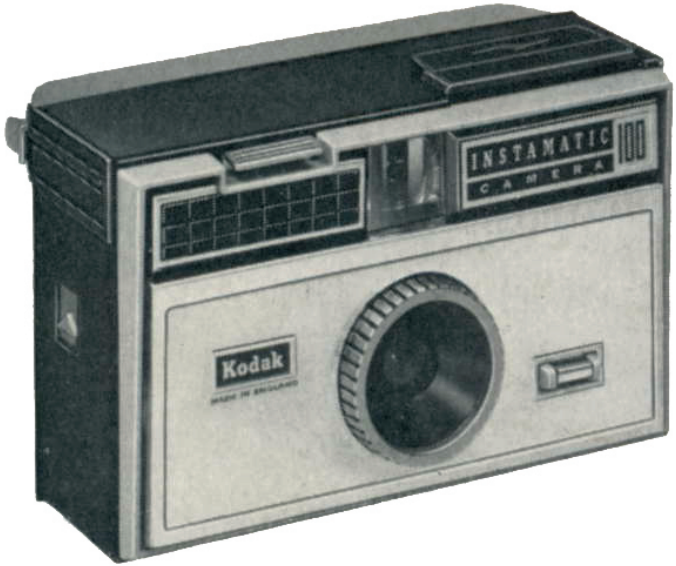
YOU LOAD INSTANTLY!



KODAK INSTAMATIC 100 CAMERA

KODAK INSTAMATIC 100 Camera

Your new KODAK 'INSTAMATIC' 100 Camera is feature-packed to give you *instant, effortless picture-taking* by daylight or built-in "pop-up" flash.

Simply do this . . .

- Drop in a 'Kodapak' Cartridge – camera is loaded.
- Operate film advance lever until it locks – 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.

. . . read on for the important details

Full-colour $3\frac{1}{2} \times 3\frac{1}{2}$-inch (9 × 9 cm) colour prints like that shown here (reduced size), are available from your 'Kodacolor-X' Film.

When you first get your camera, it's a good idea to take some pictures outdoors, and indoors with flash. This will give you practice before you set out to take important pictures.

NOTE: *You cannot operate the shutter release without a 'Kodapak' Cartridge in the camera.*

Your camera accepts 'Kodak' No. 126 Film in the 'Kodapak' Cartridge for instant loading and unloading.

You can have black-and-white prints, colour prints or colour slides, depending on which of the following 'Kodak' Films you choose.

FILMS

'Verichrome' Pan Film – for 12 black-and-white prints. Standard $3\frac{1}{2} \times 3\frac{1}{2}$-inch ($9 \times 9$ cm) black-and-white prints can be made from your 28×28 mm negatives; order prints from your Kodak dealer.

'Kodacolor-X' Film – for 12 colour prints. Standard $3\frac{1}{2} \times 3\frac{1}{2}$-inch ($9 \times 9$ cm) colour prints (like that shown in reduced size on page 3), or even greater enlargements, can

be made from your 28 × 28 mm negatives. See your Kodak dealer for more details.

'Kodachrome-X' Film – for 20 colour slides. Post exposed film direct to Kodak Limited. Your colour slides will be returned to you mounted in 2 × 2-inch (5 × 5 cm) cardboard mounts, ready for projection.

'Ektachrome-X' Film – for 20 colour slides. Colour slides, mounted in standard 2 × 2-inch (5 × 5 cm) cardboard mounts, are for showing in slide projectors. Exposed 'Ektachrome-X' Film may be taken to any Kodak dealer for processing.

Ask your dealer to show you the range of 'Kodak' Projectors

NOTE: Although 'Kodacolor-X' Film is primarily for colour prints, and 'Kodachrome-X' and 'Ektachrome-X' Films for colour slides, nevertheless colour slides can be made from 'Kodacolor-X' negatives and colour prints made from 'Kodachrome-X' and 'Ektachrome-X' slides.

LOADING

1

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

2

Place a 'Kodapak' Cartridge in the camera with the larger cylindrical end **down** and toward the lock button, as illustrated.

3

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

4

Push the FILM ADVANCE lever toward the front of the camera and allow it to return. Repeat until the lever locks – about a dozen full strokes (as the film advances, a series of arrows appears in the window). You are now ready for the first picture. After each picture, operate the film advance *until it locks* (1½ to 2 strokes).

The number that appears in the window on the back of the camera (shown left) serves as your exposure counter. One or two of the same numbers may appear, as shown.

UNLOADING

1. After the last picture, **operate the film advance lever until all the yellow paper has been wound past the window** (an "X" in the window indicates that the backing paper has not been fully wound into the take-up chamber).

2. Slide up the lock button and open the back of the camera.

3. Lift out the used 'Kodapak' Cartridge and re-load with a fresh one.

NOTE: *Partially used 'Kodapak' Cartridges cannot be interchanged or removed from the camera except in a darkroom. Therefore, do not open the back of the camera after loading until the yellow paper has been wound past the window. Otherwise, some of the pictures will be spoilt by "light-fogging".*

OUTDOOR PICTURES

- Keep the sun behind you. Your subject should be in bright or hazy sunlight. If cloudy, but bright, see note on page 11.
- Keep at least 4 feet (1·2 m) from your subject for sharp pictures.
- View the picture with your eye close to the rear opening of the viewfinder, as shown.
- Hold the camera still and take the picture by *steadily* pressing down the SHUTTER RELEASE all the way.
- Operate the film advance lever until it locks ($1\frac{1}{2}$ to 2 strokes).

You are ready for the next exposure.

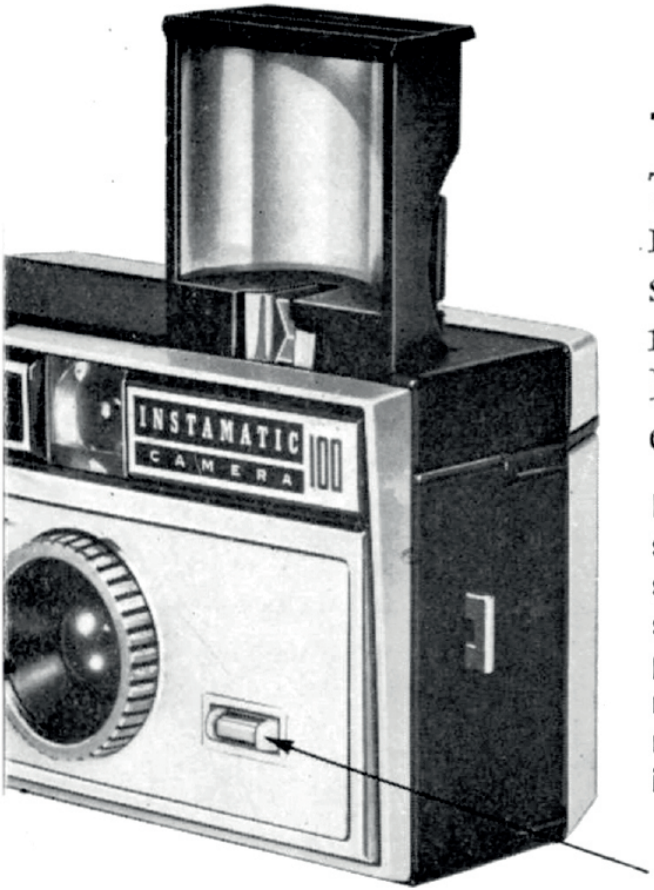
NOTE: Your pictures cannot be spoiled by "double exposures". After taking a picture, the shutter release is locked until the film is advanced.

FLASH PICTURES

Films, Flashbulbs and Distances–Pictures indoors by flash are as easy to take as outdoor shots. Just be sure to use the correct bulb (clear or blue) for the film loaded in the camera, and observe the recommended camera-to-subject distance ranges as given below. For handy reference, distance ranges are shown on the back of the Flasholder.

- For colour slides indoors, use 'Kodachrome-X' or 'Ektachrome-X' Film and AG-1B (blue) bulbs. The camera-to-subject distance must be between 4 and 7 feet (1·2–2 m).
- For colour prints indoors, use 'Kodacolor-X' Film and AG-1 (clear) bulbs. Camera-to-subject distance must be between 4 and 10 feet (1·2–3 m).
- For black-and-white prints, indoors, use 'Verichrome' Pan Film and AG-1 (clear) bulbs. The camera-to-subject distance must be between 4 and 10 feet (1·2–3 m).

Flash Batteries: Two batteries, size AAA, are required. Use *only* Ever Ready HP16, Berec HP16 or Mallory MN-2400. Other batteries are not recommended. Replace HP16 batteries at least every 12 months. To install batteries, first open the battery compartment at the bottom of the camera, as shown left, by sliding the raised RIB of the battery cover to the opposite end of the recess. Insert the batteries – one base *down*, the other base *up* – as illustrated. Press down the batteries while sliding the cover back to close the compartment. *The cover must be all the way back to complete the electrical circuit.*



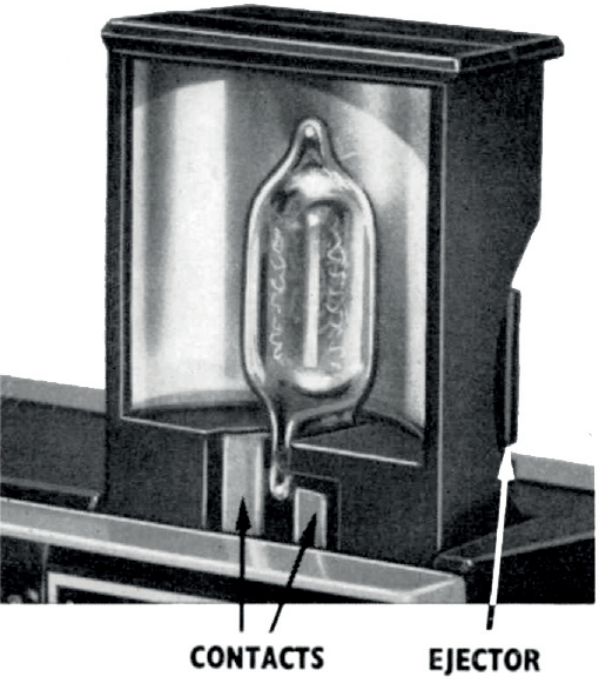
Taking Flash Pictures

1

To raise the Flasholder, first press the RELEASE BAR to "pop-up" the Flasholder slightly; then grasp the Flasholder and raise it into the picture-taking position. The Flasholder *must be all the way up* to make electrical contact.

NOTE: With the Flasholder **all the way up,** the shutter speed is automatically set to a nominal 1/40 second; with the Flasholder down, to a nominal 1/90 second. To permit acceptable exposure of outdoor pictures under less favourable light conditions than recommended on page 8 (i.e. when cloudy, but bright), raise the Flasholder (remember to remove the bulb if one is fitted) to obtain the slower shutter speed.

2

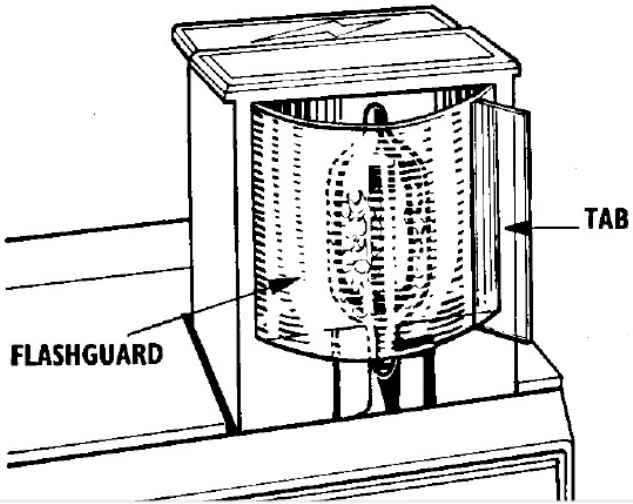


Insert an AG-type flashbulb by sliding the narrow edge of the glass base in between the Flasholder CONTACTS and pressing it back against the ejector finger until it is locked in place. To release a bulb, press the bulb EJECTOR as far as it will go toward the centre of the camera. Do not touch bulbs during or after firing – they will be extremely hot.

NOTE: A fresh bulb can remain in the Flasholder without firing when the Flasholder is retracted into the body. Therefore, you can always be ready for a quick flash shot – simply raise the Flasholder all the way and shoot.

3 A transparent plastic FLASHGUARD is packed with the camera. When taking close-ups and groups, the use of the Flashguard is recommended. Never take flash pictures in an explosive atmosphere.

After inserting a flashbulb, hold the Flashguard by the raised TAB, and, as illustrated, seat one narrow end inside the left frame, flex the Flashguard slightly; then seat the opposite narrow end inside the right frame. Remove the Flashguard before ejecting the bulb or retracting the Flasholder.



4 The distance from the flashbulb to the subject is important for correctly exposed pictures. Therefore, make sure that the subject is not closer than 4 feet (1·2 m), and not farther away than 7 feet (2 m) with *blue* bulbs or farther than 10 feet (3 m) with *clear* bulbs.

NOTE: The most pleasing appearance of the subject's eyes will result when the flash picture is taken in a brightly lighted room, and the subject is not looking directly at the camera.

5 View the picture with your eye close to the rear opening of the viewfinder, and steadily press the shutter release to flash the bulb and take the picture.

IMPORTANT TIPS

- **Keep at least 4 feet (1·2 m) from your subject, hold the camera steady and don't obstruct the lens (with fingers, case or strap).**
- **Keep the camera lens and viewfinder clean. Dust with a well-washed handkerchief, or, if necessary, use 'Kodak' Lens Cleaner.**
- **Protect your camera with the 'Kodak' Ever-Ready Case (Code 792) and always use the wrist strap when taking pictures.**
- **For colour slides of distant views, sea and snow pictures, use a 'Kodisk' Haze Filter.**
- **To emphasize white clouds in a blue sky, with 'Verichrome' Pan Film** *only,* **use a 'Kodisk' Cloud Filter.**
- **For close-ups between 21 in (·54 m) and 48 in (1·2 m) use a 'Kodisk' Close-up Lens.**

Use 'Kodisk' Lens Attachments No. 285

FLASH PICTURES

Since the publication of this book certain changes have been made to the flash recommendations. Therefore, please ignore all references to flashbulbs and distances given on pages 9, (10) and 14, and follow the details given below.

'Instamatic' 100 Camera

All films (Colour and black-and-white) — Use AG-1B (blue) bulbs and a camera-to-subject distance of between 4 and 8 feet (1·2–2·4m)

'Instamatic' 300 and 400 Cameras

All films (Colour and black-and-white) — Use AG-1B (blue) bulbs and a camera-to-subject distance of between 5 and 10 feet (1·5–3m)

Do not use bulbs if the blue spot has turned pink. Remove bulbs from packing by *sliding* them from the plastic holder.

Instamatic is a trade mark

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