

lenza
BRONICA[®]
ETRS

FILM BACK ETRS 135

INSTRUCTIONS

The Film Back ETRS 135 has been developed as an integral accessory for the Zenza Bronica ETRS single lens reflex system.

Because it is possible to interchange film backs, the accessory makes it possible to increase the scope of photography with the ETRS to cover the 35mm format, too, whereas medium format cameras were generally limited to the 120 and 220 roll films previously.

The accessory is available in two frame sizes, or the ETRS 135-N (normal) with a standard frame size of 24 x 36mm and the ETRS 135-W (wide) with a wider frame measuring 24 x 54mm. Both types are used in the same manner but must be used with their exclusive film holders, which are not interchangeable.

The optional Focusing Screen E-135 is also recommended, in place of the standard focusing screen, since there are frame area indications for both frame sizes, in this case.

Please read the instructions through completely before you use the accessory, as you will then be able to use the accessory with greater ease and more satisfaction.

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Specifications of the Film Back ETRS 135

- Type** : Interchangeable type film back for 35mm film use.
- Models** : Film Back ETRS 135-N (normal) for standard frame size and Film Back ETRS 135-W (wide) for wide frame size photography.
- Cameras** : For use with Zenza Bronica ETR and ETRS models.
- Film** : Cartridge-loaded J135 film.
- No. of Frames** : 36Ex./24Ex./20Ex./12Ex.
: 36Ex./24Ex./20Ex./12Ex. (ETRS 135-N)
: 23Ex./15Ex./12Ex./ 7Ex. (ETRS 135-W)
- Negative Size** : 24 x 36mm (ETRS 135-N)
: 24 x 54mm (ETRS 135-W)
- Winding Action** : One full forward revolution of the film winding crank on the main camera body (irrespective of frame size). Ratcheted winding also possible. Manual film winder available on film back.

- Rewinding Action** : Manual rewinding with rewinding crank on film back.
- Exposure Counter** : Automatic re-setting additive type.
- Dimensions** : 91mm wide x 46mm long x 74mm high
- Weight** : 430 grams

*** Focusing Screen E-135 (Optional)**

Exclusive focusing screen with standard (N) and wide (w) frame areas indicated (available in microprism/split-image type or matte type); shows 95.8% of the actual frame area; exchangeable with standard focusing screen.

* Film Back ETRS 135-N and Film Back ETRS 135-W must be used with their exclusive film holders only.



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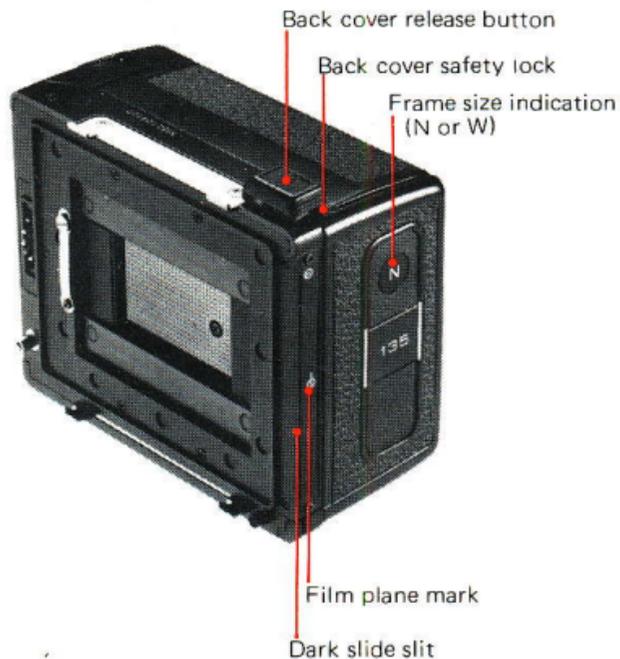
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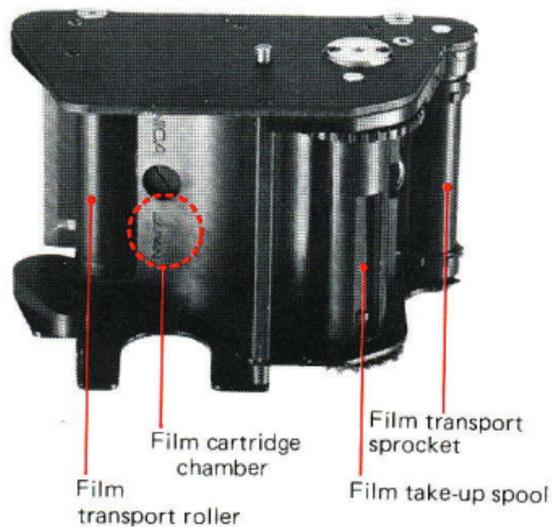
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Nomenclature

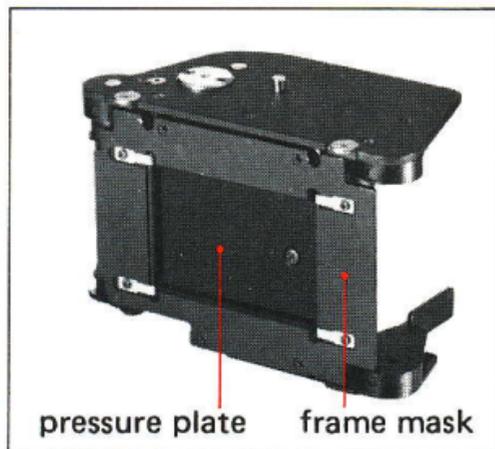




1 Film Back Construction



A. The Film Back ETRS 135 consists of a film back and film holder insert. The film back has the film winding and rewinding mechanisms, a dark slide slit and the coupling mechanism to the main camera body.

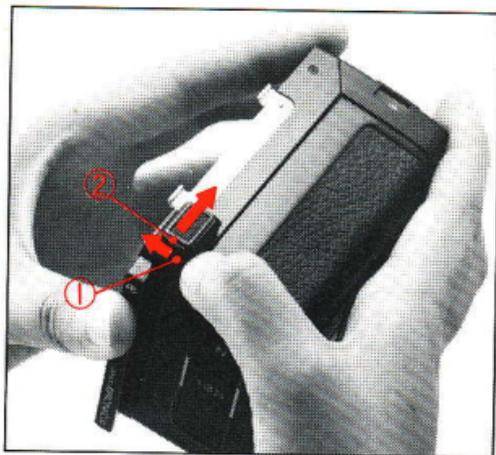


B. The film holder is the insert for loading film in the film back and has film cartridge chamber, film transport sprocket, take-up spool, frame mask, pressure plate, etc.

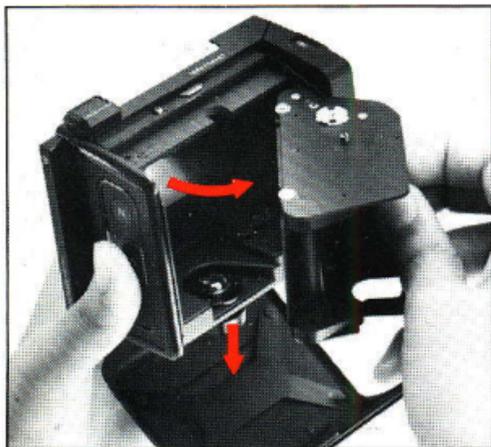
2 Film Back Attachment/Removal

See "Attachment and Removal of Film Backs" in the instructions for the main camera body, since operations are the same.

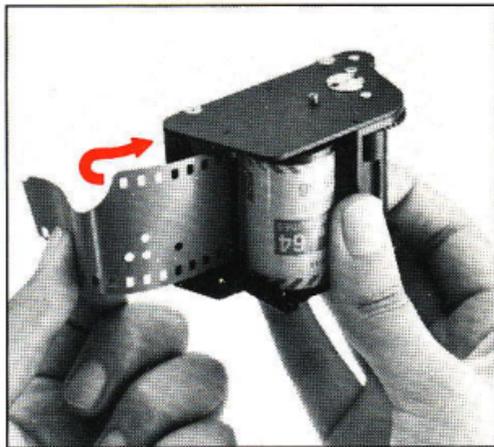
3 Film Loading



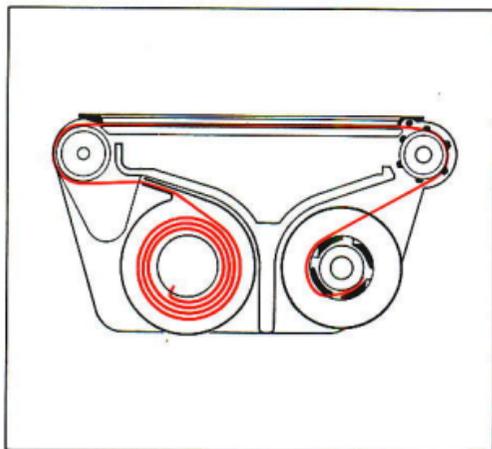
A. To open the back cover of the film back, press the back cover safety lock ① in the arrow-indicated direction and then push the back cover release button ②, in the direction indicated by the arrow, too.



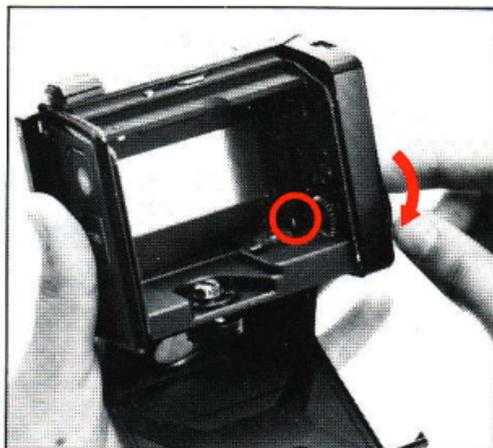
B. Pull the rewinding crank, on the base of the film back, down. Then, pull out the film holder from the film back, from the side with the film cartridge chamber.



C. Insert the film cartridge into the film cartridge chamber, as indicated (with the film feed opening located deep inside the guide). Pull the film leader out slightly, wrap it around the outside of the roller and insert it into the slit made by the frame mask and the pressure plate on the front side.



D. Pull the film out from the slit between the frame mask and pressure plate and insert it into the take-up spool slit, with perforations engaging the film transport sprocket teeth, as illustrated. Rotate the take-up spool about one-half turn, in the arrow-indicated direction, and engage the film.



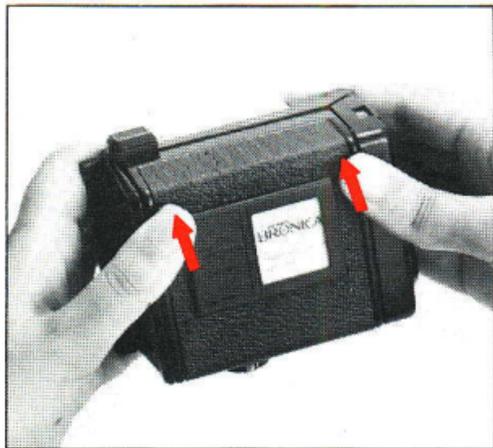
E. Next, rotate the manual film winder one-half turn, in the arrow-indicated direction, which will reverse the rewind button. The rewind button will automatically move down, with an audible click. About 2mm of the rewind button top will still be seen, inside the film back, when it is fully reversed. ⑨



F. Insert the loaded film holder into the film back. (The rewinding crank should, of course, still be pulled out, at this time.) The film holder should be inserted diagonally, with the sprocket teeth side going in first, after which the cartridge chamber side should be pushed in fully.



G. Push the rewinding crank back in, which will fix the film cartridge. Then, while holding the film holder, rotate the rewinding crank in the rewinding direction (as indicated by the arrow) or turn the manual film winder in the winding direction (as arrow-indicated) and take up any slack in the film.

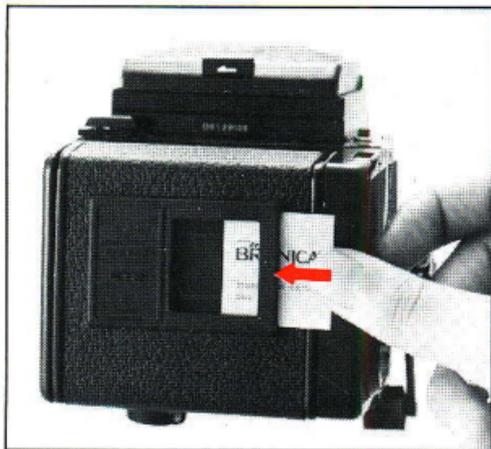


H. Close the back cover, by pressing it firmly against the base of the film back, as illustrated. The back cover will automatically lock and close, with the safety lock also locking the back cover release button.



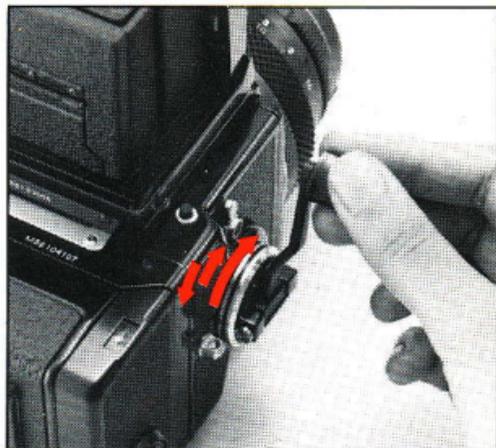
I. Attach the film back to the main camera body. Then, rotate the film winding crank and take blank shots until the first dot(●) appears in the exposure counter. The film is advancing properly if the rewinding crank rotates in the clockwise direction (as indicated by the red arrow), at this time. ⑪

4 Film Type Indicator Frame



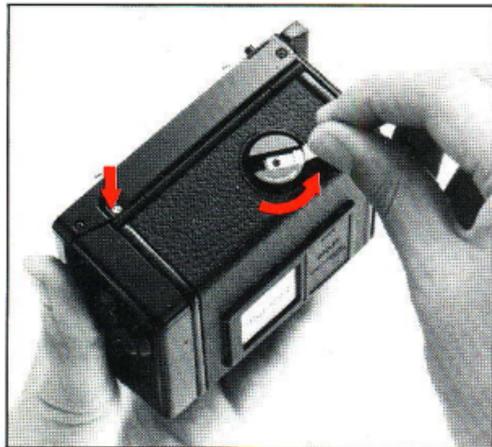
Upon loading the film, tear off the end flap from the film package and insert it into the film type indicator frame. This will help you keep track of the film loaded in the film back, even when two or more film backs are used with different films.

5 Film Advance/Shutter Cocking



Rotating the film winding crank once, in the forward direction, until it stops, will advance film and cock shutter, at the same time. Or, short, rapid strokes will also do the same job.

7 Film Rewinding



Upon exposing all frames, push the rewind button in and rotate the rewinding crank in the direction of the arrow-indication, until tension decreases and the film is rewound.

Should the rewind button pop up again, when pressed, turn the winding crank of main body or

* Use the multiple exposure lever on the main body for taking multiple-exposed pictures. Multiple exposures are not possible by pressing the rewind button on the film back, since the film will be advanced, in this case.

manual film winder of film back slightly to forward direction while pressing the rewind button in for a short time.

And, confirm the rewind button being pressed in.

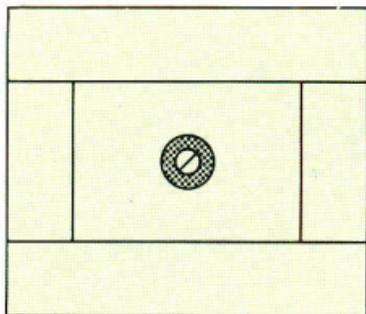
8 Film Unloading

Warning

Commercial photofinishing machines will automatically cut 35mm film in strips, thereby destroying several frames of your wide format (24x54mm) pictures. It is important to advise your photofinisher NOT to cut your negatives if they were produced with wide size (24x54mm) 35mm film back.

Upon rewinding the film, open the back cover and unload the film in the reverse order of the loading operation.

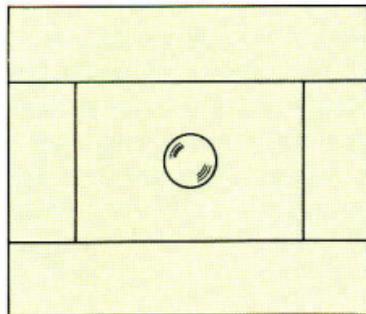
9 Focusing Screen



Focusing screen E-135
(Microprism/Split-image)

The focusing screen of the main camera body does not show the fields of view of the Film Back ETRS 135 and should be exchanged for an exclusive Focusing Screen E-135 (microprism/split-image or matte type) which shows 95.8% of the actual frame.

See instructions for the main body on exchanging the focusing screens.



Focusing screen E-135
(Matte)

When using finders with a built-in exposure meter, proper exposure will not be possible when extreme high-lights or shadow areas are found outside the normal (N) or wide (W) frame areas. Therefore, do not cover the area outside the frames with a black mask, as it should be possible to check the outside area, too.

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