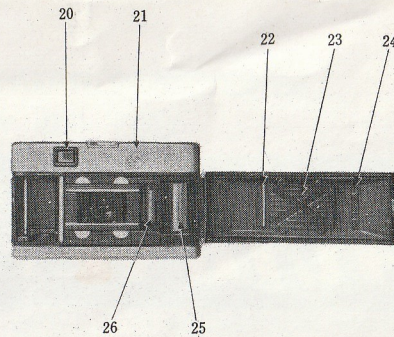
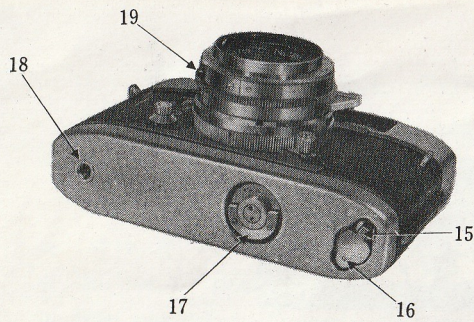
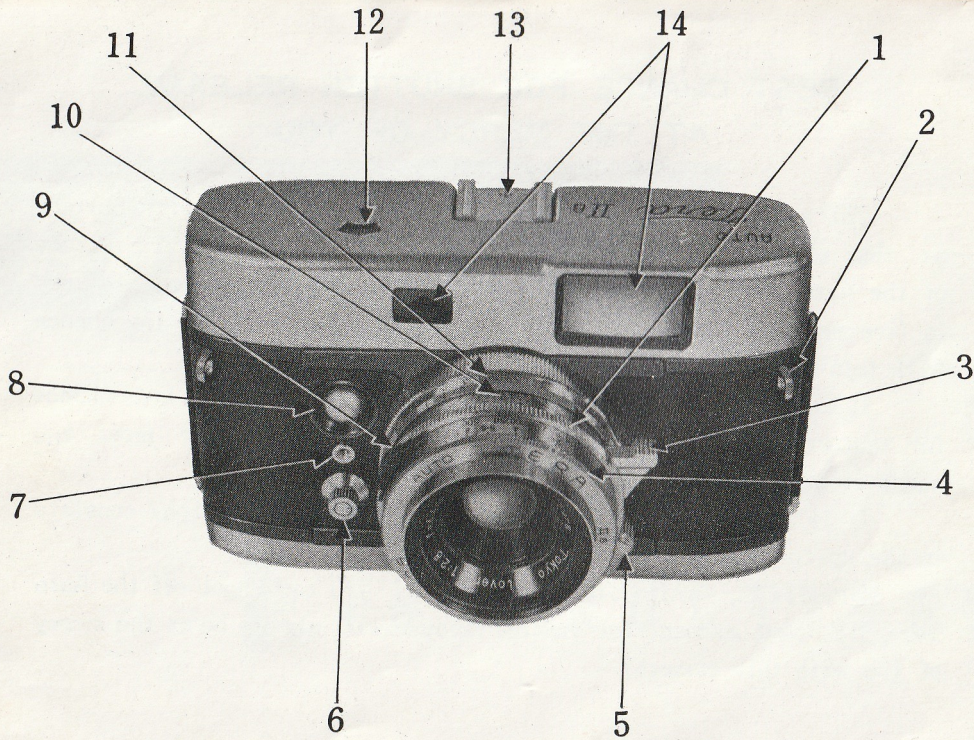


Auto Tera II B



INSTRUCTIONS



- | | |
|------------------------------------|------------------------------------|
| 1. Shutter speed scale | 14. Range-viewfinder window |
| 2. Eyelet for neck strap | 15. Film rewinding crank |
| 3. Automatic film feeding lever | 16. Opening button for hinged back |
| 4. Lens aperture scale | 17. Spring power charging knob |
| 5. Lens focusing lever | 18. Tripod bush |
| 6. Safety knob for shutter release | 19. Synchronizer socket |
| 7. Shutter cable release socket | 20. Range-viewfinder eyepiece |
| 8. Shutter release button | 21. Film type indicator |
| 9. Flash synchronization selector | 22. Guide roller |
| 10. Depth-of-field scale | 23. Pressure plate |
| 11. Distance scale | 24. Pressure spring |
| 12. Automatic exposure counter | 25. Automatic winding spool |
| 13. Accessory shoe | 26. Film spocket |

BEST CHANCE FOR SHUTTER RELEASE AT THE MERCY OF YOU

The snapshot by means of the 35mm camera is now so important as that of 8mm and the 16mm cinecameras. And it is the very feature of the Auto Tera IIB that you can continuously take twelve pictures in five seconds. Accordingly you will hardly lose any shooting chance with this camera.

It depends on a mere moment whether you can catch the best chance for shutter release. And the swift snapshot will surely meet the needs of the times.

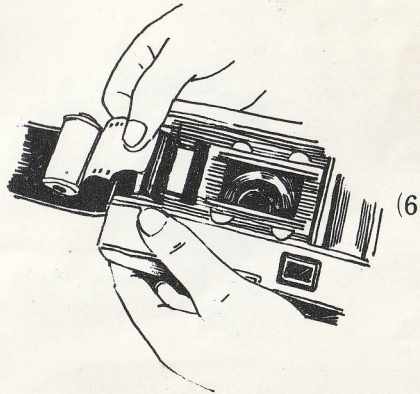
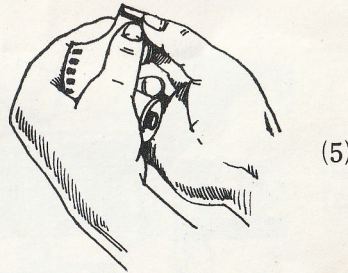
It is not too much to say that the charm of photography consists in the up-to-date snapshot.

LIGHTLY, SAFELY AND SWIFT, you can shoot off the Auto Tera IIB. Next moment for shutter release will always be at the mercy of you with this camera!

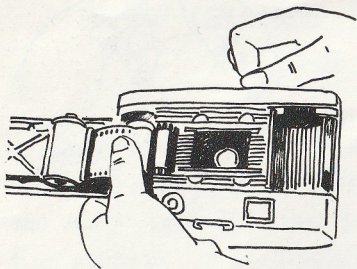
How to operate the Auto Tera IIB

1. Loading

- (1) Adjust the **safety knob** to "A" so that you can operate the camera ordinarily not for double exposure.
- (2) Raise the **rewinding crank** and push the **opening button**.
- (3) Open the camera back thoroughly.
- (4) Push in the **rewinding crank** fully.
- (5) Bend the edge of the film about 5mm to the reverse side of the emulsion.
- (6) Insert the edge under the clip of the **automatic winding spool**. When the clip is not set in an adequate position for the insertion, wind properly the **power charging knob** linked with the spool.



(7)

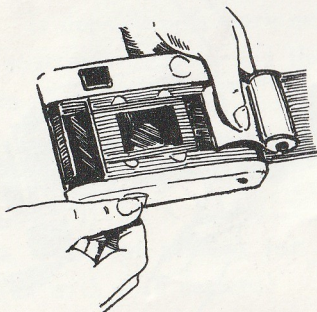


(7) Put the cartridge on the camera back and press lightly down the film with your finger.

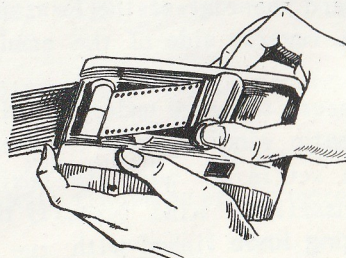
(8) Give about one turn to the **automatic winding spool** winding the power charging knob.

(9) Pull out the film gradually holding the cartridge. Perforations of the film must be fitted in the **sprocket**.

(8)



(9)

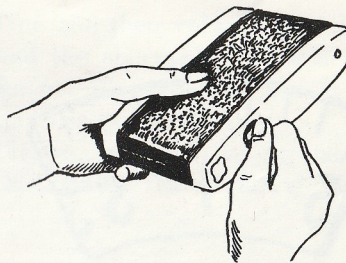


(10) Set the cartridge in the appointed position. You must set it lest the film should be slack. If the film is too slack, it will not be fed at all.

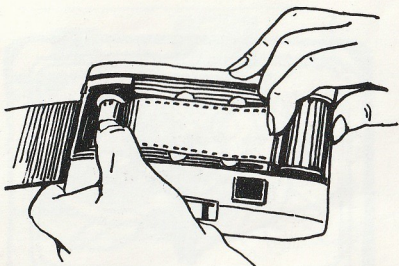
(11) Shut the camera back pushing it on the opposite edge of the hinged side.

(12) Give two or three turns to the **power charging knob**.

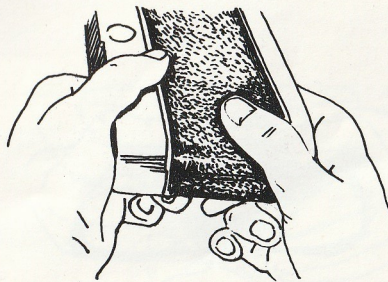
(12)



(10)



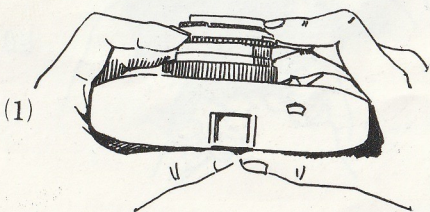
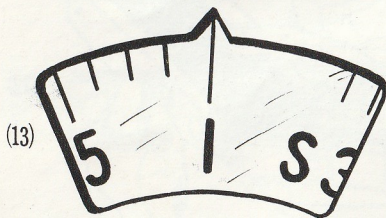
(11)



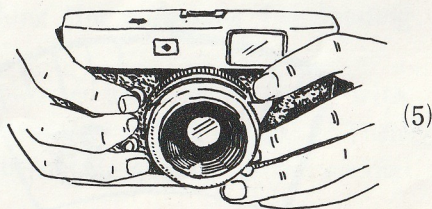
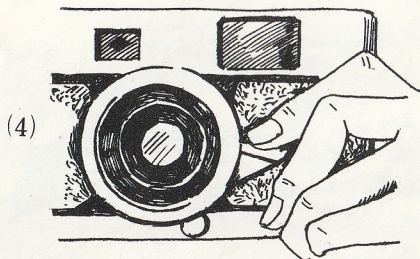
- (13) Release the shutter until the exposure counter is adjusted to "0" (or "1").
 (14) Wind the power charging knob fully.

2. Shooting

- (1) Set the shutter speed and the lens aperture properly.
 (2) Through the range-viewfinder, adjust the distance by turning the lens focusing lever. Two images of the object in the diamond shape in the range-viewfinder will coincide by turning the lever, and the camera is in focus.

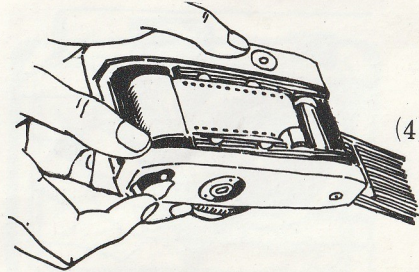
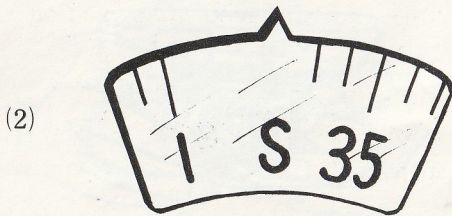
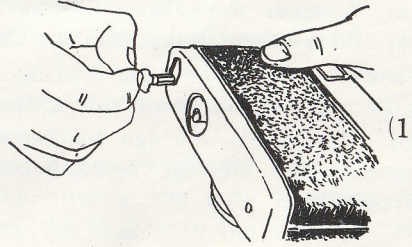


- (3) Compose the picture in the bright frame line and then release the shutter.
 (4) Push down the automatic feeding lever and the shutter is cocked simultaneously with the film feeding. The lever does not directly feed the film but take out the clutch of the power device, so the film is fed lightly.
 (5) Afterwards you can continuously take twelve pictures in five seconds by pushing the shutter release button and the automatic film feeding lever alternately.



3. Unloading

- (1) Pull out the **rewinding crank** fully and rewind it in the direction of the arrow.
- (2) Rewind the film to the last until the **exposure counter** points at "S", and the film is completely rewound into the patrony.
- (3) Push the **opening button** and open the camera back.
- (4) Fold the **rewinding crank** into the set position when the rewinding is thoroughly finished.
- (5) Take out the patrony from the body.



Rewinding crank

Pull out the crank fully and turn it with a touch of pulling still more. This operation of pulling out the crank fully is the same function on the other cameras that you turn a reversing lever in the direction of "R" or that you push a button for the film sprocket.

Therefore you must pull out the **rewinding crank** fully and turn it with a touch of pulling still more not so as to push it in.

Film feeding lever

Film transportation is made by pushing the **automatic film feeding lever**.

The lever will become heavy to push when you push it down with your left index finger. However, push down the lever enough. Then the clutch is taken out and the film is transported quickly by the spring power.

Shutter release button

- (1) **The shutter release button** is equipped with on the body front. And its unique feature is that it hardly jars compared with other cameras when you push it to take photographs. Consequently the button makes the special five-element Plover lens more efficient.
- (2) Release the shutter as if you wrung the button with the tip of the index finger. Put the index finger wholly on the button.
- (3) You must hold the camera body so securely that the body may not be jarred.
- (4) To release the shutter quickly for the purpose of taking snapshots, **the automatic feeding lever** must always be pushed without fail. That is, the spring power must be charged at all times.
- (5) The shutter cannot be released in such occasions as follows.
 - a. The spring power runs short.
 - b. The film is exhausted and there is no frame space to take.
 - c. You have forgot to push down **the automatic film feeding lever**.

Double exposure

“A” on the **safety knob for shutter release** is for ordinary use, “S” for **the safety device** and “D” for **double exposure**.

- (1) If you are going to make double exposure, the safety knob for shutter release must be adjusted to “D,” before the shutter is released.
- (2) Not so far as the knob is adjusted to “A,” only the shutter releasing is possible. Accordingly in this occasion, you can release the shutter over and over again, but the film is not transported.
- (3) When you operate the camera ordinarily again, set the knob to “A” and push **the shutter release button** futilely before you push down **the film feeding lever**. And you are ready for next ordinary shootings.

Range-viewfinder

The Auto Tera IIB has **a built-in range-viewfinder** with the quasi-wide-angle 44mm lens. The finder is our original product specially researched to meet the highest demands. The frame is of full size and the bright frame is brighter than the other ones.

To take a well composed picture, accustom yourself to see an object with your both eyes. That is, the left eye is directly for the whole scenery and the right one is for an object in the scenery through the finder.

Automatic exposure counter

- (1) **The automatic exposure counter** sets itself on loading a film. It registers from the start mark "S" to 37 exposures. When **the rewinding crnak** is wound after finishing all exposures, the counter returns automatically to "S," a position "two divisions below zero."
- (2) When the film is wound back completely, the counter points at "S." And safely you can open the camera back.

Plover lens

- (1) The 44mm f/2.8 Plover is the Auto Tera lens specially researched by one of the most reliable and greatest manufactures in Japan.
- (2) Only the Auto Tera equips with this lens of five-element. And the lens is clearly more efficient than the same sort of other ones.
- (3) Enlargement of about three hundred times in area is easily possible.

Shutter

The shutter of the Auto Tera IIB is made by the Seikosha Co., Ltd., whose roster of famous cameras incorporating the Seikosha shutter is the most eloquent testimonial to the superb design and construction of their precision-engineered shutter.

Structure

1. Spring power mechanism

The specially researched spring is built in the Auto Tera to feed the film automatically, and it is always linked with the restrictive device. Accordingly you never wind the spring excessively and break it if you wind it with all force.

And also the spring does not operate when it has not enough power to feed one frame of the film; that is, such occasion never occurs as half of the frame is fed by the feeble power remaining.

Technically speaking, about seventy per cent of elasticity is used.

2. Bearings

Best oil-less bearings are used and their excellency will be comprehended as you will be using the Auto Tera.

3. Friction of the shutter release button

When you push **the shutter release button** lightly, the button stands apart from the camera body as if it floated. Of course, large friction never occurs under such condition. As to the other brand cameras, they will inevitably rock a little according to the friction of **the shutter release button** and its position on the top of the body.

4. Film feeding

On general cameras, **the film sprocket** transports the film. On the Auto Tera IIB, however, **the automatic winding spool** geared with the spring power winds the the film instantaneously. The film is wound by the spool just as a rope is wound by a winch.

The film sprocket of the Auto Tera operates to measure the frame size. It always revolves 360 degrees automatically when you push the **automatic film feeding lever**. Accordingly you need not be concerned that the perforations of the film may get torn and that the frame size may change gradually as the film is being transported.

5. Parts

Sufficient attention is paid to give the finishing touches for all the parts. Some parts are necessarily hardened or plated with chromium. Except the shutter parts, the number of the parts is 353, which are, of course, more numerous than those of the same kind of cameras.

Matters to be attended

(1) The **film feeding lever** and the **shutter release button** must not be pressed together at the same moment. If done so, the film is not fed because the **preventive device of double exposure** stops. When you push them strongly and the film never be fed at all, pull out the **rewinding crank** to loosen the spring power. Then wind the crank several rotations until the **power charging knob** moves slightly anticlockwise. And the disorder is set right.

(2) When you open the camera back, the **rewinding crank** must be pulled out fully to loosen the spring power.

(3) To take out the patronery from the camera body, you must push in the **rewinding crank** fully.

(4) To examine the shutter releasing, the test film must be loaded. When the film is not loaded, you cannot release the shutter. If you want to release the shutter without the film, you must operate the camera as follows.

Adjust the **safety knob for shutter release** to "D" and open the camera back. Then roll the sprocket with your finger to the right fully. By pushing the **film feeding lever** and the **shutter release button** alternately, you can release the shutter as you please.

(5) If you are going to make double exposure, set the knob to "D" and push down the **film feeding lever**. When you want to operate the camera ordinarily again, set the knob to "A" and push the **shutter release button** futilely before you push down the **film feeding lever**. And you are ready for next ordinary shootings.

(6) Accustom yourself to shut the camera back pushing the edge of it, as the back may be curved when you push it strongly on its central part.

In conclusion

As mentioned above, the Auto Tera IIB is a popular and appealing 35mm snapshot camera with the automatic film feeding device.

It is our manufacturers' will that the Auto Tera will incessantly be improved so effectively that it may be called the most excellent camera both nominally and virtually.

Your kind guidance and suggestion to the Auto Tera camera would be appreciated at all times.

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