

GUARANTEE

Within a year after purchase, any repairs necessary to this KODAK INSTAMATIC 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 a defect, 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.

Consumer Markets Division

EASTMAN KODAK COMPANY, Rochester, N.Y. 14650

Pt. No. 633080
5-67-CH-AEX

Printed in the United States of America



Kodak Instamatic® S-20 camera

Your KODAK INSTAMATIC S-20 Camera takes all 3

- 1 Black-and-white snapshots
- 2 Color snapshots
- 3 Color slides

Before you take any important pictures, try a test cartridge of film to check the camera and your operation of it. Expose pictures outdoors and also indoors with flash. If time is pressing, a cartridge of black-and-white film can be processed very quickly.



(Pictures, approx. 2/3 actual size.)

Your compact, pocketable KODAK INSTAMATIC S-20 Camera features instant loading, automatic lens-opening settings, and automatic flashbulb advance using the new flashcube.

Simply "pop" out lens mount to picturetaking position; then . . .

- Drop in film cartridge—camera is loaded
 - Rotate Film Advance Knob—first exposure is ready
 - Aim through Eye-level Finder—you see a bright, clear image of your subject
 - Press the Shutter Release—you've snapped the picture
- . . . for the important details, carefully read the instructions which follow, with the camera handy for reference.

Important!

- Install batteries as described on page 10. They provide power for setting the lens opening and lighting the insufficient-light signal for outdoor pictures, as well as supplying power for flash.
- The Shutter Release will not operate until the lens mount is extended (page 5), film is loaded in the camera, and the film advance knob is turned until it reaches its stop (page 7).

FILM Your camera accepts KODAK film in the 126 cartridge for instant loading and unloading.

KODAK VERICHROME Pan Film—For 12 black-and-white snapshots. You can order standard 3½ x 3½-inch black-and-white prints or enlargements from your film negatives through your photo dealer.

KODACOLOR-X Film—For 12 or 20 color snapshots. Standard 3½ x 3½-inch color prints or enlargements from your film negatives are available from your photo dealer.

KODACHROME-X Film—For 20 color slides. This film produces color slides which can be obtained, mounted in standard 2 x 2-inch cardboard mounts for projection or viewing, through your photo dealer.

KODAK EKTACHROME-X Film—For 20 color slides. This film produces color slides which can be obtained, mounted in standard 2 x 2-inch cardboard mounts for projection or viewing, through your photo dealer.

KODAK High Speed EKTACHROME Film—For 20 color slides. This extremely fast film is ideal for taking daylight pictures of dimly lighted subjects. It produces color slides which can be obtained, mounted in standard 2 x 2-inch cardboard mounts for projection or viewing, through your photo dealer.

NOTE: You obtain color negatives from KODACOLOR-X Film. These negatives are primarily for enlarged color prints, but you can also obtain color slides from the negatives. From KODACHROME-X, KODAK High Speed EKTACHROME or EKTACHROME-X Film, you obtain color slides, ready for projection. You can also have duplicate slides or enlarged color prints made from the original slides.

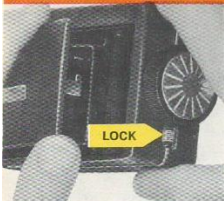
EXTEND LENS MOUNT AND SHUTTER RELEASE



Press in the RELEASE BUTTON on the bottom of the camera—the LENS MOUNT and SHUTTER RELEASE will spring out to their picturetaking positions. The lens mount and shutter release can be retracted by merely pressing in on the front of the lens mount, at two opposite points, until it locks.

Important: Always retract the lens mount when the camera is not in use. This breaks the electrical circuit so that bright light entering the electric eye will not exhaust the batteries.

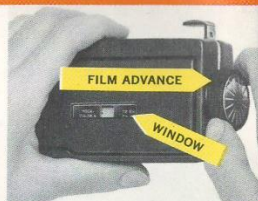
LOADING



1 Open the back of the camera by sliding up the lock button and swinging out the hinged cover.



2 Place a film cartridge in the camera with the larger cylindrical end down and toward the lock button, as illustrated.



3 Close the back of the camera by pressing the back against the body until it locks. The film speed is now automatically set. The film name and number of exposures per cartridge appear in the WINDOW on the back of the camera.

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4 Rotate the FILM ADVANCE knob clockwise (or back and forth like a watch) until the knob reaches a stop (about 7 full turns); built-in slippage beyond this point prevents over-winding. As the knob is turned, a series of arrows, appearing in the window, indicates that the film is advancing toward the first exposure.

The number that appears in the center of the window on the back of the camera (the same number may appear in duplicate) serves as your exposure counter. **Important: Disregard this exposure number when advancing film;** the film advance knob must always be rotated to its stop, otherwise, the shutter release cannot be depressed for picturetaking.

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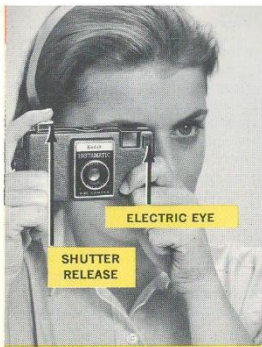
UNLOADING

1 After the last picture, rotate the film advance knob until all of the yellow paper has been wound past the window before you open the back of the camera. The appearance of an "X" in the center of the window indicates that the film has been exposed, but that the backing paper has not been wound into the take-up chamber.

2 Slide up the lock button and open the camera.

3 Remove the cartridge by turning the camera over to allow the cartridge to fall into your hand. **Do not open the cartridge**—your pictures may be ruined.

NOTE: Do not remove the cartridge from the camera until all the yellow paper, with the "Xs," has been moved past the window; otherwise several exposures will be "light-fogged." Removing and replacing partially-exposed cartridges, even under darkroom conditions, may result in loss of one exposure.



OUTDOOR PICTURES

- The size of the lens opening is automatically controlled by the amount of light reflected to the electric eye by the subject. *Make sure that the ELECTRIC EYE is not obstructed, during picturetaking, by the fingers or any other object, and that the camera is not pointed toward the sun or other bright light-source.*

NOTE: If there is not sufficient light to take a properly exposed picture, a red warning signal will light in the left side of the viewfinder, as the shutter release is partially depressed. Also, see note, page 12.

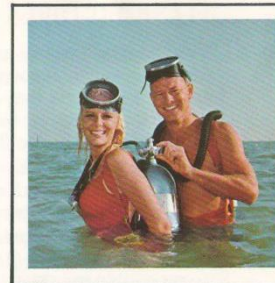
- Keep at least 5 feet from your subject for sharp pictures.
- View the subject by bringing the rear opening of the viewfinder close enough to your

Before taking pictures, make sure that the lens and electric eye are clean and unobstructed by fingers, case, or strap.

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eye to see the four sides of the luminous viewfinder frame. Adjust the eye position to make the edges of the frame stand out; retain this position and move head and camera together to outline the subject in the luminous frame.

- Make sure that the lens mount is extended; then hold the camera steady and take the picture by *slowly* pressing down the SHUTTER RELEASE all the way.
- Rotate the film advance until it reaches a stop (about 1 full turn). This positions the next exposure and raises the shutter release for picturetaking.



Color prints, like the one above (shown half-size), can be produced from KODACOLOR-X and other color films.

Double Exposure Prevention: The shutter release cannot be depressed after tripping until the film advance knob is again rotated until it reaches its stop.

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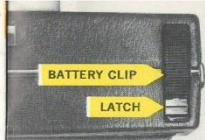
FLASH PICTURES

Your camera features easy, rapid flash picturetaking with the new flashcube which incorporates 4 blue bulbs, reflectors and flashguards. Each time that film is advanced, after taking a flash shot, the flashcube rotates one quarter turn counterclockwise to bring another flashbulb into firing position.

- For color prints, use KODACOLOR-X Film.
- For color slides, use KODAK EKTACHROME-X, KODACHROME-X or KODAK High Speed EKTACHROME Film.
- For black-and-white prints, use KODAK VERICHROME Pan Film.

Distance—The camera-to-subject distance must be between 5 and 10 feet for all films except High Speed EKTACHROME Film. The distance range for this faster film is 9 to 14 feet.

Batteries: Two fresh, 1.5-volt, alkaline, button-type, PX825 batteries, such as those packed with the camera, are required. Before installing, clean battery contact surfaces with a rough cloth. To

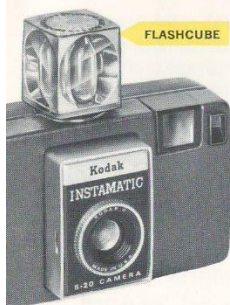


NOTE: To insure most dependable service, clean battery contact surfaces periodically with a rough cloth. For maximum protection of camera contacts, batteries may be removed if camera is stored.

install batteries, first press the thumbnail LATCH of the battery clip (on bottom of camera) toward the front of the camera; the BATTERY CLIP will spring out so that it can be withdrawn for loading. As shown in the illustration, slide one battery, positive (+) side up, into the open end of the clip; press the other battery, positive (+) side down, into the remaining circular recess in the clip—press down firmly to seat. Replace the clip in its camera recess with the clip LATCH toward the back of the camera, as shown. *Make sure the clip is all the way in.*

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Taking Flash Pictures

1. Insert the Flashcube—Insert the base of the FLASHCUBE into the socket on the top of the camera; then press down the flashcube until it snap-locks in place with one of its four sides facing forward. Flash exposure is not controlled by the electric eye, but depends on the camera-to-subject distance.

The cube revolves one quarter turn each time film is advanced to the next exposure, thus providing flash for 4 successive exposures if a fresh cube is in place. To use a partially used cube, insert the cube with a fresh bulb forward, keep-

NOTE: If in outdoor picturetaking, the red warning signal (in viewfinder window) indicates insufficient light for proper exposure because of heavy overcast or shaded light conditions a flash picture of subjects approximately 5 to 10 feet from the camera can be made.

Important: Do not obstruct rotation of flashcube.

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ing in mind the counterclockwise rotation of the cube to bring succeeding fresh bulbs to the frontal firing position. The cube can also be rotated by hand (clockwise) to position a bulb.

To remove flashcube, press it either forward, back, or to one side.

2. Check Camera-to-Subject Distance—The distance from the flashcube to the subject is important for proper exposure. Therefore, *make sure* that the subject is *no closer than 5 feet or farther away than 10 feet* for all films except High Speed EKTACHROME. With High Speed EKTACHROME, the range is 9 to 14 feet.

3. Flash the Picture—View the subject by bringing the rear opening of the viewfinder just close enough to your eye to see the four sides of the luminous viewfinder frame. Adjust the eye position to make the edges of the frame stand out; retain this position and move head and camera together to outline the subject in the luminous frame—then, *slowly* press the shutter release to flash the bulb and take the picture.

When film is advanced for the next exposure, the cube will revolve one quarter turn to bring another bulb into firing position.

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PHOTO AIDS

You can extend your picturetaking scope and enjoyment with the photo aids described below. See your Kodak dealer for these and others.

KODAK INSTAMATIC Pouch Case, Model H—This attractively lined, soft leather, zippered case will provide protection for your camera. An opening in the case and a leather loop allow the camera strap to project and support the case when the camera is in use.

Lens Attachments—For extra-close pictures of people, flowers, etc., merely slip a close-up attachment over the lens (lens-mount diameter 25.5 mm).

KODAK Flashcube Extender—Increases the distance between the lens and the flashcube to produce more pleasing modeling and shadow effects in close-ups.

KODAK Projectors—A KODAK Projector or viewer will show your color slides big, bright, and sharp on the screen. Ask your dealer to see the low-cost, compact KODAK READY-MATIC Viewer or the popular KODAK CAROUSEL Projectors.

KODAK Publications—KODAK Publications cover a wide range of subjects. Your dealer will be glad to show you, for example, "How to Make Good Pictures"—perhaps the most popular picture-taking book of all time—and other inexpensive books on photography.

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SERVICE FACILITIES

If your KODAK camera should require attention, complete service facilities are provided at Rochester and in Kodak Regional Sales Divisions at the addresses, opposite. Also, service, covered under the guarantee, is available through independent service shops in many cities. For such local, guarantee-covered service, please see your Kodak dealer or refer to the yellow pages of your telephone directory under Photographic Equipment and Supplies—Factory Approved Warranty Service.

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800 Lee Road
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1901 West 22nd Street
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Dallas, Texas 75207

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