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# Zenza BRONICA S2 & C



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# S2

The Zenza Bronica S2 is the ultimate 6cm x 6cm single lens reflex camera. With the interchangeable film back magazine, it permits the change of film types in mid-roll ( black-and-white to color, color to black-and-white, indoor to daylight, etc.) and the shooting of several rolls of film without reloading. Either the 12 exposure 120, or the 24 exposure 220 roll film can be used on the S2.

| | |
|---|---|
| Shutter: | Vertical running focal plane shutter. B, 1 to 1 / 1000, "X" (1 / 40), "T" (Time). |
| Film Back: | Removable by inserting dark slide. Provided with newly-designed film holder and switch lever for 24 exposure 220 roll film. |
| Standard Lens: | Nikkor 75mm f2.8 lens. |
| Diaphragm: | Fully automatic diaphragm. Provided with manual depth-of-field preview button. |
| Mirror: | Flip-down, instant return, fully automatic mirror system. |
| Viewfinder Hood: | Detachable type with magnifier. Interchangeable with Prism Viewfinder or Magnifying Hood. |
| Focusing: | Helicoid mount system. Entirely detachable. |
| Flash Synchro: | Automatic switch-over synchronization system.<br>FP class bulb ---Synchronized at all shutter speeds except "X"<br>M class bulb---- B, 1 ~ 1 / 125<br>F class bulb ---B, 1 ~ 1 / 15<br>Electronic Flash-- "X" (1 / 40), B, 1 ~1 / 15 |
| 24 Exposure Device: | By the simple flip of a switch for 24 exposures. |
| Camera Body: | Made of 18-8 Stainless Steel. |

# C




The Zenza Bronica C is introduced as an economical version of the S2. Both accept all the same Nikkor interchangeable lenses and accessories. Both models contain the same precision quality. However the Zenza Bronica C features a permanent film back in place of the interchangeable film back magazine on the S2. While the C does not have interchangeable film back magazine, it can still be reloaded in seconds by quickly exchanging preloaded film holders after shooting each roll. The C is provided with intentional double exposure device and switch lever for 24 exposure 220 roll film.

| | |
|---|---|
| Shutter: | Vertical running focal plane shutter. B, 1 to 1/500, "X" (1/40), "T" (Time). |
| Standard Lens: | Nikkor 75mm f2.8 lens. |
| Diaphragm: | Fully automatic diaphragm. Provided with manual depth-of-field preview button. |
| Mirror: | Flip-down, instant return, fully automatic mirror system. |
| Viewfinder Hood: | Detachable type with magnifier. Interchangeble with Prism Viewfinder or Magnifying Hood. |
| Focusing: | Helicoid mount system. Entirely detachable. |
| Flash Synchro: | Automatic switch-over synchronization system.<br>FP class bulb ---Synchronized at all shutter speeds except "X"<br>M class bulb--- B, 1 ~1/125<br>F class bulb--- B, 1 ~1/15<br>Electronic Flash---"X" (1/40), B, 1~1/15 |
| Multiple Exposure Device: | By turning Multiple Exposure Knob. |
| 24 Exposure Device: | By the simple flip of a switch for 24 exposures. |
| Camera Body: | Made of 18-8 Stainless Steel. |

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## 1 INSTANT RETURN AUTOMATIC MIRROR

The reflex mirror of the Bronica incorporates an original and exclusive mechanism, not found in any single lens reflex camera. Instead of moving upward, the Bronica instant return mirror slides down and forward, allowing the use of wide-angle and other deep mounted lenses. After exposure the mirror instantly and automatically returns to viewing position.

## 2 INTERCHANGEABLE FILM BACK MAGAZINE (Model-S2)

You need not carry two cameras when you want to use black-and-white and color films at the same time The interchangeable film back magazine of the S2 is removable from the camera body. After taking each picture, you can exchange one film back magazine for another preloaded magazine.

Various types of film can be simultaneously used on one Bronica S2 camera. Due to the perfect automatic operation of the film back magazine with the camera body, the inadvertent double exposure is prevented and the film will be advanced only after exposure.

## 3 EXCLUSIVE HIGHLY EFFICIENT SHUTTER

The Zenza Bronica vertical focal plane shutter incorporates a special stabilizing device, insuring uniformly balanced exposure across the large 6 x 6 film area, even at high shutter speeds.

Model-S2: B.1 ~1/1000. "X" (1/40)

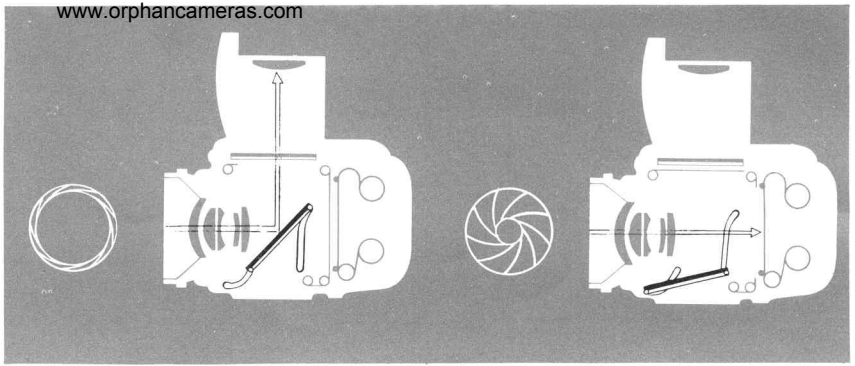
Model-C: B.1 ~1/500. "X" (1/40)

## 4 24 EXPOSURE SETTING DEVICE

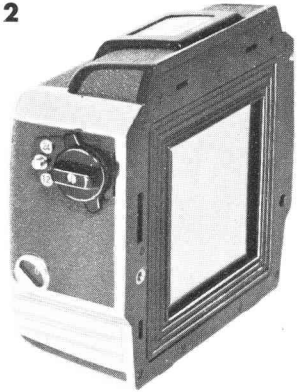
When the 220 roll film in the S2 or the C, 24 exposures can be obtained. This is an original device adopted by the Bronica earier than any other 6 x 6 camera to use this particular type of film.

By the simple flip of a lever, you can use the 12 exposure 120 roll film or the 24 exposure 220 roll film.

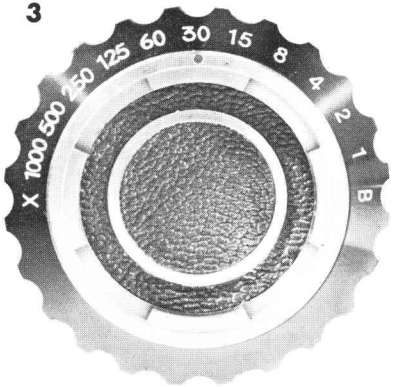
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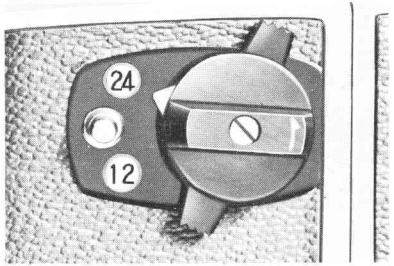
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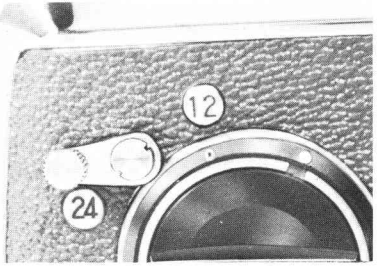
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4



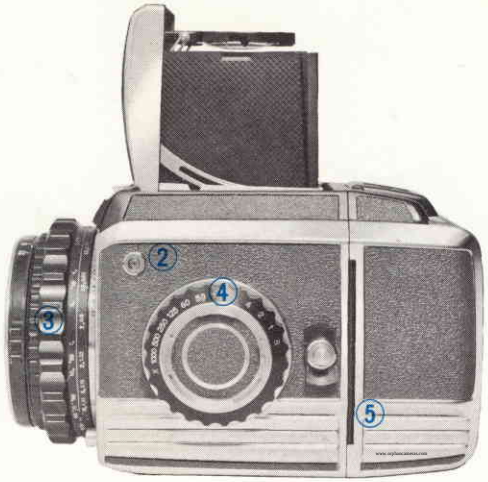

24 EXPOSURE SETTING DEVICE of S2




24 EXPOSURE SETTING DEVICE of C

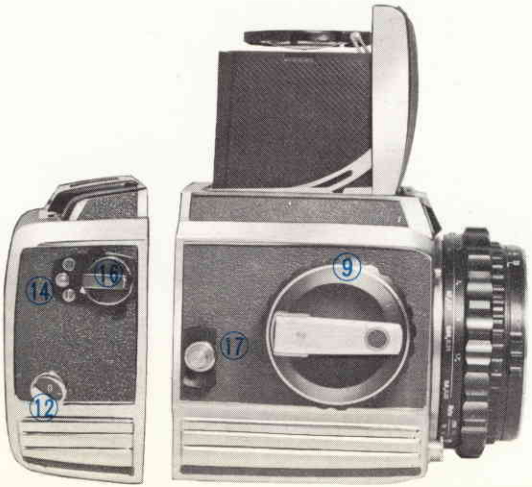
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① VIEWFINDER HOOD:
Made of light, durable titanium, provided with 4 power magnifying glass.

② SYNCHRO TERMINAL:
Automatic switch-over synchronization which is coupled with the shutter speed. The flash terminal accepts a standard connecting cord (German type.).

③ HELICOID (DETACHABLE TYPE):
Specially designed for sturdy mounting of all lenses without vibrations, also permitting minimum focusing distances.

④ SHUTTER DIAL:
The red, white, green and yellow colors of shutter dial numbers are color codes for flash synchro photography.

⑤ DARK SLIDE: (MODEL-S2)
When the dark slide is in the camera, the shutter will not work even if the shutter button is pressed.

⑥ MANUAL DEPTH-OF-FIELD PREVIEW BUTTON:
By pressing this depth-of-field preview button, the depth-of-field can be visually checked on the ground glass before exposing.

⑦ FOCUSING HOOD RETAINING LOCK:
Interchangeable with Prism Viewfinder or Magnifying Hood.

⑧ HELICOID RELEASE BUTTON:
When using Bellows Attachment for close-up photographs, or long focal length interchangeable lenses (400mm and over) already fitted with a helicoid focusing device, the camera's helicoid mount can be removed.

⑨ FILM WINDING CRANK:
Folding type.

⑩ APERTURE RING:
Mounted on lens.

⑪ SHUTTER BUTTON:
Provided with a safety lock. Shutter release lock device can be used for "T" exposures.

⑫ FILM COUNTER:
Automatic resetting type.

⑬ FILM TYPE INDICATOR MASK:
Accepts end of film boxes. An indespensable device for the S2 camera when using interchangeable film back magazines.

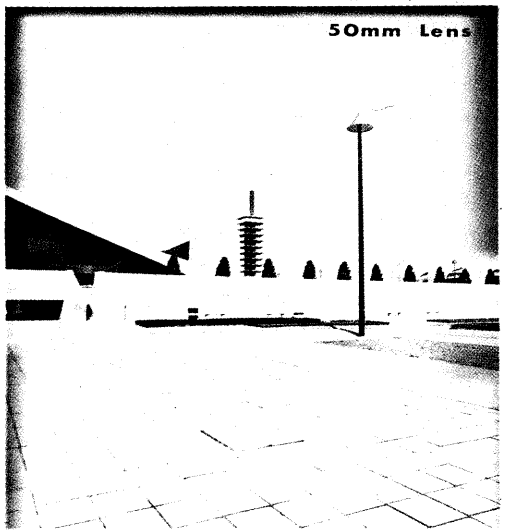
⑭ SWITCH LEVER FOR 24 EXPOSURE FILM:
Flip lever with automatic indicator for 12 or 24 exposures.

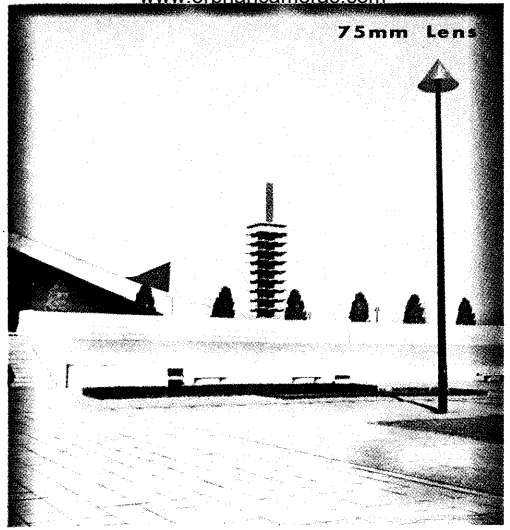
⑮ CABLE RELEASE SOCKET:
Sockets provided both on shutter release button and under camera body.

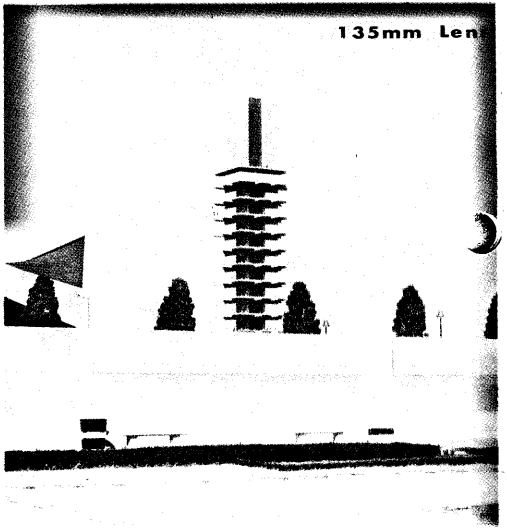
⑯ MANUAL FILM WINDER:
This winder advances film in the film back magazine for loading. The C is provided with intentional double exposure device at the upper left side of this winder.

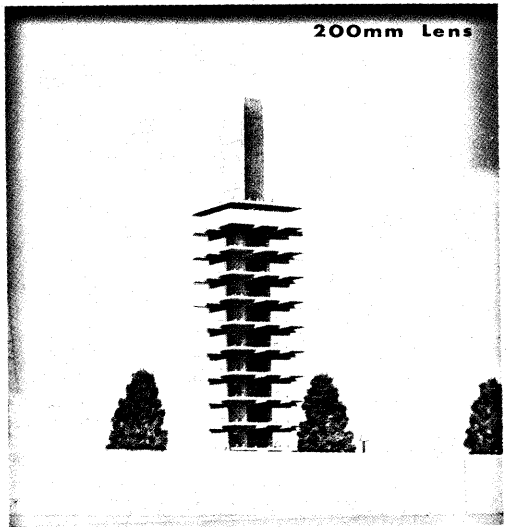
⑰ CAMERA STRAP STUD:
Exclusive quick-snap design with safety lock, for fast, easy attachment or removal.

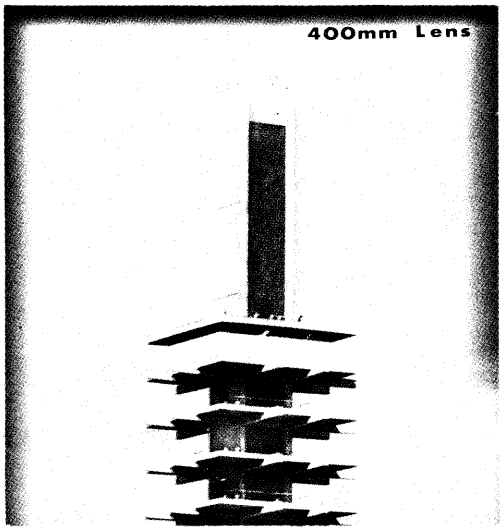
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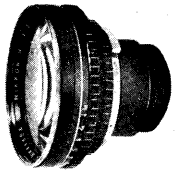



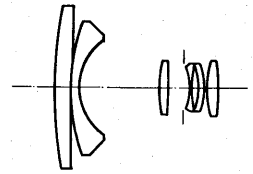



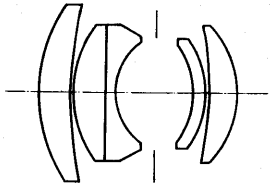



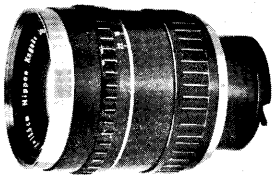
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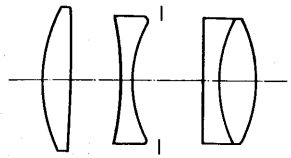


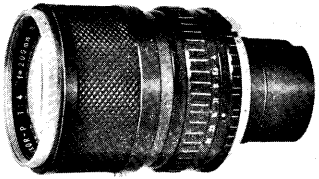


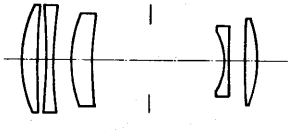


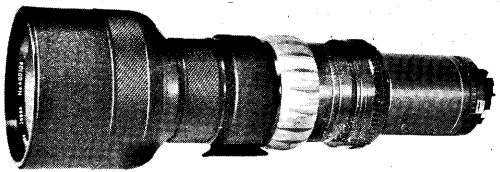


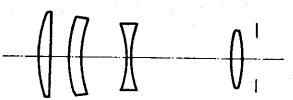












**■NIKKOR 50mm F:3.5**
Lens construction: 6 groups; 6 elements
Minimum aperture: F:22
Angle of view: 77°
Auto Diaphragm
Closest Distance: 1.0ft(33cm)
Filter size: 82mm screw type
Weight: 16.1oz (460g)

**■NIKKOR 75mm F:2.8**
Lens construction: 4 groups; 5 elements
Minimum aperture: F:22
Angle of view: 55°
Auto Diaphragm
Closest Distance; 1.9ft(60cm)
Filter size: 67mm screw type
Weight: 8.0oz (230g)

**■NIKKOR 135mm F:3.5**
Lens construction; 3 groups; 4 elements
Minimum aperture: F:22
Angle of view: 33°
Auto Diaphragm
Closest Distance: 5.25ft(1.6m)
Filter size: 67mm screw type
Weight: 14.3oz (410g)

**■NIKKOR 200mm F:4**
(with hood and close-up lens)
Lens construction; 5 groups; 5 elements
Minimum Aperture: F:32
Angle of view: 21°
Auto Diaphragm
Closest Distance: 9.2ft(2.8m)
Focussing range with close-up lens:
5.4ft~9.6ft(1.7m~3m)
Filter size: 67mm screw type
Weight: 26.2oz.(750g)

**■NIKKOR 400mm F:4.5**
(with focusing unit,hood and strap)
Lens construction: 4 groups; 4 elements
Minimum Aperture: F:22
Angle of view: 11°
Auto Diaphragm
Closest Distance: 16.4ft(5m)
Filter size: 122mm screw type
Weight: 93.55oz(3.3kg)

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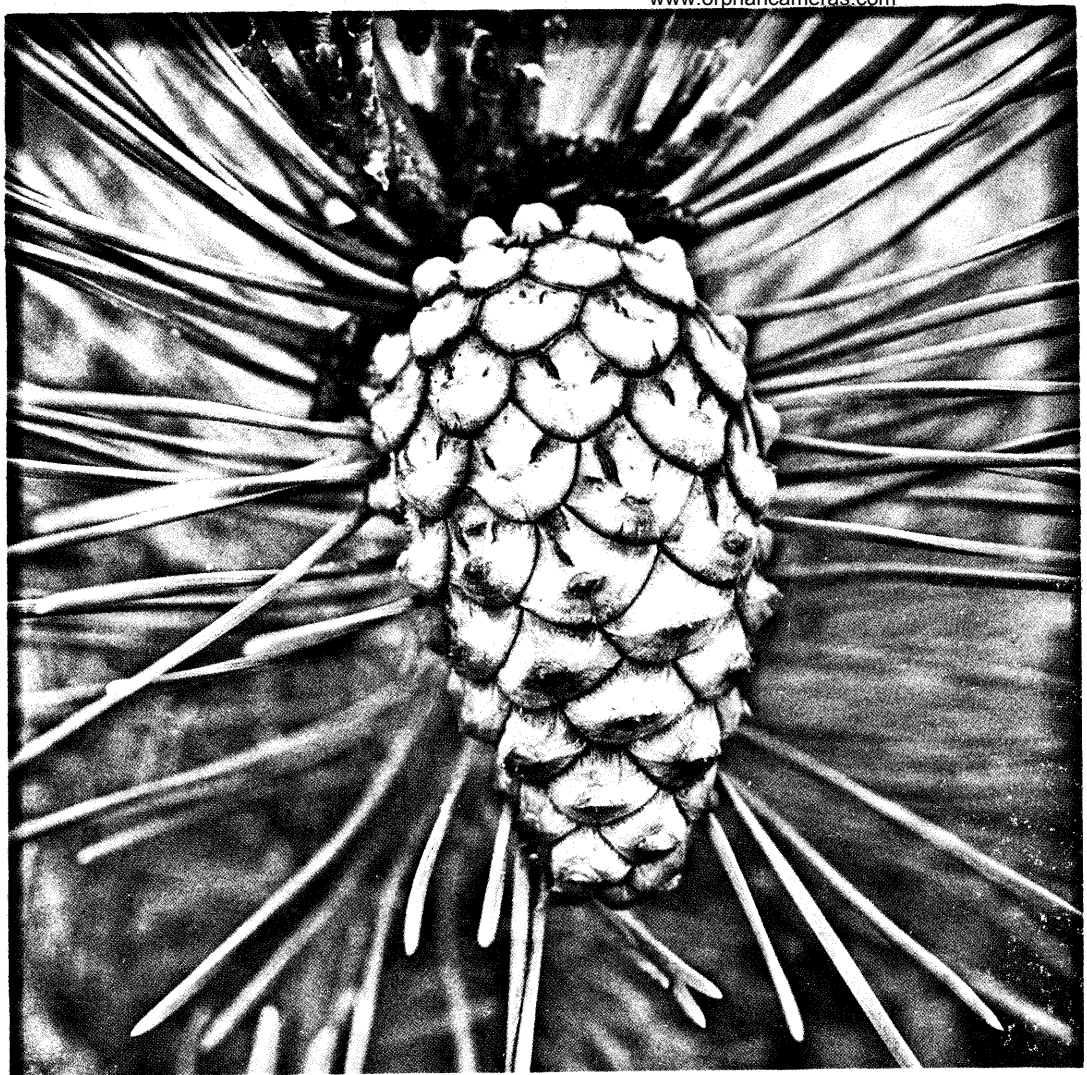


photo by S.WATARI

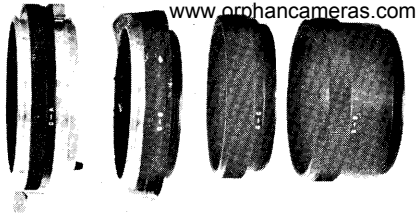
## CLOSE-UP AND COPY PHOTOGRAPHY

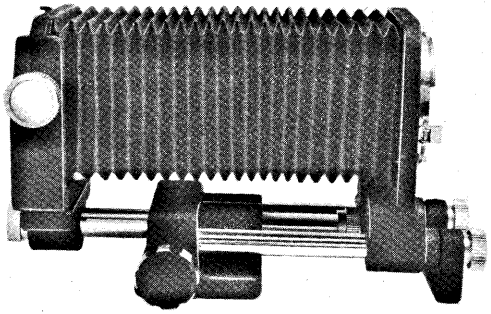
The Zenza Bronica is especially good for copying and close-up photography.

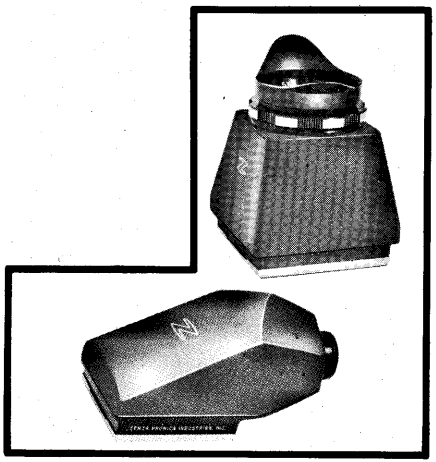
Due to the rather long extension of the helicoid on the Zenza Bronica a certain amount of close-up photography can be accomplished without the aid of additional close-up devices.

For even closer focusing distances or greater magnification for extreme close-up photography, the special Bronica Extension Tube Set or the Bronica Bellows Attachment are available.

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## EXTENSION TUBE SET

The Extension Tube Set, consisting of CA, CB, CC and CD rings, are inserted between the helicoid and the lens. The magnification rate and exposure multiple rate are shown in the following table:

| Lenses | Stroke inch | NIKKOR 50mm F3.5 | | NIKKOR 75mm F2.8 | | NIKKOR 135m F3.5 | | NIKKOR 200mm F4 | |
|---|---|---|---|---|---|---|---|---|---|
| No. of Tube | (mm) | Magnification Rate | Exposure Multiple Rate | M.R. | E.M.R. | M.R. | E.M.R. | M.R. | E.M.R. |
| CA Ring | 0.54~1.87 (14~28) | 0.56 | 2.4 | 0.36 | 1.9 | 0.21 | 1.5 | 0.14 | 1.3 |
| CA+CB | 1.0~1.6 (28~42) | 0.84 | 3.4 | 0.54 | 2.4 | 0.31 | 1.7 | 0.21 | 1.5 |
| CA+CB+CC | 1.6~2.1 (42~56) | 1.12 | 4.5 | 0.72 | 3.0 | 0.41 | 2.0 | 0.28 | 1.6 |
| CA+CB+CD | 2.1~2.7 (56~70) | 1.40 | 5.8 | 0.90 | 3.6 | 0.52 | 2.3 | 0.35 | 1.8 |
| CA+CB +CC+CD | 2.7~3.7 (70~84) | 1.68 | 7.2 | 1.08 | 4.3 | 0.62 | 2.6 | 0.42 | 2.0 |

## BELLOWS ATTACHMENT

For more versatility in close-up photography and maximum magnification the Bronica Bellows Attachment is available. The shortest dimension obtainable with the Zenza Bronica is 60mm, and the longest dimension 214mm. The magnification of picture is 2.9 times when used at the longest extension with 75mm standard lens, and 4.4 times with 50mm wide-angle lens. This attachment is equipped with vertical and horizontal "swing and slide" device for precise depth-of-field focusing.

## MAGNIFYING HOOD

The Magnifying Hood is used for precise focusing and accurate viewing. The Magnifying Hood also has an adjustment for individual eyes.

## PRISM VIEWFINDER

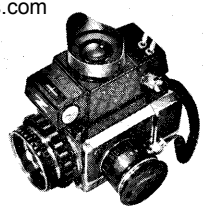
For sports or other action photographs the eye-level Prism Viewfinder affords complete ease of operation.

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# EXCLUSIVE ZENZA BRONICA ACCESSORIES

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The Zenza Bronica TTL Exposure Meter using six CdS cells is a superbly accurate meter system which takes light readings right off the ground glass. The two compensating cells compensate for the light entering through the eye piece, giving accurate readings.



The Film Back Magazine Model-E(6cm×4.5cm) can be used on both Bronica S and S2 cameras. This magazine is designed for economical photographic use. The 120 roll film allows 16 exposures. 32 exposures can be obtained on the 220 roll film.

## ■EXCLUSIVELY-MADE NIKKOR LENSES:

Nikkor, 50mm f3.5
Nikkor, 75mm f2.8
Nikkor, 135mm f3.5
Nikkor, 200mm f4.0
Nikkor, 400mm f4.5 (with focusing unit)

## ■LENS HOODS:

Lens Hood for 50mm lens Ⓐ
Lens Hood for 75mm/135mm lens Ⓑ

## ■FILTERS:

67mm screw-type to fit 75mm, 135mm & 200mm lenses: Ⓒ

UV (Transparent), Y1 (Light Yellow), Y2 (Yellow), YA3 (Amber), R0 (Light Red), R1 (Red), P00 (Yellowish Green) and ND4x (Grey) for Monochrome Films. L-1A (Light Violet), O-85A (Orange), B-8[illegible] (Dark Blue), B-82C (Blue) and O-81B (Am[illegible]) for Color Films.

82mm screw-type for 50mm lens: Ⓓ

UV (Transparent), Y1 (Light Yellow), Y2 (Yellow), YA3 (Amber), R0 (Light Red), R1 (Red), P00 (Yellowish Green) and ND4x (Grey) for Monochrome Films. L-1A (Light Violet), O-85A (Orange), B-80A (Dark Blue), B-82C (Blue) and O-81B (Amber) for Color Films.

## ■CASES:

Soft Leather Case for camera mounted with 50mm lens
Soft Leather Case for camera mounted with 75mm lens
Soft Leather Case for camera mounted with 135mm lens
} Ⓔ

Leather Case for 50mm lens
Leather Case for 135mm lens
Leather Case for 200mm lens
} Ⓕ

Gadget Leather Case Ⓖ
Holds Camera, 75mm Lens Hood (or 135mm Lens Hood), 50mm Lens, 135mm Lens, 200mm Lens and Film Back Magazine (or Prism Viewfinder).

Compartment Leather Case Ⓗ
Holds Camera, 75mm Lens Hood, Extension Tube Set, 50mm Lens, 50mm Lens Hood, 135mm Lens, 200mm Lens, Prism Viewfinder, Hand Grip "L" and two Film Back Magazines.

Leather Case for 50mm Lens Filter Ⓘ
Leather Case for one Film Insert
Leather Case for three Film Inserts

## ■FINDERS:

Focusing Hood Ⓙ Magnifying Hood Ⓚ
Prism View-finder Ⓛ

## ■CLOSE-UP ATTACHMENTS:

Bellows Attachment Ⓜ
Extension Tube Set Ⓝ
Close-Up Lens (for 200mm lens)

## ■CAPS:

Screw-Type Lens Cap for 75mm/135mm lens Ⓞ
Screw-Type Lens Cap for 50mm lens Ⓟ
Lens Cap for 200mm lens
Rear Cap for 75mm/50mm/135mm/200mm lens
Camera Body Cap

■HAND GRIP "L" Ⓡ
■CABLE RELEASE
■DARK SLIDE FOR MODEL-S2 MAGAZINE Ⓢ
■TOP RING
■BAYONET ADAPTOR FOR BELLOWS ATTACHMENT
■LENS REVERSING RING FOR BELLOWS ATTACHMENT
■FILM INSERT
■HAND STRAP Ⓣ