) Illustrated at left. A deluxe achromatic field glass for use at the theatre, at indoor sporting events, at the ball park or for nature study. Pocket size. It adapts for brilliant luminosity makes it adaptable for widespread purposes. Precisely constructed and beautifully finished with genuine Morocco leather. Newly designed eye cups. Light in weight and easily held and focused with one hand. A strong genuine leather sports type carrying case is furnished with each glass. Case is equipped with a leather neck strap. A quality glass for general use, sports, theatre, or when on tour. **\$8.89**  
 PH10002—YOUR COST.....



**"STADIUM" Sports Glass**  
 (E) Illustrated at right. A 3 Power deluxe sport glass. Covers a wide field with great luminosity. Precision construction. It is endorsed by the Audubon Society for its many naturalists and scientists for its clear definition and true natural reproduction of color. It has interpuillary adjustment. Very compact—will fit in your pocket. Covered with genuine Morocco leather. With tan leather case. Ideal for theatre too! **\$12.29**  
 PH10004—YOUR COST.....



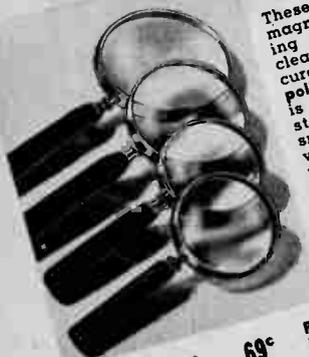
### CAPE COD WEATHER GLASS

A true reproduction of the old original weather glass barometer. It operates on the same principle as the Aneroid Barometers. Hand made of glass. It requires seventeen hand operations to complete the weather glass. Comes complete with attractive wall bracket for hanging. Accurately indicates all variations of barometric pressure—an accurate means of determining changes in the weather in advance. Furnished complete with full instructions for installation and operation. Wt. 2 lbs. **95¢**  
 PH10030—EACH.....



### MAGNIFYING GLASSES

These highest quality magnifying or reading glasses are of clear white glass accurately ground and polished. Each glass is fitted with a large smooth metal band wide and polished protects the edge of the glass and is fitted into a metal ferrule on the handle for greater strength. All have straight handles. Asterisk (\*) means "diopters".



PH10100—2"—7 D.*	69¢
YOUR COST.....	
PH10101—2 1/2"—6 D.*	79¢
YOUR COST.....	
PH10102—3"—5 D.*	89¢
YOUR COST.....	
PH10103—3 1/2"—4 D.*	\$1.29
YOUR COST.....	

### SWISS Model "Plan" Compass

A precision built, radium dial compass. Highly accurate. Ideal for map reading and for setting and keeping a course. Heavy metal case, finished in telephone black, has automatic stop; sighting window with reflecting mirror enables you to locate position and maintain bearings. Jewelled floating dial, radium marked, 0 to 360 degrees; radium arrow on lens. With instructions. Shpg. wt. 1 lb. **\$5.59**  
 PH10090—YOUR COST EACH.



### Spun Brass "Boy Scout" Stop Compass

Has heavy spun brass case with stop lever. "Watch" type brass carrying ring. Silvered engraved dial protected by glass face. 1 9/16" diameter. Jewelled needle assures long life and accurate reading. **89¢**  
 PH10091—"Boy Scout" Stop Compass. YOUR COST EACH.....

### Pedometer

An accurate walking mileage meter that is worn with the pendant attached to your pocket or belt. Easy to use. Registers up to 100 miles and can be regulated for any step between 15 and 41 inches. Nickel plated metal case. Dial has legible black figures and division markings. Dial protected by glass face. Shpg. wt. 1 lb. **\$2.39**  
 PH10048—YOUR COST.....





# Information.

The information given on this page is by courtesy of Mr. Joseph M. Bing, F.R.P.S., of the Photo Utilities Company. Mr. Bing is a recognized authority in the photo field, and we are thankful for his aid.

## Comparison of Film Speed Ratings

The following tables of comparison of speed rating systems are presented only as a general guide. Mathematical conversion is, of course, impossible because the systems have no common basis and vary too widely in application. Practically, however, the various systems of speed rating can be loosely compared with each other to provide a general indication as to where a film's place is in any of the systems.

### Ratings Shown Are Those Used in U. S. A.

Amer. Scheiner	Weston	Din.	H&D	Rel. Exp.
8	0.75	1/10	35	32
9	1	2/10	45	27
10	1.3	3/10	56	21
11	1.5	4/10	72	16
12	2	5/10	91	13
13	2.5	6/10	117	11
14	3	7/10	150	8
15	4	8/10	190	7
16	5	9/10	240	5
17	6	10/10	308	4
18	8	11/10	390	3 1/2
19	10	12/10	500	2 2/3
20	12	13/10	636	2
21	16	14/10	800	1 2/3
22	20	15/10	1050	1 1/2
23	24	16/10	1300	1
24	32	17/10	1700	4/5
25	40	18/10	2100	3/5
26	50	19/10	2700	2/5
27	64	20/10	3500	1 1/2
28	80	21/10	4400	1 1/3
29	100	22/10	5600	1 1/4
30	125	23/10	7200	1 1/5
31	160	24/10	9100	1 1/6
32	200	25/10	11600	1 1/8

Responsibility for the speed numbers cannot be assumed. Any speed table is substantially correct only for the date of compilation. Changes in the manufacture and characteristics of sensitized products occur quite frequently; age and storage are of uncontrollable influence. The speed numbers are consecutive. They are the ratings for ANY exposure meter designed for use in the United States of America. Any film listed in the table three units higher than any other is, for practical use, considered twice as fast. Products not listed, altered or issued after compilation of this table, are easily compared with any known and listed film. If the new film is twice as fast as the known emulsion, add three units to the known number. For new film of half the speed, decrease the speed number by three.

Note: European Scheiner ratings are six numbers higher than American Scheiner.

### EXPOSURE DATA

Certain factors arise either before or after "pressing the button" which have an adverse effect on the negative quality. Before exposure:

**Veiling Fog** over the negative produces the effect of less contrast by shortening the tone range and the negative might appear to many to be incorrectly exposed. Veiling is frequently caused by some scattering of the light. Remedies are:

**LENS SHADE.** Use it to avert scattered light, especially with highly convex lenses of great light power.

**AGAINST THE LIGHT.** Internal reflections in the lens cause the light to scatter.

**DIRTY LENS.** Finger prints, dust on front or rear lens, or condensation on a lens taken directly from zero weather into a warm room.

**LIGHT LEAKS,** in camera or in film chamber or container cause fogging.

**FILTERS** of poor quality cause bad exposure. Improper storage of filters causes a bloom on the glass surface which scatters the light. Filters should be kept clean.

**FILTER FACTORS** must be applied correctly to the meter readings. One filter may look the same to the eye as another, but due to slight differences in their color transmission will have a different factor for different films.

**IMPROPER FOCUS** sometimes gives a simulated appearance of poor exposure. The tones lack crispness when the image is mushy.

**SHUTTER** timing must be correct at least within reason. Shutters may be out considerably, mostly slow. They need periodic overhauling. A constant shutter deficiency can be ascertained and allowed for on the meter reading.

**LENSES** may differ as to photographic transmission which is dependent on the number of glass-air surfaces, cementing, etc. The "f" markings may be incorrect. **Supplementary lenses** have a factor to apply to the meter reading. Near-distance, Proxar-type lenses shorten the normal exposure. Distant View, Distar-type lenses prolong the time.

**EXPOSURE METER.** Always study carefully the instructions on the proper use of your meter. Reliable readings will then be obtained. Remember, your meter can measure light but it cannot think for you.

### AFTER EXPOSURE

**DEVELOPER** will cause differences in the effective speed of the film.

**FORMULA.** Always use the manufacturers formula whenever possible; speeds are computed on the basis of that formula.

**TIME-TEMPERATURE.** Be extremely careful to develop for the right time at the right temperature. Developing to another contrast will also change the speed. Often, when a warm film is immersed in the minimum quantity of developer, it will raise the temperature appreciably. Keep all solutions at an even temperature.

**AGITATION** causes an increase in the rate of development, and if the photographer agitates one time and not the next, different results will be obtained.

**CHEMICAL FOG** will usually appear when working with an old or contaminated solution, or from excessive exposure to the air during development, causing oxidation fog.

**LIGHT FOG** will result from improper handling of the film under the safelight or the use of the wrong or makeshift safelight.

**DELAYED PROCESSING.** Too long a time between exposure and development may cause serious differences through "continuous action" in the latent image, mostly over-exposure effects. Kodachrome particularly should be processed with as little delay as possible.

### Use of Exposure Meters

The angle of light acceptance varies with different meter types, but can generally be assumed to be about the same, or even less, than the inclusion angle of the usual still camera lens.

Spread the index and middle finger, and use this aiming "fork" to judge the approximate area, or angle covered by the meter. When the meter is aimed from the position of the camera it will average the scene "brightness" over the entire picture field. This integrated brightness reading will be about right for "general" subjects of moderate contrast.

Scenes including important dark objects in the shade and equally important light objects in brilliant illumination are "expometered" by bringing the meter close to the dark portions, then to the bright, and applying the average of both readings to the camera. For instance: suppose the electric indicator points to "2" for the dark and "10" for the bright sections of the picture. The average would, therefore, be "6". If confronted by a scene where the deep shadows of importance cannot be approached, then it will do quite well to measure the shadow cast by ones self for the "darks".

As the emulsion has certain limitations in rendering extreme contrast and since, moreover, it is followed by a paper emulsion decidedly more limited in this regard, it is by all means the most advisable and simplest of all rules to measure the brightness of the most important and desired portion of the subject.

Approach with the meter sufficiently close

to include only the light from the important area. It will be satisfactory for practical purposes to hold the meter at a distance approximately equalling the shortest dimension of the area to be expometered. The angle covered within the spread of the index and middle fingers puts the meter angle in the apex of a triangle the sides of which are the theoretical prolongations of the fingers and the base the wanted picture section.

To expometer a portrait, hold the meter about 12 inches from the face, but avoid casting a shadow; for a fashion shot about three feet from the chest.

For cloud pictures, aim at the darker clouds and understand that whatever foreground appears in the picture will necessarily be much under-exposed.

For inapproachable subjects, or telephoto lens shots, rely on substitution. A reading of something nearby that is of the same tone as the subject will give a satisfactory result. Your own hand, turned approximately to give the same tonal impression as the distant object, may be measured close-up as a substitute.

Always avoid getting the light sources in the field covered by the meter. It is always advisable to shade the "eye" of the meter with one hand on the side where the principal source of illumination is situated, but guard carefully against covering up any part of the meter measuring angle.

To expometer an illumination which is too low to give a readable needle indication on the meter, place a large white card into the scene or on the subject, vertical upon the camera axis and read this card from a distance equal to its shortest side; be careful not to cast a shadow upon the reading field. Such a card should be of matte surface, because a glazed one will doubtlessly cause misleading reflections upon the cell. **Multiply the card reading by 16,** which means, open up 4 stops beyond the meter indication.

For dark interiors lit by diffused light, it may be helpful to read from the point of principal interest directly into the light entrance and to multiply by 30 to 32; open up either 5 stops or give 30 times the expometered time.

### FILTERS

It is not advisable to take a reading with the filter over the meter or in connection with it, for the meter does not always respond to filtered light as does the emulsion on the film.

There are three methods of accommodating filter factors:

- (1) By multiplying the exposure time by the filter factor.
- (2) By increasing the lens aperture (whereby each full lens stop will compensate for a 2x filter factor, two full lens stops will compensate for a 4x filter factor, etc.).
- (3) By applying a lower speed rating (whereby three Scheiner degrees will compensate for a 2x filter factor, six Scheiner degrees will compensate for a 4x filter factor, etc.).

### Comparative Values of Stops

f:	Rel. Speed	f:	Rel. Speed	f:	Rel. Speed
1	1	9	80		
1.2	1.25	2.9	8.5	11.3	128
1.4	2	3.2	10	12.5	160
1.5	2.25	3.5	12	16	256
1.6	2.5	4	16	18	320
1.9	2.75	4.5	20	22.6	512
2	3	5	30	25	640
2.2	3.5	5.6	32	32	1024
2.5	6	6.3	40	36	1280
2.7	7.5	6.9	48	45	2048
2.8	8	8	64		

Figures in bold face are English-American series of Stop Numbers.

Figures in italics are the Continental series of Stop Numbers.

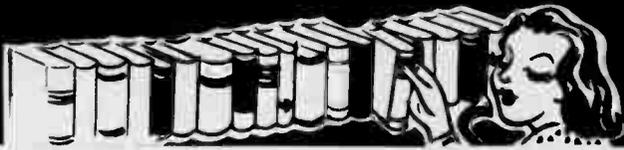
Example: How much more exposure time is required if changing from lens aperture f:4 to smaller aperture f:16?

Answer: 16/256 = 1/16, therefore 16 times longer exposure.

Example: How much faster is f:2.9 than f:4.5? Rel. speed f:2.9 is 8.5; relative speed f:4.5 is 20.

Answer: 20/8.5 = 2.35, therefore about 2 1/2 times faster.

# Please



## EMULSION SPEEDS AND FILTER FACTORS OF POPULAR FILMS

The handy film chart shown below has been assembled to assist the photographer in quickly finding information relative to various types of film he may use. Space limitations have made it necessary for us

to confine the tabulation only to those manufacturers types of film listed in this catalog. The listing is not intended as a comparison between the products of any one manufacturer with those of another.

Film	Weston Speed		FILTER FACTORS									
	Day.	Tung.	K-1		K-2		A		X-1		X-2	
			D.	T.	D.	T.	D.	T.	D.	T.	D.	T.
<b>AFGA</b>												
<b>35 MM.</b>												
Ultra-Speed Pan.	125	64	1.4	1.2	2	1.4	5	2.5	4	4	6	8
Superpan Supreme	64	40	1.4	1.2	1.6	1.4	8	3.4	3.5	2.5	4	4
Finopan	24	16	1.4	1.2	2	1.5	6	3	4	3	6	5
Fine-Grain Plena	24	12	2	2	4	3			6	4	8	5
Infra-Red.	2											
<b>Rolls and Packs</b>												
Superpan Press	100	64	1.5	1.2	1.7	1.4	3	3	4	4	6	6
Superpan	24	16	1.3	1.2	2	1.4	6	3	3	3	4	4
Finopan	24	16	1.4	1.2	2	1.5	6	3	4	3	6	5
Super Plenachrome	32	20	1.5	1.7	2.5	2.2			3	3	4	3
Plenachrome	24	16	2	2	4	3			6	4	8	5
<b>Cut Film</b>												
Triple S. Pan.	80	64	1.5	1.2	1.7	1.4	3	3	4	4	6	6
Superpan Press	125	80	1.5	1.2	1.7	1.4	3	3	4	4	6	6
Superpan Portrait	32	24	1.3	1.2	2	1.4	6	3	3	3	4	4
S.S. Pan.	24	16	1.5	1.2	2	1.5	4	2.5	4	6	6	7
Super Plena. Press	80	40	2	1.4	3	2			4	3	4	3.5
S.S. Plenachrome	40	24	1.6	1.3	2	1.5			3	3	4	3
Portrait	32	16	3	3	9	8			10	16		
<b>DEFENDER</b>												
<b>Cut Film</b>												
X-F Pan.	50	32										
X-F Pan Press	50	32										
Fine Grain Pan.	24	16										
Pan Process	4	3										
X-F Ortho	40	16	1.7	1.5	4	1.7						
X-F Ortho Press	40	20	1.7	1.5	4	1.7						
Portrait HGS	40	20	1.7	1.5	4	1.7						
Portrait	40	12	4	2.5	10	8						
<b>DUFAYCOLOR</b>												
<b>All Types</b>												
	8	3										
<b>DUPONT</b>												
<b>35 MM.</b>												
XL Pan	64	40	2		2		8					
Superior Pan.	40	24	2		2		8					
Fine Grain Parpan.	10	8	2		2		8					
Micropan	6	4	2		2		11					
<b>EASTMAN KOD.</b>												
<b>35 MM. and No. 828</b>												
Super XX	100	80	1.5	1.5	2	1.5	7	4	4	3		5
Plus X	40	24	1.5	1.5	2	1.5	7	4	4	3		5
Panatomic-X	32	20	1.5	1.5	2	1.5	7	4	4	3		5
Kodachrome Reg.	8	3										
Kodachrome A.	8	12										
<b>Rolls and Packs</b>												
Super-XX	100	80	1.5	1.5	2	1.5	4		5			5
Panatomic-X	32	20	1.5	1.5	2	1.5	7		4			5
Verichrome	32	12	2	1.5	2.5	2						
<b>Cut Film</b>												
Super Panthro-Press	125	80	1.5	1.5	2	1.5	4	2	5	4	6	5
Super XX	100	80	1.5	1.5	2	1.5	4		5			5
Portrait Pan.	20	12	1.5	1.5	2	1.5	10	5	4	3	5	4
Safety Panatomic	12	8	1.5	1.5	2	1.5	4	2	5	4	6	5
Commercial Pan.	16	8	2.5	1.5	3	2	10	4	6	4	7	5
Super Ortho Press	100	50	2.5	2	3.5	2.5						
Par Speed Portrait	16	6	4	3	8	5						
Kodachrome B.		6										
Kodachrome Outdoor.	5											
<b>GEVAERT</b>												
<b>35 MM.</b>												
Panchromosa	32	20	1.4	1.3	2.3	1.5	9	6	4	2.2	6.5	
Panchromosa Microgran	12	8	1.4	1.3	2.3	1.5	9	6	4	2.2	6.5	
Exp. Superchrome	16	12	1.8	1.7	3	2.2						
<b>Rolls and Packs</b>												
Panchromosa	32	20	1.4	1.3	2.3	1.5	9	6	4	2.2	6.5	
Exp. Superchrome	16	12	1.8	1.7	3	2.2						
<b>Cut Film</b>												
Ultra Panthro Press	40	16	1.4	1.3	2.3	1.5	10	6	4	2.2	6.5	
Studio Ultra Panthro	20	12	1.4	1.3	2.3	1.5	10	6	4	2.2	6.5	
Studio High Speed	50	20	1.8	1.7	7.9	5						

Filters listed above are Type K-1 Light Yellow; Type K-2 Medium Yellow; Type A Red; Type X-1 Light Green; Type X-2 Dark Green. All ratings of full color film apply

only where proper filters, recommended by the manufacturer, are used. Under filter factors, D. means Daylight; T. means Tungsten (artificial light).

The information contained on this and the preceding page is, to the best of our knowledge, up to date and authentic. We cannot, however, assume any responsibility for the results of its use.

### Developing the Negative

Proper development of the exposed negative entails four distinct operations, each of which is highly important with regards to finished results. These steps are first, the developing bath; second, the short stop bath; third, the fixing bath; fourth, the wash in running water.

**DEVELOPING BATH:** There are many different types of developing solutions available, all designed to produce definite results of one kind or another. Some are universal solutions for general work, some especially designed for fine grain development. It is unnecessary to go into detail about the merits of each of these chemicals, since information regarding their use is easily obtainable. In all cases, however, it is essential, if good results are to be obtained, that the manufacturers instructions be followed explicitly. Time and temperature are the two factors that have greatest effect upon the results achieved. Always maintain the solution temperature at one level throughout the entire period of development; use a tank or tray thermometer for this purpose. Develop for the full rated period recommended. **Agitation** of the solution during the development period causes an increase in the rate of development.

**SHORT-STOP BATH:** If best results are to be obtained, a short-stop bath must be used between the developing and fixing solutions. The purpose of this bath is to prevent stains, to toughen the emulsion and to prevent scratching and reticulation. It also prevents the fixing solution from becoming partly neutralized by the introduction of the alkali developing solution, thereby helping to increase the life and usefulness of the fixer. A popular short-stop bath consists of 1/4 ounce each of chrome alum and sodium bisulphite dissolved in 16 ounces (1 pint) of water. This mixture must be made up fresh each time it is used and discarded after use.

**HYPHO FIXING:** The fixing bath is highly important. All standard acid fixer solutions contain a hardener that prevents "blisters," scratches and other imperfections which are always troublesome. The fixing solution should never be contaminated by alkaline solutions (see short-stop bath). After continued use, the fixing solution will become cloudy or foamy; when this condition exists, the solution should be discarded. In fact, the fixing ability of the solution becomes exhausted long before these symptoms are manifested. Use fresh solutions at all times.

**WASHING:** Processing the negative is completed by washing the film in running water for about 20 minutes with frequent complete changes of water. This procedure will completely remove all traces of hypo.

After the above operations have been completed, it is only necessary to dry the film. Drying should take place in a dust-proof location. The use of viscose sponges to remove surplus water speeds up drying time considerably.

### Storage of Film

In the interval between exposure and developing, proper storage is essential, particularly during sea travel or trips in tropical countries. Films may be kept in tropical packing and all precautions taken to keep them in air-tight containers away from heat and dampness. Kodachrome should be kept in the refrigerator when on shipboard. (Refer to "Delayed Processing" on previous page).

### Fine Grain Developing

The amateur will find it relatively easy to produce excellent results when using any of the popular fine grain developers. It is only necessary to adhere strictly to developing and fixing procedure outlined above and to remember that temperature of the solution must be kept at a constant level (between 65 and 73° F.).

# DOLLINA III 35 Mm. Camera

- ★ Carl Zeiss Tessar F:2.8 Lens
- ★ Compur Rapid Shutter
- ★ Coupled Range Finder

An unusually fine value if there ever was one! Even at its regular price of \$92.50 this fine miniature is an excellent buy—and at our special price of \$69.95—it is unbeatable, especially with an f:2.8 Zeiss Tessar lens. This fine lens is mounted in the famous Compur Rapid Shutter with speeds from 1 full second to 1/500th second plus "time" and "bulb" positions. Coupled range finder focusing! Other features include: automatic film transport, exposure counter, hyperfocal distance table, depth of focus guide, chrome control panel and lens board, genuine leather covered body and bellows. Uses regular 35 mm. film (up to 36 exposure rolls) both black and white and full color. Order yours now before it is too late!

Quantity Limited  
 PH1516—Dollina III, Zeiss Tessar f:2.8 lens (diam. 27 mm.). Was \$92.50. **\$69.95**  
 YOUR COST SPECIAL.....  
 Another unexcelled value. The coupled Range Finder Dollina II with Schneider Radionar f:2.9 lens. List Price \$55.00 **\$39.95**  
 PH1430—YOUR COST SPECIAL..... \$7.89  
 PH9422—Eveready Case for above.....



Was ~~\$92.50~~  
**OUR PRICE NOW**  
**\$69<sup>95</sup>**

# SAVE ON Lafayette BARGAINS

## VOIGTLANDER Brilliant Camera

- ★ Full Size View Finder
- ★ Voigter F:6.3 Anastigmat Lens
- ★ Delayed Action Type Shutter

Here is your opportunity to purchase this world famous camera at a discount of almost 50% from list. Takes wonderfully clear pictures and is very easy to use. The lens, which is the heart of any camera, is the famous Voigter f:6.3 Anastigmat capable of giving very sharp definition. It is in a focusing mount calibrated for "portraits", "groups", and "landscapes" as well as feet. The shutter is of the delayed action type and provides speeds of 1/25, 1/50 and 1/100th second as well as "time" and "bulb". The large Mirror Finder enables you to see your picture full size. Makes 12 pictures 2 1/4 x 2 1/4" on No. 120 roll film. Complete with neck strap and cable release. Shpg. wt. 4 lbs.  
 PH1510—YOUR COST **\$10.95**



ALMOST 50% DISCOUNT FROM THE LIST PRICE. A TYPICAL LAFAYETTE VALUE! QUANTITIES LIMITED.

Was ~~\$20.80~~  
**OUR PRICE NOW**... **\$10<sup>95</sup>**

## FAG Developing Tank For 35 MM. 828 and 127 Films



Think of it—a genuine daylight film developing tank for the ridiculously low price of 98¢! It is made of Tenite, a cellulose-acetate product noted for its sturdy qualities. This material is tough and resilient—good insurance against cracking and chipping. Not affected by photographic ping. Not affected by heat up to 140° F. It has an adjustable reel and will take 35 mm. (18 exposure), 828 and 127 roll films. It requires only 7 1/2 ozs. of solution. You can now develop your own film quickly and economically. Complete with agitator. SHIPPED POSTPAID IN U.S.A. **98¢**

PH9265 YOUR COST SPECIAL.....

## Special Purchase! PHOTO ALBUMS

This is not a buy of some manufacturers discontinued merchandise—we actually scoured the market in search of this particular album. We knew what we wanted—a really fine looking, well made, sturdy album that you would be proud to mount your prints into to show to your friends. The covers are of semi-flexible stock covered with material embossed to resemble fine leather. This in turn is embossed on the front cover with an attractive border and imprinted in gold with the title "Photographs", making a very neat appearing book. 40 loose-leaf pages, having a usable area of 7x10", are bound between the covers which are fastened together with a black rayon cord. Overall dimensions of the book are: 11 3/8" long, 7 1/4" wide by 1" thick (at the binding).  
 PH9427—Shpg. wt. 1 lb. YOUR COST SPECIAL..... **49¢**  
 PH9404—ACE Mounting Corners, per package of 100..... **8¢**



## Save on Trays! Genuine Porcelain Enameled Trays



Here is your chance to buy those extra trays you have always wanted—at real honest-to-goodness savings. Not cheap trays made to a price, but genuine steel trays enameled with baked-on hard porcelain. Actual measured sizes are larger than advertised. We suggest that you purchase them in sets of three—one for developer, one for rinse and one for fixing bath. An extra 8x10" tray is handy for print washing after fixing—no matter which size you use for processing. It is also an advantage to have extra trays on hand for "toning", "intensifying" and "reducing". QUANTITIES LIMITED! Shpg. wt. 5x7" trays—2 lbs., 8x10"—3 lbs. **59¢**

PH8205—8x10" Tray. YOUR COST SPECIAL.....  
 PH8204—5x7" Tray. YOUR COST SPECIAL..... **29¢**

## NOVABROM Projection Paper

An unusual opportunity to buy this famous paper at unheard-of low prices! Will make fine salon-quality prints. Available in four popular surfaces and several degrees of contrast. Some surfaces obtainable in both single weight and double weight. Others in double weight only. Take advantage of this wonderful opportunity to purchase fine quality famous brand paper at ridiculously low prices. This opportunity present an excellent chance to keep an adequate stock of paper on hand at all times. When ordering 1/2-gross lots, add letter "A" to number shown.

5x7" Singleweight	Grade	Normal	5x7" Doubleweight
Normal Vigorous	Ex. Vig.	Normal Vigorous	Ex. Vig.
PH250	PH251	PH268	PH269
PH253	PH254	PH271	PH272
PH256	PH257	PH274	PH275
		PH280	PH281
		PH287	PH277
		Bull Velvet	
		Double Weight.	
		YOUR COST, Pkg. of 12.	<b>29¢</b>
		1/2-Gross For.....	<b>\$1.45</b>
Single Weight, YOUR COST, Pkg. of 12.	<b>23¢</b>		
1/2-Gross For.....	<b>\$1.14</b>		

# Make your Vacation last all year

**THEATRE QUALITY HOME MOVIES  
AT LESS THAN SNAPSHOT COST!**



## KEYSTONE Model K-8 8mm CAMERAS

Clear, bright, "professional-type" pictures are easy to take with this fine new Keystone camera. It uses standard low cost 8mm film—either black and white or color. Decide now to start an album of "living" pictures of your family and friends. Never before has it been so simple and economical to keep a day by day record of all the important "events" happening in the history of your own little family.

The model K-8 camera has been especially designed for your needs. It has all of the features necessary to make sharp, clear pictures yet is simple to operate. Its f:3.5 lens is of the universal type with a fixed focus that is correct for both close-ups and distant shots. An exposure chart is fastened to the

face of the camera where it is always handy and provides a ready means for determining the correct setting for various lighting conditions. A powerful spring motor has sufficient reserve power to take several long scenes with a single winding. Three speeds are available in order to take fast, normal or s-l-o-w motion shots. An automatic footage indicator keeps track of the amount of film exposed and lets you know at all times how much unexposed film is left in the camera.

An unusual feature of the Keystone K-8 cameras is the fact that either the standard 25 foot double length of film or the new 30 foot single length can be used at will. When only

a few scenes are to be taken and you are anxious to see the pictures as soon as possible use the shorter 30 foot single length—for all other purposes use the standard 25 foot double length which makes up 50 feet of film. The camera is very compact measuring 6 5/16" x 2 3/4" x 1 3/4". It weighs only 1 lb. 12 oz.

PH2026—Model K-8 f:3.5 lens. **\$23.85**  
YOUR COST .....

PH2027—Model K-8 f:2.7 lens. **\$30.60**  
YOUR COST .....

**BOTH MODELS SHIPPED POSTPAID IN U.S.A.**

PH9642—Leather carrying case for above **\$2.95**

## KEYSTONE Model M-8 PROJECTOR

In order to obtain the utmost from the model K-8 cameras, or with any 8mm cameras for that matter, use the model M-8 projector. It has a powerful 300 watt lamp and a fast, fully achromatic lens that assures bright, clear pictures. Improved ventilation.

The motor is for both ac and dc operation and a speed control is incorporated in the projector. This control can be advanced when rewinding the film in order to shorten the length of time required.

The entire projector is mounted on a heavy cast iron base equipped with an adjustable tilt device and soft padded feet.

Film capacity is 400 feet of either black and

white or color film. Excellent results are obtained with color film because of the powerful illumination and the fine lens employed. The highly polished reflector greatly adds to the efficiency of the lamp by concentrating light ordinarily wasted onto the film.

PH2210—Model M-8. **\$35.55**  
List Price \$39.50. YOUR COST ...

PH2211—Model R-8 is similar to the above but with f:1.85 lens and 500 watt lamp.

List \$55.00. **\$49.50**  
YOUR COST .....

**BOTH MODELS SHIPPED POSTPAID IN U.S.A.**

PH9816—Carrying case for either model. **\$3.95**

## SPECIAL COMBINATION OFFER!

When you purchase your projector you will want a first quality projection screen, some spare reels with humidors cans and a steel film chest for your films. This equipment will complete your outfit and assure your obtaining the utmost in enjoyment from it. The screen is the popular DeLuxe Special Beaded Model with the highly efficient "beaded" reflecting surface that increases the brightness of your pictures without increasing the size of your projection lamp. It measures 30"x40" and rolls up into a sturdy case that makes an excellent carrying case and fully protects the fine screen surface. The chest is of steel and has a capacity for 6 films. **FOUR REELS AND FOUR HUMIDORS are included.**

PH9220—Special Comb. for 8mm—regularly \$13.19. **\$10.95**  
YOUR SPECIAL COST .....

PH9221—Special Comb. for 16mm—regularly \$14.30. **\$11.95**  
YOUR SPECIAL COST .....

Shipping weight of either of the above 12 lbs.

### Chests

Grey enameled steel. Lock and key. Index and reel compartments.

#### 8mm Chests

PH9900—6 Reel Capacity. **\$1.98**  
Wt. 3 lbs. YOUR COST .....

PH9901—12 Reel Capacity. **\$2.55**  
Wt. 5 lbs. YOUR COST .....

#### 16mm Chests

PH9902—6 Reel Capacity. **\$2.29**  
Wt. 5 lbs. YOUR COST .....

PH9903—12 Reel Capacity. **\$3.25**  
Wt. 10 lbs. YOUR COST .....

### Screens

Popular DeLuxe Beaded Screen as described above.

PH2750—Motion Picture Size 30x40". **\$8.89**  
Shpg. wt. 6 lbs. YOUR COST .....

PH2751—Transparency Slide Size 36 **\$10.95**  
x48". Shpg. wt. 6 lbs. YOUR COST .....

### Humidors and Reels

Aluminum construction. Reels fit any machine. 8mm—200 ft. capacity.

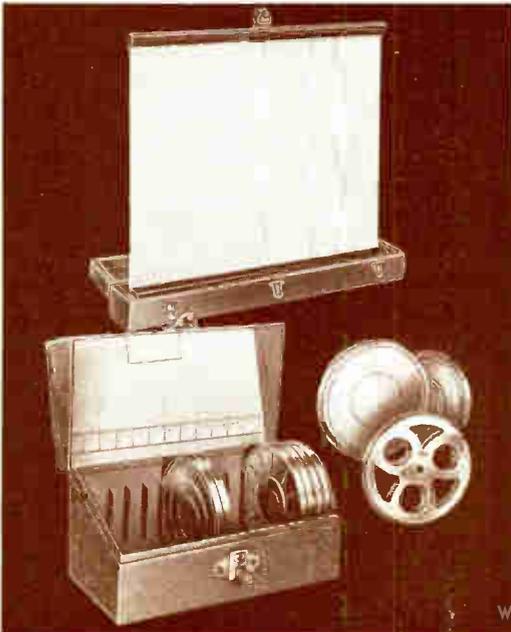
16mm—300 ft. capacity.

PH2463—8mm Reel. **29c** each

PH2465—8mm Hum. **29c** each

PH2464—16mm Reel. **39c** each

PH2466—16mm Hum. **39c** each



WORLD'S LARGEST STORE

# Lafayette FOR



## EVERYTHING in PHOTOGRAPHY!

### "DeLuxe" Dark Room Outfit

This outfit is especially designed for the advanced amateur, but even the beginner will find it easy to use. And it's really economical to start with this outfit, for we're offering it at an unusually low price. It contains everything necessary for making finished prints, including equipment for ferrotyping or glazing the prints. Sufficient material is provided for producing a great deal of finished work, and all items can easily be replenished from our stock. A clearly written, detailed instruction book is furnished with each outfit. The "DeLuxe" Lafayette kit contains the following parts:

- |                                       |   |
|---------------------------------------|---|
| 1 3 1/4 x 5 1/2" Metal Printing Frame | 1 Glass Stirring Rod                    |
| 1 Special Flat Thermometer            | 1 3-oz. Bottle Squeegee Polish          |
| 3 4x6" Enamelled Trays                | 1 Flannel Cloth                         |
| 1 Film Washer                         | 20 3 1/4 x 5 1/2" Sheets Printing Paper |
| 1 Large Ruby Darkroom Bulb            | 1 1 lb. Box Acid Fixer                  |
| 2 Print Tongs (1-red, 1-black)        | 2 Stainless Steel Clips                 |
| 2 10x14" Squeegee Plates              | 1 Exposure Record-Guide Book            |
| 1 4" Deluxe Print Roller              | 1 18 page Book "Amateur Photography"    |
| 6 M.Q. Tubes (developer)              |   |
| 1 8-oz. Glass Graduate                |   |

Total List Price Value.....\$6.65

PH2605-Lafayette

DeLuxe Kit.

YOUR COST .....

**\$4.49**



### "Economy" Dark Room Outfit

Our "Economy" outfit is especially designed for those desiring to start with just the necessary essentials. Each item included is of excellent quality and the kit is complete enough to do good work right at the start. It provides an excellent foundation for the beginner; other items may be added as his skill increases.

Quan.	Type	List
3	3 1/4 x 5 1/2" Enamel Trays.....	75c
1	2 1/2 x 4 1/4" Print Frame.....	40c
1	Thermometer .....	30c
1	Ruby Bulb .....	25c
4	M.Q. Tubes (developer).....	20c
1	4 oz. Graduate .....	20c
20	2 1/2 x 4 1/4" Printing Paper.....	20c
1	1/2 lb. Box Acid Fixer.....	15c
1	Glass Stirring Rod.....	5c
1	Instruction Book .....	10c
<b>Total List Price Value \$2.90</b>		

Completely Boxed, Shpg. wt. 5 lbs.

PH2606-

YOUR

COST.....

**\$1.89**

### "Junior" Dark Room Outfit

The junior outfit provides a wider range of working facilities than the "Economy" kit, and is especially designed for those desiring a good all-around outfit. Two books are included, one covering the field of amateur photography, the other containing exposure details. Contents:

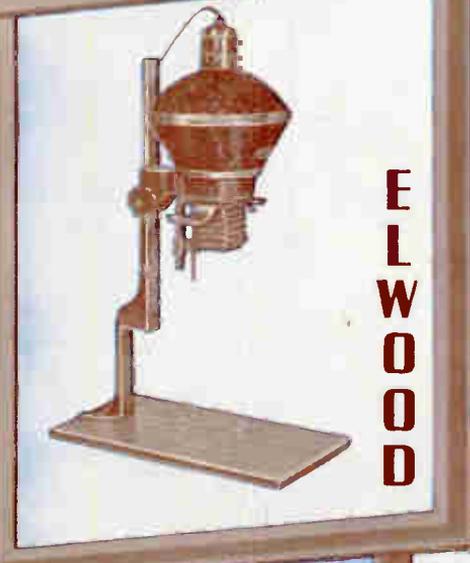
Quan.	Description	List
3	3 1/4 x 5 1/2" Metal Printing Frame .....	75c
1	Special Thermometer .....	75c
3	4x6" Enamel Trays.....	60c
1	1 lb. Box Acid Fixing Powder.....	25c
5	M.Q. Tubes (universal developer) .....	25c
1	Ruby Bulb .....	25c
20	3 1/4 x 5 1/2" Printing Paper.....	25c
1	4 oz. Glass Graduate.....	20c
1	Glass Stirring Rod.....	5c
2	Stainless Steel Clips.....	20c
1	Exposure Record Book.....	15c
1	18 Page Book "Amateur Photography" .....	25c
<b>Total List Price.....\$3.95</b>		

In attractive box.

Shpg. wt. 6 1/2 lbs.

PH2607-YOUR COST.....

**\$2.69**



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### 5 x 7 Studio Model

One of the finest enlargers on the market, for use with almost any kind of projection work. It will enlarge, reduce, make lantern slides, and can be used either vertically or horizontally. A very popular model with both amateur and professional photographers. Large lens board permits use of many different lenses. Negative carrier has spring clips and may be inserted from either side. Patented 10" silvered reflector perfectly constructed and highly polished for maximum, even, overall lighting. Upright stand of extra heavy steel for rigidity, greatest height 55". Body of cast aluminum, accurately machined.

PH2523 Elwood 5x7 Studio Model Enlarger with one 100 watt bulb and 4 ft. extension cord, less lens. List \$30.00. Shpg. wt. 35 lbs.

YOUR COST.....**\$27.00**

PH9244 Miniature attachment permitting use of all small size films up to 2 1/4 x 3 1/4". List \$15.00.

YOUR COST.....**\$13.50**

PH1957 6 1/2" f:6.3 anastigmat lens for use with above enlarger, barrel mount, iris diaphragm. List \$28.50.

YOUR COST.....**\$19.95**

SHIPPED POSTPAID IN U.S.A.

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