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Zenza BRONICA

INTERCHANGEABLE FILM BACK MAGAZINE

INSTRUCTIONS

TYPE (6×6cm)

S2

12 EXPOSURES – 120 Film
24 EXPOSURES – 220 Film

TYPE E

6×4.5

16 EXPOSURES – 120 Film
32 EXPOSURES – 220 Film

Model-S2 (*12 exposures on 120, 24 exposures on 220 film*)

Model-E (*16 exposures on 120, 32 exposures on 220 film*)

The Bronica interchangeable film back magazines allow changing film types in mid-roll. (e. g. color to B & W, tungsten to daylight, etc.) Preloading of several film backs also allows continuous shooting of several rolls of film without having to stop to reload. The Zenza Bronica film back magazines are automatic and in attaching a new film back no attention need be paid as to whether or not the film has previously been wound as the film-wind / shutter-advance system automatically adjusts itself by the turn of the film winding crank. Also, the Bronica S2 film back magazine is specially designed to accept the 220 roll film. The 120 roll film provides 12-6×6 exposures, while the 220 provides 24 exposures. With the new Model-E film back you can get 16-6×4.5 exposures on the 120 film and 32-6×4 5 exposures on the 220 film. The new Model-E film back can be attached immediately to the Bronica camera without any special adjustments or adaptors.

Note: Dark slides for the S2 and Model-E are different, and are **not** interchangeable. The S2 dark slide is done in a stainless dull finish, while the slide for the Model-E is done in a black finish.

FILM BACK MAGAZINE
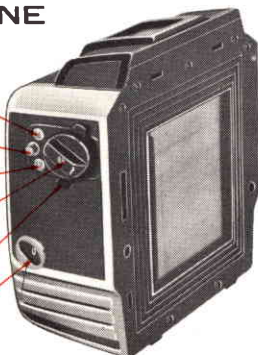## MODEL–S2 (6×6)

Ⓐ Exposure Indicator Mark

Switch Lever Lock Button

⑫ Exposure Indicator Mark

Manual Film Wind

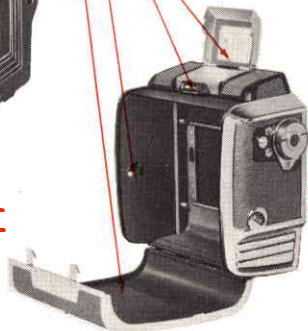Switch Lever

Film Counter

Back Cover

Hole For Pin on Film Holder

Back Release Button

Film Indicator Mask

NOMENCLATURE
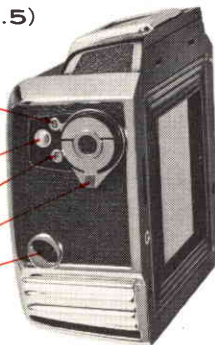
FILM BACK MAGAZINE
MODEL–E (6×4.5)

Exposure "Stop" Indicator Mark

Free Film Wind Release Button

"Free" Indicator Mark

"Free" Lev r

Film Counter
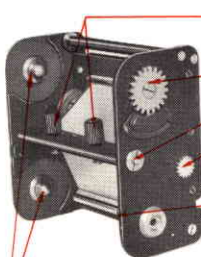
Film Holder Release Knobs

Spool Gear
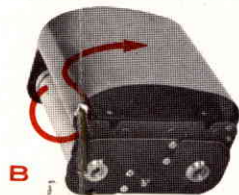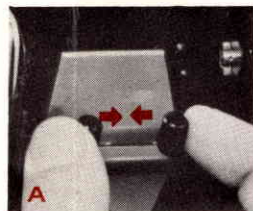
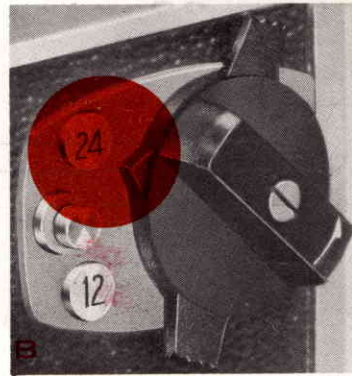Alignment Pin

Film Counter Gear

Film Start Mark

Spool Holders

FILM LOADING

1) Lift Film Indicator Mask and press hood lock to right, opening back.

2) Press two knobs together and lift film holder out.(A)

3) Insert empty take-up spool in top and fresh film spool on bottom with film rolling off under roll. Spools can be inserted or removed by pressing against spring pressure plates on left side of socket. Draw leader paper down and across film pressure plate, making sure that the leader paper is black side out. Insert paper end in take-up spool and wind up some paper. (B)

4) Press two knobs together and insert film holder into film back, making sure that the film holder studs snap firmly into place. Turn film slightly with manual film winder to be sure that the film holder is in exact place and that the gears are lined up and the film is threaded smoothly. If film holder is not yet in film position, turn film winder slightly and push film holder again until it snaps into place (Note: Be sure to turn manual film winder in direction of arrow.)

5) Advance film by manual film wind on film back until film start mark matches red dot on holder.(C)

6) Close back and slide hood lock to left, making sure that it covers the red mark. On the Model-E the hood lock springs back automatically. However when closing back be sure to press it firmly until the hood lock snaps into place.

7) The film indicator mask is designed to accept the end flap of the empty film box, to indicate exactly the type of film loaded in the film back. (D)
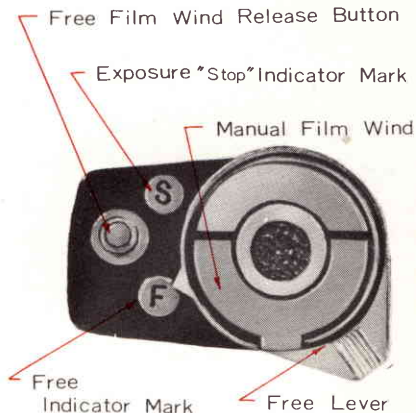
MODEL-S2 *Film Setting Device*

The film setting device is for adapting the magazine to accept either 12 exposures on the 120 roll film, or 24 exposures on the 220 roll film. When using the 12 exposure 120 film keep pressing switch lever lock button and move lever until indicator arrow points to "12" mark (picture A). After the 12th exposure the film advance crank will wind remaining film continuously onto take-up spool. When using 24 exposure 220 film switch lever lock button should be also pressed to move lever until arrow points to "24" mark (picture B). This way the film winding crank will stop at every number in exposure counter until 24 before becoming "free," allowing the remaining film to be wound up on roll.
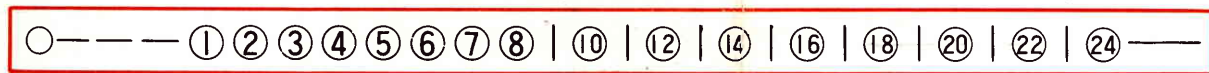
MODEL-E *Film Setting Device*

When the film setting device on the Model-E back magazine is set on Ⓢ the film widing crank will stop at every number in the exposure counter until "32." When the pointer is set on Ⓕ the film winding crank becomes free, allowing the remaining film to be wound con tinuously ońto the take-up spool.

1) After the last (16th) exposure on a roll of 120 film is shot set pointer to Ⓕ by pushing the Free--Lever to right. Film winder will become free and the film can be quickly wound up on take-up spool.
2) If at any time during a roll the pointer has acci-dently been set on Ⓕ, push the Free Wind Release button up and the pointer will return to Ⓢ.
3) When shooting 220 size film there is no need to set the Free Lever, as the winding mechanism auto-matically becomes free after the 32nd exposure. Therefore just wind the film to the end of its leader.
4) When film is all wound open film back and remove film. If pointer is set on Ⓕ it will automatically return to Ⓢ along with film counter

- Free Film Wind Release Button
- Exposure "Stop" Indicator Mark
- Manual Film Wind
- Free Indicator Mark
- Free Lever

MODEL-S2

After the number "8" in the exposure counter window only even numbers appear. Odd numbers are indicated by a line.

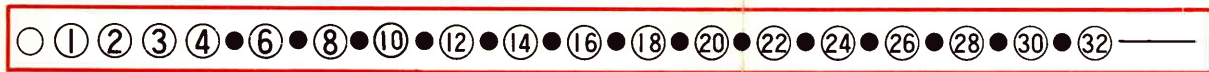○ — — — ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ | ⑩ | ⑫ | ⑭ | ⑯ | ⑱ | ⑳ | ㉒ | ㉔ — — —

FILM COUNTER

Note: *The exposure counter indicates the number of exposures taken, not the number remaining.*

MODEL-E

After the number "4" in the exposure counter window only even numbers appear. Odd numbers are indicated by a dot.

○ ① ② ③ ④ ● ⑥ ● ⑧ ● ⑩ ● ⑫ ● ⑭ ● ⑯ ● ⑱ ● ⑳ ● ㉒ ● ㉔ ● ㉖ ● ㉘ ● ㉚ ● ㉜ — —

ACCESSORIES

■ NIKKOR
INTERCHANGEABLE
LENSES

lens	Lens Construction	Angle of view :	Closest Distance :	weight :
NIKKOR 50mm F : 3.5	6groups; 6elements.	77°	33cm	460g
NIKKOR 75mm F : 2.8	4groups; 5elements.	55°	60cm	230g
NIKKOR 135mm F : 3.5	3groups; 4elements.	33°	1.6m	410g
NIKKOR 200mm F : 4 (with close up lens)	5groups; 5elements.	21°	2.8m (with close-up lens) 1.7m~3m	750g
NIKKOR 400mm F : 4.5 (with focusing unit)	4groups; 4elements.	11°	5m	3.3kg

◀ Magnifying Hood

BRONICA·TTL
EXPOSURE METER

▲ Prism View Finder
Model A