

Brownie

STARMETER

CAMERA



WITH KODAK LENS *f/8*

YOUR BROWNIE STARMETER TAKES ALL 3

YOUR Brownie Starmeter Camera will take good clear pictures on cloudy or bright days. Operation is very simple—the built-in exposure meter shows the correct lens-opening number. Wonderful pictures will be your reward if you understand your camera. Read these instructions carefully, and keep your camera handy; then practice each step as it appears in the manual.

1 Kodak Verichrome Pan Film—produces 3½ x 3½-inch standard enlarged black-and-white prints.

2 Kodacolor Film—produces 3½ x 3½-inch standard enlarged color prints.

3 Kodak Ektachrome Film for Daylight for daylight pictures and “Type F” for flash pictures—produce super slides 2 x 2 inches, picture size 1½ x 1½ inches.

See your photo dealer for processing, prints, and enlargements.

Kodak
Verichrome
Pan Film

VP 127

1 for 12 black-and-white snapshots

Kodacolor
COLOR NEGATIVE FILM

FOR
DAYLIGHT
OR FLASH

C 127

2 for 12 color snapshots

Kodak
Ektachrome
COLOR REVERSAL FILM
FOR DAYLIGHT

E 127

3 for 12 color slides

uses
Kodak
127
films



LOAD

*always in
subdued light*

NOTE: If you are practicing with an empty camera and find the shutter release cannot be pressed down, turn the wind knob on the bottom of the camera.

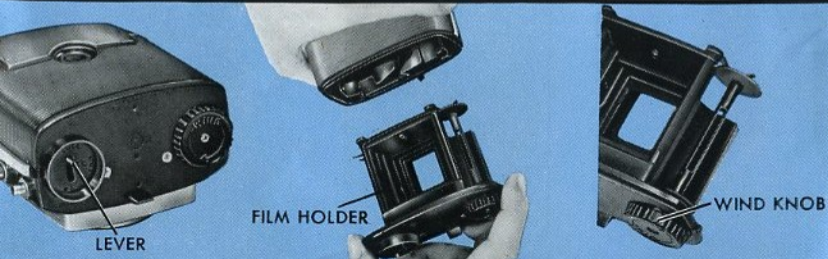
1 Push the LEVER on the bottom of the camera to open; then withdraw the FILM HOLDER from the camera as illustrated.

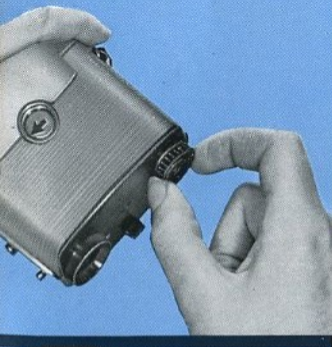
2 The empty spool should be over the WIND KNOB. If the end of the spool does not engage the wind knob, turn the wind knob.

3 Place the end of the full film spool between the fork of the SPRING pointed out by the word LOAD on the film holder. Push up against the spring; then swing the other end of the spool in and let it snap into the HOLE.

4 Break the film seal; then draw the paper, colored side out, over the large opening in the film holder marked FILM THIS SIDE. Thread the end of the paper evenly into the slot of the empty spool. Turn the wind knob two full turns and at the same time apply slight pressure on the paper to be certain it is wound on the spool straight and tight.

5





5 Replace the film holder; make sure it is all the way in. Lock it in place by moving the lever all the way to LOCK.

6 Look into the red window on the camera back. Wind the film until the warning arrow appears; then slowly wind until the "1" is centered in the window. The film name precedes each of the 12 numbers.

Before making any important pictures—a trip or some special event—it is well to shoot a roll of film outdoors and indoors with flash. This will give a check on your equipment. Your Kodak dealer will be glad to help you.

Keep the lens sparkling clean. Wipe the surface gently with Kodak Lens Cleaning Paper or Kodak Lens Cleaner and a soft, lintless cloth.



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PICTURE TAKING

YOUR camera has a built-in exposure meter which measures light reflected from the subject to the camera. The amount of light is indicated in the meter window as an exposure-value number which is the correct lens-opening setting for the camera.

To set the meter you must know the daylight exposure index of the film loaded in the camera. Kodak Verichrome Pan Film has a daylight exposure index of 80 which is printed on the paper leader of the film. The exposure indexes for Kodak color films are given in the instructions packed with the films. Proceed as follows:

1 The lower portion of the EXPOSURE DIAL on the top of the camera is marked for American Standard Exposure Indexes of 32, 40, 50, 64, 80, 100, and 125. Turn the dial by its two raised cross-ribs until the line from the exposure index number of the film in the camera is at the INDEX MARK. For example: the exposure index for Kodacolor Film is 32—set the line from 32 at the index mark.



Your camera is calibrated between exposure-value numbers at the top of the EXPOSURE DIAL. For best exposure, especially with Kodak Ektachrome Film, set between-number readings at the proper red dot centered in the EV WINDOW. (See page 8, paragraphs 2 and 3)

7



This picture shows the recommended way to hold the camera. It is important that you hold the camera steady and that your finger or the neck strap is not in front of the taking lens or the exposure meter.

2 For outdoor pictures, *point the camera toward the subject and hold it there until the exposure reading, described in this paragraph, has been made.* The **POINTER** in the exposure dial on the top of the camera will move in the window and point to or near one of the five exposure value numbers located over the window. Note the *nearest* number.*

3 Turn the **LENS OPENING RING** on the front of the camera until the number indicated by the pointer appears in the **EV WINDOW**. The camera is now set for proper exposure.

4 Compose the picture with your eye close to the rear opening of the viewfinder so that you can see all four corners of the front finder. For sharp pictures, the camera-to-

subject distance should be no less than 5 feet.

Important: For proper exposure, the meter must read light reflected by the subject; therefore, *on sunny days, keep the sun behind you.*

5 Hold the camera *steady* while *slowly* pressing the **SHUTTER RELEASE** all the way down.

8 *If the meter reads less than 12, the light is insufficient for proper exposure.

SHUTTER RELEASE



6 Wind the film to the next exposure. The shutter release will remain locked after each exposure until the winding knob is turned. This feature prevents more than one exposure on the same frame of film.

MORE ABOUT VERICHROME PAN FILM

The daylight exposure index of 80 for Verichrome Pan Film includes a safety factor intended to prevent underexposure due to variations in equipment and use. If you find that your Brownie Starometer Camera produces overexposed pictures when used outdoors, the exposure can be reduced by turning the exposure dial on the camera to 125 instead of 80.

UNLOAD *always in subdued light*

1 After the 12th snapshot, wind until the end of the paper passes the window and is completely wound on the take-up spool.

- 2 Push the lever to OPEN. Withdraw the roll holder. Grasp the end of the film spool near the forked spring and swing the film out.
- 3 Fold the end of the paper under. Seal it with the paper sticker.
- 4 To reload the camera, move the empty spool to the wind knob side of the roll holder.

Important: Do not leave the exposed film in bright light. Always have the film developed as soon as possible.



FLASH PICTURES

FLASH PICTURES are easy to make. Just attach a Kodak Supermite or Kodalite Midget Flashholder.

When taking flash pictures, the exposure meter no longer provides the proper exposure-value numbers for setting the lens opening ring on the front of the camera. Proceed as follows:

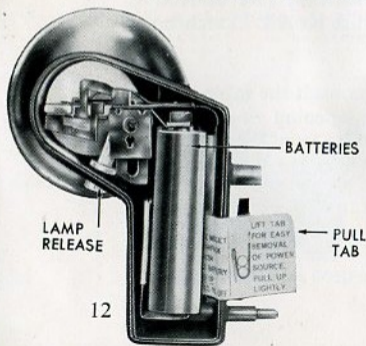
- 1 Attach the Kodak Flashholder to your camera. See page 12 for instructions for the Supermite Flashholder.
- 2 Insert a flash lamp in the socket.
Use *clear* flash lamps with Kodak Verichrome Pan or Kodacolor Films. To make color slides indoors, use Kodak Ektachrome Film Type F and *clear* flash lamps.
- 3 With the Kodak Supermite Flashholder, consult the table on the back of the flashholder. Then, turn the lens-opening ring until the proper exposure value number for the distance from the camera to the subject, as shown in the table, is centered in the EV window.
- 4 Compose the picture; then press the shutter release to flash the lamp and take the snapshot.
- 5 Depress the LAMP RELEASE to remove the used lamp.

KODAK SUPERMITE FLASHHOLDER

How to install the batteries:

- 1 Remove the cover plate by loosening the coin-slotted screw.
- 2 Make sure that battery and flashholder contacts are clean; then insert two fresh 1½-volt penlite BATTERIES* with *both bases down*. Use fresh batteries which test at least 3½ amperes. Make sure that the cloth PULL-TAB is under the inside battery; the tab end, however, must be out for removing used batteries.
- 3 Fold the end of the tab over the outside battery, replace the cover plate, and tighten the coin-slotted screw.

*If a Kodalite Midget B-C Flashpack is used in place of penlite batteries, insert the required 15-volt battery *after* the flashpack has been installed. Place the end of the flashpack with the plus sign *under* the upper contact spring of the flashholder rather than as directed in step 5 of the instructions packed with the flashpack.



Attaching the Flashholder

Attach the flashholder to the camera by placing the flash posts of the flashholder in the flash receptacles on the side panel of the camera. Then securely tighten the knurled knob on the side of the flashholder.

Flash Lamps

The flashholder is designed to accept the AG-1 flash lamps only. Orient the glass base of the lamp to match the horizontal slot in the socket and firmly push the lamp straight in until it "clicks" into place.

To release a used lamp, tip the flashholder slightly forward and press the LAMP RELEASE.

Exposure

In making flash pictures, exposure depends on the distance from the flash lamp to the subject. For good pictures, stay within the range of distances shown on the back of the flashholder.

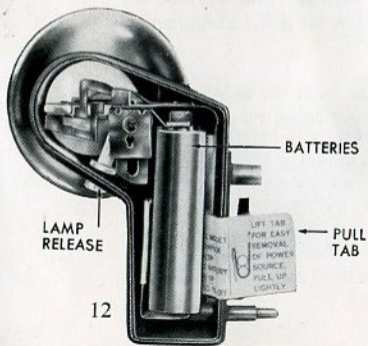
Caution: Since lamps may shatter when flashed, use of a transparent, protective shield, such as the Kodak Supermite Flashguard, over the reflector is recommended.

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*watch
out
for
these*

You'll take better snapshots if you avoid these three common mistakes pictured below. Keep these in mind.

1 CAMERA MOVEMENT, during the exposure, results in a blurred picture. Hold the camera steady and press the shutter release with a slow, steady motion.

2 If you want to avoid pictures with a foggy effect, don't make pictures with a DIRTY LENS. Clean your lens with Kodak Lens Cleaning Paper.

3 If YOUR FINGER OR THE NECK STRAP IS IN FRONT OF THE LENS, you'll get a picture similar to this.

1



2



3



GUARANTEE

WITHIN a year after purchase, any repairs necessary to this Brownie Starmeter Camera due to a defect in materials or workmanship will be made or, at our option, the camera will be replaced without charge. No other warranty or guarantee, express or implied, shall be applicable to this equipment. Nor are we responsible for loss of film, for other expenses or inconveniences, or for any consequential damages occasioned by the equipment.

In case of unsatisfactory operation, the camera should be sent directly or through a Kodak dealer to Eastman Kodak Company or a repair firm authorized by us to make such repairs. It should be accompanied by a description of the trouble encountered and other available information regarding the camera, including the date and place of purchase.

EASTMAN KODAK COMPANY

Rochester 4, New York

CAMERA FEATURES

- film* . . . Kodak 127 roll film—negative or transparency size 1 5/8 x 1 5/8 inches—12 exposures per roll
- pictures* . . . Standard enlarged color and black-and-white prints 3 1/2 x 3 1/2 inches—color slides 2 x 2 inches (super slides)
- exposure meter* . . . Integral part of camera. Reads reflected light
- lens* . . . Kodar *f*/8—44 mm—three elements—fixed focus
- shutter* . . . Instantaneous—synchronized for flash—with double exposure prevention
- viewfinder* . . . Optical—eye level type
- neck strap* . . . Adjustable—supplied with camera
- photo aids* . . . Field Case. Kodak Close-up Attachment No. 7A. Kodak Cloud Filter No. 7A. Kodak Pocket Viewer, Models 1 or 2. Kodak Illuminator, Model 1 (for Kodak Pocket Viewers). Kodak 300 or 500 Projector
- flashholders* . . . Kodak Supermite. Kodalite Midget.

EASTMAN KODAK COMPANY • ROCHESTER 4, N. Y.