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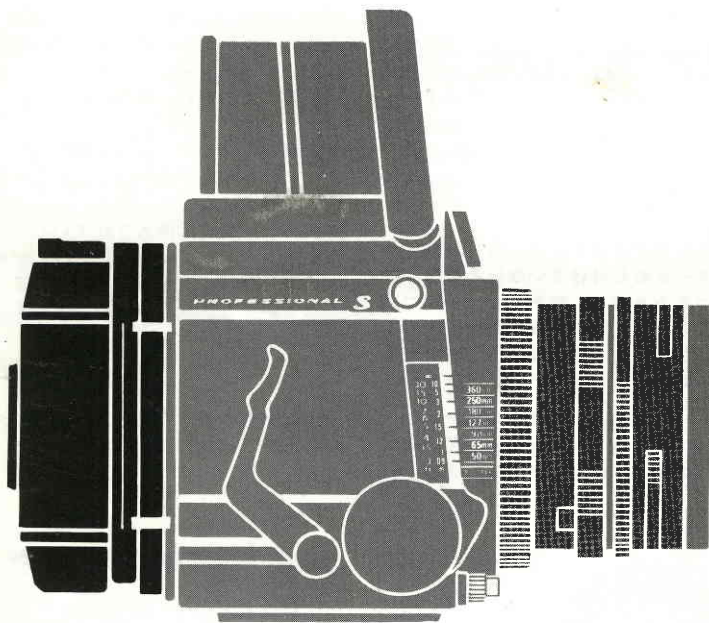
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RB67 Pro-S

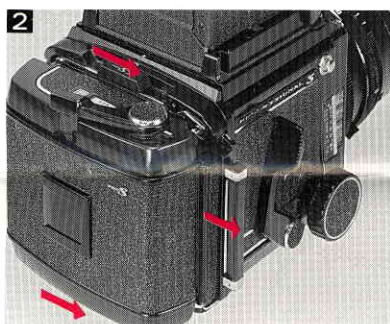
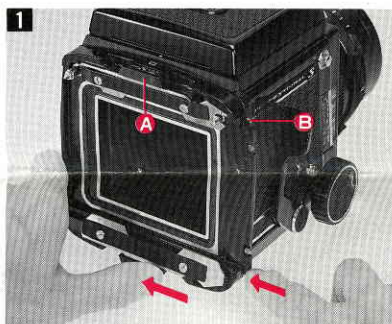
Mamiya

120/220/120 6×4.5

ロールフィルムホルダー Roll Film Holder



日本語 使用説明書
English Instructions



Specifications

| Type | Film Used | Picture size | No. of exposures | Film advance |
|------------------------------|---------------|--------------|------------------|--|
| Pro-S 120 roll film holder | 120 roll film | 6 × 7 cm | 10 | One-stroke lever film advance (After 70° winding, can be wound in several short, definite strokes). Automatic double-exposure prevention. Film wind-stop automatic release. Multiple exposure is obtainable optionally. Film counter: Automatic resetting type; Red index mark disappears upon completion of film winding. Provided with dark slide dislocation preventive device and memo clip. |
| Pro-S 220 roll film holder | 220 roll film | 6 × 7 cm | 20 | |
| 120 roll film holder 6 × 4.5 | 120 roll film | 6 × 4.5 cm | 16 | |

Attaching the roll film holder

1. Before attaching the holder, confirm that the upper and lower side slide locks (A) are on the left end of the indented portion when viewed from behind the camera body. (Photo 1)

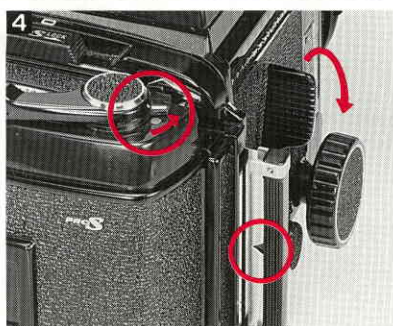
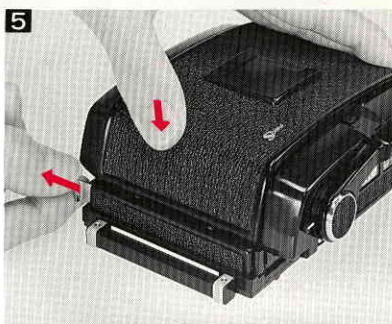
NOTE:

Should either slide lock be moved to the right while nothing is attached to the revolving adapter, the slide lock release lever (B) will engage and the slide lock will not move. If this happens, press the release lever (B) and return the slide lock to the open position.

2. Attach the roll film holder and slide both slide locks firmly in the direction of the arrow mark. (Photo 2)

- If the slide lock of the revolving adapter is not pushed fully in or out, the shutter will not be released because of the shutter locking Safety device. Always operate the slide lock securely.
- If closing the lower slide lock is neglected, the safety device of the Pro-S holder will prevent the dark slide from being removed.
- If the dark slide is completely inserted, or if the film is not loaded, the shutter release button cannot be pressed, leading to picture-taking failure.

The photos used in these Instructions are those of Pro-s 120 roll film holder.



Detaching the roll film holder

1. Insert a dark slide in the roll film holder. Two white lines on the side of the holder indicate the position of the inserting slit.

2. Remove the roll film holder by sliding both slide locks in the opposite direction to the arrow mark on the slide lock. (Photo 3)

- If the dark slide is not inserted, the slide lock will be locked by the safety device, and the roll film holder cannot be detached.

- When a dark slide is completely inserted, the slide lock release lever is automatically disengaged, and the slide locks can be slid without pressing the release levers.

When desiring to re-release the shutter without loading the film

In this instance, the shutter can be released by sliding the multiexposure lever of the roll film holder to the front, and by setting the shutter cocking lever and pulling out the dark slide. (Photo 4)

- When the dark slide is completely inserted, the shutter release button cannot be pressed. Therefore, either remove the dark slide or draw it outward to a position where the entire triangular hole in the top center of the dark slide becomes visible.

- Either operation of the multiexposure lever or the shutter cocking can be initially conducted.

Loading the film

- When loading and unloading film, avoid direct sunlight. Choose a location in the shade.

- Regardless of whether the roll film holder is attached to or detached from the camera body, loading and unloading the roll film can be conducted in the same manner.

- Use 120 roll film with the 120 roll film holder, and 220 roll film with the 220 roll film holder.

1. Open the back cover by pulling out the back cover latch, while slightly pressing the back cover. (Photo 5)

Remove the film insert from the holder.

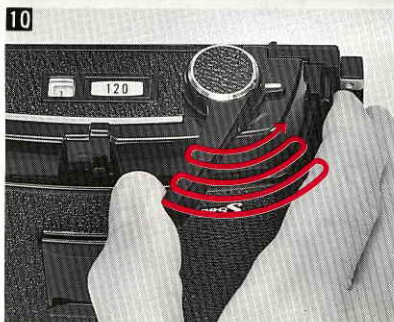
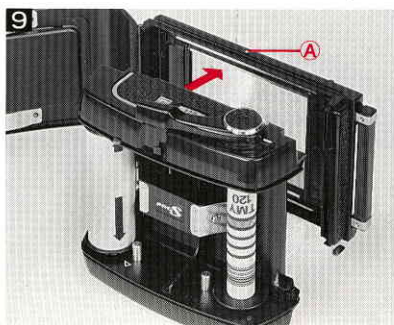
2. While pressing the left side spool release pin, insert a new roll of film on the film spool stud.

Load the film so that the leader paper can be pulled out along the arrow of the leader paper guide mark. In this way, the black side of the leader paper will appear on the outside. (Photo 6)

- If the black side does not appear on the outside, reload the film, reversing the film position.

3. Pull out the leader paper and insert the tip into the groove of the take-up spool. (Photo 7)

- Position the film so that the leader paper winds evenly between the spool flanges; otherwise the film may be taken up unevenly, causing trouble.



Aligning the starting mark

Move the film advance lever gently, until the starting mark (arrow) of the leader paper aligns with the starting mark of the holder. (Photo 8)

The film advance lever can be moved in several short, definite strokes.

- If the leader paper is pulled too far, the film may become fogged. Be careful not to go beyond the starting mark (arrow).

Attaching the film insert

1. Put the insert into the cassette, aligning the top side of the insert with the white dot (A) of the cassette. (Photo 7)

- If the film insert is attached in reverse, the back cover cannot be closed.

2. Close the back cover and fully push in the back cover latch while pressing the back cover.

NOTES

1. The outer cassette of the Pro-S roll film holder can be used for both 120 and 220 film inserts.

2. The film insert of the Pro-s roll film holder cannot be attached to the outer cassette of the former RB67 roll film holder.

Film winding for first exposure

By winding the film advance lever until it stops, the figure "1" will appear in the exposure counter, the red mark indicating incomplete film winding will disappear, and the film will be positioned for the first exposure. (Photo 10)

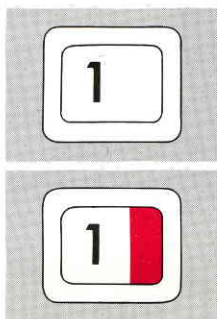
- Unless film winding from S to 1 in the exposure counter is completed, the shutter cannot be released.

Film advancing

1. Draw out the dark slide and release the shutter. When the shutter is released, the red mark appears in the exposure counter, indicating that the film is exposed. (Fig. 11)
2. Simultaneously when the shutter is released, the film wind-stop mechanism is automatically disengaged, and the film can be advanced for the next frame. When film is advanced one full frame, the figure in the exposure counter is advanced, and the red mark disappears.

- Unless the exposed film frame is advanced, shutter releasing is prevented by the coupling device for double-exposure prevention.
- Shifting to multiple exposure photography is possible.
- Even though film advance is completed, the shutter cannot be released if return of the film advance lever is hindered by your fingers or by another object.

11



巻き上げ完了(露出前)

Film advance completed
(before exposure)

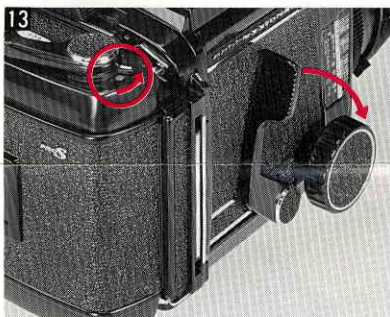
露出済み

Exposed

12



13



- Wind the film advance lever in a slow, steady manner to avoid film winding problems.

- Although the film advance lever cannot be reversed until it is wound up to the initial 70° winding, it can be moved in several short, definite strokes thereafter.

- The film wind-stop release lever provided for the Pro-S roll film holder is to be used when the holder is used for the Mamiya Universal Press, or when desiring to wind up to the film end while unexposed film remains in the holder.

3. When you finish exposing the full number of exposures, the shutter release button cannot be depressed and the film advance lever will be freed. Then wind the film completely to the end of the leader paper.

Unloading the film

1. Open the back cover of the holder and remove the film insert. Press the right side spool release pin, remove the full spool, then wrap and seal the film to protect it from loosening.

2. Move the empty spool to the take-up side. the insert is ready for reloading.

- The exposure counter automatically resets to S (start) as soon as the back cover is opened.

- When the exposure counter shows other than S, a film is loaded in the holder.

Film advancing and shutter cocking

Either film advancing or shutter cocking can initially be conducted. However, the recommended sequence of these steps to be customarily observed is: (1) film advancing, (2) shutter cocking, and finally (3) shutter releasing. (Photo 12)

Multiple Exposure Photography

When the multiexposure lever of the roll film holder is moved forward, the coupling pin for double-exposure prevention is disengaged, and whenever the shutter cocking lever is set, shutter releasing can be repeated without limit. (Photo 13)

- The multiexposure lever can be changed over before or after shutter cocking, and also before or after shutter releasing for the first multiple exposure photograph.

- When taking multiple exposure pictures is finished, never fail to return the multiexposure lever to its original position; otherwise, failure in taking subsequent multiple exposure pictures will occur.

日本語

操作部分の名称

- ① フィルム巻き上げレバー
- ② 多重露出切り替えレバー
- ③ 引ふた
- ④ フィルム(120または220)種別板
- ⑤ カウンター窓
- ⑥ 引ふたロック解除つまみ

外わく

- ⑦ 裏ふた
- ⑧ 裏ふた開閉つまみ

中わく

- ⑨ スプール受け
- ⑩ リーダーペーパーガイドマーク
- ⑪ スタートマーク
- ⑫ 巻き止め手動解除レバー
- ⑬ スプール着脱棒
- ⑭ 巻き取りスプール受け

6×4.5判

- ⑮ CdS ファインダー 露出計指針用の窓
- ⑯ 縦画面マーク
- ⑰ 横画面マーク

★120用と220用のホルダーの外わくは共通で、中わくはそれぞれ専用です。中わくのフィルム種別板(120または220)で区別してください。

English

Name of Operating Parts

- ① Film advance lever
- ② Multiexposure lever
- ③ Dark slide
- ④ Film type index (120 or 220)
- ⑤ Exposure counter
- ⑥ Safety-catch for dark slide

Outer cassette

- ⑦ Back cover
- ⑧ Back cover latch

Film insert

- ⑨ Film spool stud
- ⑩ Guide mark for leader paper
- ⑪ Starting mark
- ⑫ Film wind-stop release lever
- ⑬ Spool release pin
- ⑭ Take-up spool stud

6×4.5 Format

- ⑮ Peephole for exposure meter needle of the CdS finder.
- ⑯ Vertical format mark.
- ⑰ Horizontal format mark.

The outer cassette of both the 120 and 220 roll film holders are the same, the film inserts are designed for one size film only. The difference is indicated by the film type index (120 or 220) marked on the film insert.



