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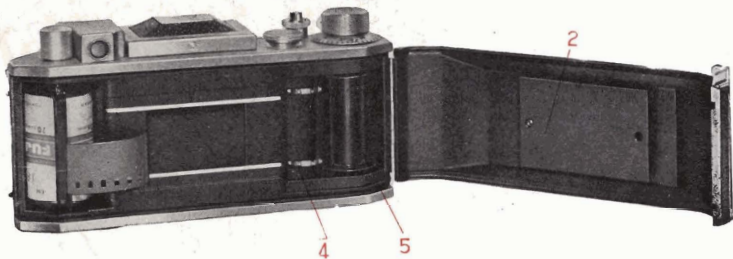
**ASAHI OPTICAL CO., LTD.**

980.Maenocho, Shimura, Itabashi-ku, Tokyo Japan.

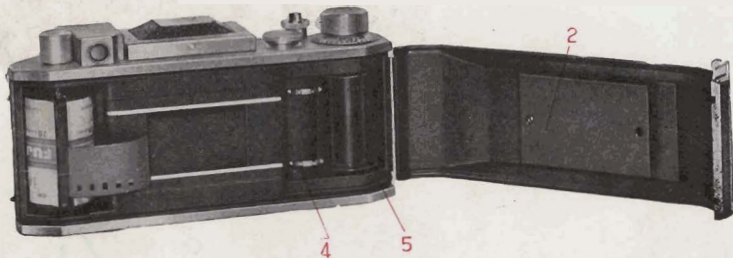
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|-------------------|--------------------------|------------------------------|
| ① Rear cover lock | ⑦ Shutter release button | ⑬ Hood lock                  |
| ② Rear-cover      | ⑧ Exposure counting dial | ⑭ Lens barrel                |
| ③ Rewinding knob  | ⑨ Rewinding clutch       | ⑮ Magnifier                  |
| ④ Sprocket        | ⑩ Taking lens            | ⑯ Distance scale, index mark |
| ⑤ Take-up spool   | ⑪ Lens cap               | ⑰ Diaphragm ring             |
| ⑥ Winding knob    | ⑫ Reflex finder hood     | ⑱ Aperture index mark        |



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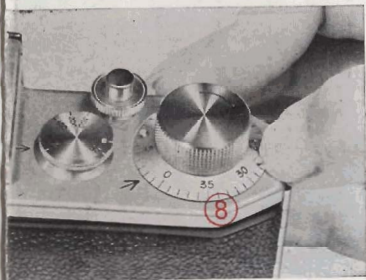
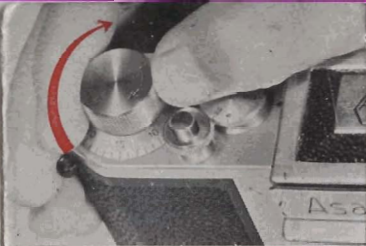




# Asahiflex Model II

With Takumar 3,5/50mm

Type	Single - lens reflex
Film	35 mm film (Daylight loading cartridge used)
Picture size	24 mm × 36 mm (Leica size). 20 or 36 exposures.
Standard lens	1 "Takumar" 50 mm 1:3.5 (Helicoid lens barrel, with pre-set aperture ring)
	2 "Takumar" 58 mm 1:2.4 (Helicoid lens barrel, with pre-set aperture ring)
Shutter	Focal-plane shutter.
	Speed range : B, $\frac{1}{25}$ , $\frac{1}{50}$ , $\frac{1}{100}$ , $\frac{1}{200}$ , $\frac{1}{500}$
Mirror	Quick-return mechanism
Focusing	The focusing is secured by turning the lens barrel with observing the image produced on the ground glass by means of the mirror.
	Focusing range (when extension tube not used)
	2.4/58 mm . . . from 2 ft. to infinity
	3.5/50 mm . . . from 2.5 ft. to infinity
Finder	In addition to the reflex view-finder, eye-level finder is equipped.
Synchronizer	Two terminal sockets "X" and "F" of European type
Double exposure prevention	Double exposure can be prevented as the shutter and the film are wound up simultaneously. Special device is made on to the camera to prevent from being exposed while the winding up. (However, if desired, double exposure may be made by using the lever "R".)
Lens interchange	"Screw-in" type

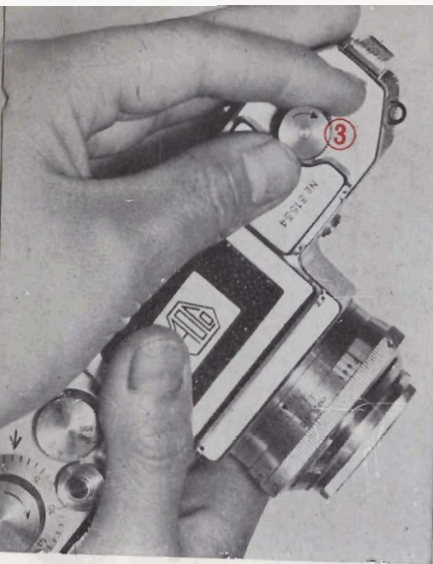


tions of the film. Turn the winding knob⑥ in the direction of the arrow to ascertain that the film is properly wound onto the take-up spool. Close the rear cover② and push down the rear-cover lock①.

Now your camera is loaded, but, while you were loading the film, some length of the film was probably exposed to light.

For the purpose of advancing this exposed section of the film, turn the winding knob⑥ until it will go no further; then press the shutter release button and give the winding knob⑥ another full turn. Repeat this operation twice.

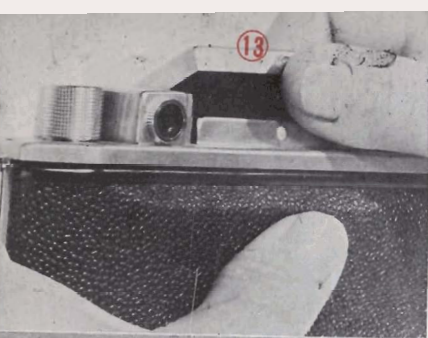
In this way, any exposed is wound onto the take up spool and your camera is ready for the first exposure. However, before taking the first shot, turn the exposure counting dial⑧ located at the



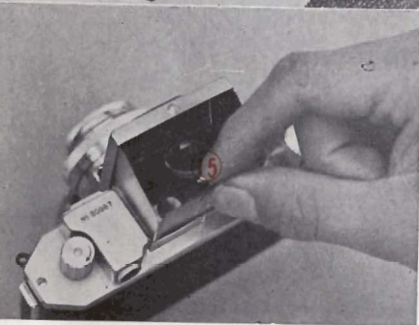
as the film leader of the exposed film is pulled out of the slot of the take-up spool ⑤, the rewinding knob ③ will turn more freely indicating that the entire film has rewound.

After removing the cartridge from the camera, place it in a container to prevent the film from being exposed to light. Do not load or remove the film in direct sunlight.





In order to ensure accurate focusing, a magnifier<sup>15</sup> is attached to the viewfinder hood. The magnifier will be set parallel to the focusing glass if the lug is pulled up. Place your eye as close to the magnifier as possible.

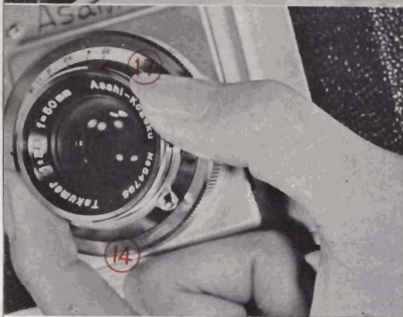


Because the accurately focused image produced on the focusing glass is identical with that which is produced on the film, you can determine the result beforehand.

field is shown by the figures on both sides of the index mark<sup>16</sup>. For instance, when the figure 15 on the distance scale is adjusted directly opposite the index mark and the diaphragm ring is set at 11, these figures will indicate that the depth of focusing field ranges from 10 ft to infinity and that focus can be secured on any subject within that range.



2.4 / 58mm

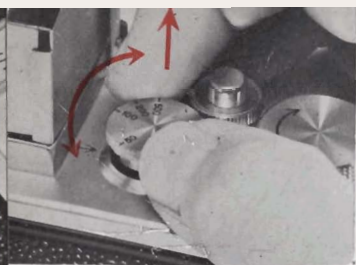


The pre-set aperture ring has been designed in order to eliminate this inconvenience. By setting the pre-set aperture ring beforehand, the diaphragm can be left wide open while securing focus. After accurate focus is secured, and before pressing the shutter, give the diaphragm ring<sup>17</sup> a turn and the ring will stop automatically at the desired lens opening.

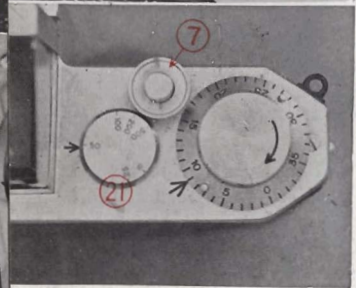
The pre-set aperture ring is operated in one of the following two ways:

① Catch the pre-set aperture lever<sup>19</sup> with your fingertips and adjust the red line to the desired figure (for instance, 5.6). Leave the diaphragm wide open (or in other words, at the figure 3.5) while securing focus. Before pressing the shutter release, turn the iris diaphragm ring a turn and it will stop at the desired aperture.

How to use the pre-set aperture ring ①.....②



⑰ and mount a cable release equipped with a time exposure lock attachment.



Do not stone the camera with the shutter wound. After you have taken the desired number of pictures, put the lens-cap on the lens and press the shutter release. Later, when you wish to make an exposure, set the rewinding clutch⑨ located on the bottom of the camera to the position "R", and then turn winding knob. By doing so, the shutter alone will be wound and the film will not advance. Then, return the rewinding clutch to the original position. In this way, the shutter can be wound without wasting any film.

- ✓ Press the camera close to your cheek to prevent moving and press the shutter release while placing your eye as close to the magnifier as possible.



After securing accurate focus by utilizing the magnifier, fold the magnifier and compose the subject while holding the camera at the height of your chest.



direction of the arrow, until it goes no further. This operation will also set the shutter for the next exposure. The simultaneous winding of the film and shutter prevents double exposures. When the winding knob is given a full turn, the exposure counting dial⑧ automatically registers the advance by showing one graduation.

Determine the distance beforehand and hold the camera against your forehead as shown in the photo and compose the subject through the eye-level viewfinder. This is the best way of holding the camera when making exposure from such a position.

## Takumar Lenses

Besides the standard lens, the following types of lenses are interchangeable with the Takumar lenses for the ASAHI FLEX. All of them are superior coated lenses and all are equipped with pre-set aperture ring except the 500mm lens.



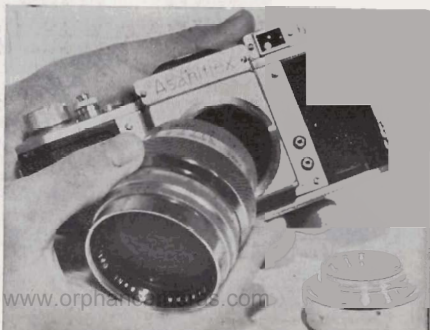
Lens .....	f 3.5 135mm	f 3.5 100mm	f 1.9 83mm
Lens elements ..	5pcs.	3	7
Min.aperture ...	16	16	16
Distance scale ..	6feet~inf.	4.5feet~inf.	3.5feet~inf.
Angle of view ...	18°	24°	29°
Weight .....	500g	280g	440g

## 10. Interchanging lenses

Because the lens barrel is screwed onto the camera body, lenses can be interchanged without the least difficulty.

No matter what type of lens is used, an accurate image will be produced on the focusing glass. Thus, photographing with any of the large number of lenses available can be effected with the greatest of ease.

Do not interchange lenses in direct sunlight.



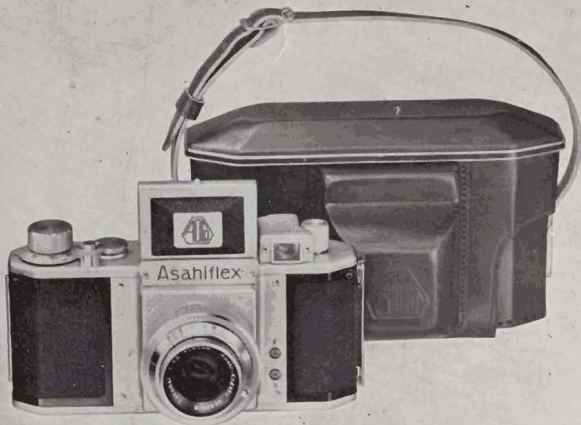


## Special ASAIFLEX copying kit



As in the case of close-up photography, use the appropriate extension tube in copying. In order to give an even lighting to the subject to be copied, it is advisable to utilize the special ASAIFLEX copying kit. By using it, reproduction of documents, old photos, paintings, etc., can be easily affected. Thus, it can be used very effectively particularly in schools, factories and laboratories.

The portable case of this kit can be used as the mat. All you have to do is to attach the stand and pantagraph to the portable case. Because this pantagraph enables you to lower or raise the camera with one hand, focusing as well as composition is greatly facilitated.



*As ASAHI FLEX serves as varied types of camera.*

*Snap-shots for fun;  
Close up picture taking;  
Copying;  
Micro-photograph;  
Astrophotograph; etc.*

*All of the above mentioned can be performed  
through use of simple attachments.*