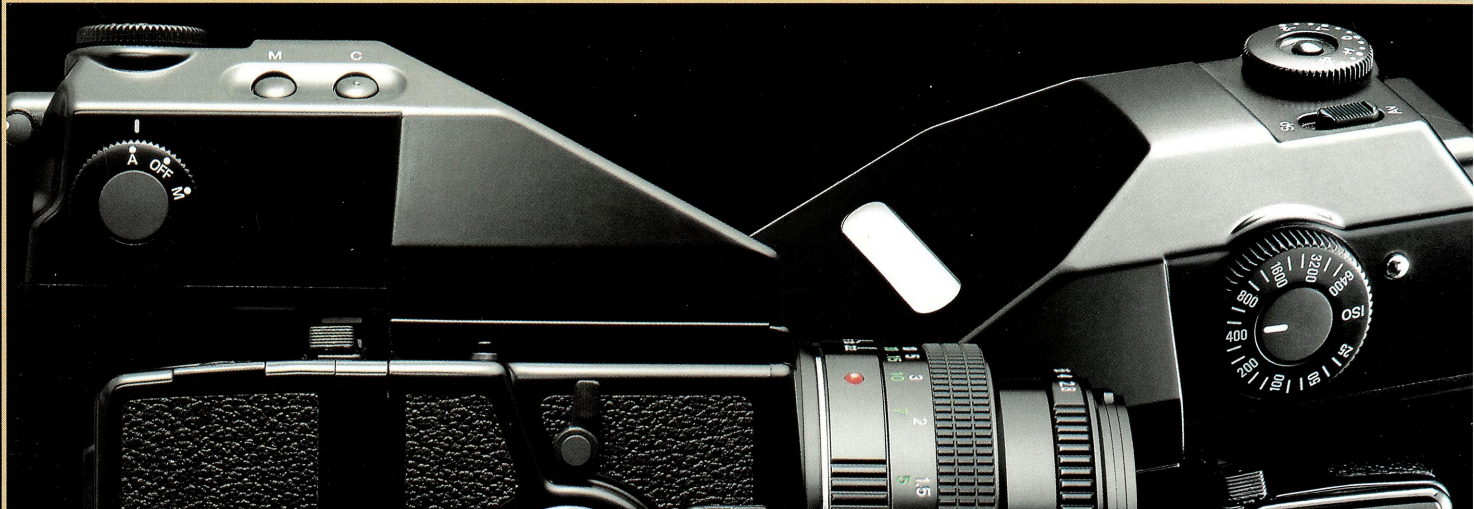


MEDIUM FORMAT 6x4.5

BRONICA ETR Si







BRONICA ETRSi— BASED ON A VIVID AND IMAGINATIVE CREATIVE CONCEPT.

**Exactng Details for Sharp Depictions
with Superior Image Reproductions.
For New Possibilities in Image Presentations.**

The ETRSi fulfills the idealistic requirements of serious photographers looking for more vivid image reproductions. Extremely fine details and subtle nuances are all conveyed to the film. The 6×4.5 cm size negative frame, which is about 2.7 times larger than the 35mm format, makes possible superb image quality, while the large-size viewing screen contains all vital information. This especially makes the format a valuable one for the professional photographer. The superior depiction of the ETRSi greatly increases the scope of the photographer in the pursuit of new image expressions.

**Extremely Satisfactory Photography,
with a Compact Design Emphasizing
Great Handling Ease.**

Creative picture-taking can not take place, even when the powers of expression are rich if there are too many limitations placed on the photographer. In the case of the ETRSi however, special importance has been placed on this point and there is a high degree of system flexibility. Not only has a compact and light-weight camera been developed, based on Bronica's exclusive lens shutter system, but Bronica has advanced the use of electronics in various sophisticated functions, resulting in enhanced precision. And, the pursuit of greater holding stability has also lead to an improvement in handling ease. Furthermore, the very flexible "system" design of the ETRSi, in which lenses, finders, film backs and focusing screens can be freely exchanged, as well as a full range of valuable accessories makes it possible to customize the "system" to match the user's intention in picture-taking. These versatile functions in a very compact camera have been successful in greatly increasing the creative freedom in photography.

**Technology is the Creative Power and the
Basis of the Bronica Technical Concept.**

Image presentations of the highest quality has been the consistent goal of Bronica. It is also the reason for pursuing the large negative frame size, such as the SQ Series in the 6×6 cm format, the GS-1 in the 6×7 cm format and now the 6×4.5 cm format of the ETRSi. By adding greater handling ease to the medium format camera, which already boasts superior powers of portrayal, even more varied image presentation are now possible. And, to attain such high goals, no technical effort has been spared. This is a concept born from Bronica's basic thinking, that the creative power of the photographer is the most important element and must be extended as much as possible with the assistance of modern technology.

EVOLUTIONARY MULTI-FORMAT BRONICA ETRSi— A FUSION OF QUALITY AND FLEXIBILITY AT THE HIGHEST LEVEL.

Complete System Flexibility — Based on Bronica's Advanced Design Concept.

For a more distinct expression of the photographer's intentions, there is coexistence of high image quality with the superior power of portrayal of the 6×4.5 cm size along with excellent handling ease. This design concept is present with the ETRSi. An extremely high system capability has been attained, in which it is possible to choose a camera system suited for the photographer's individual purpose, by simply combining various system accessories with the main camera body. This has been made possible by a complete fusion of technical knowledge gained by Bronica through thirty years as an exclusive maker of medium precision format cameras and the most advanced electronic technologies.

Exceptional Images, with Professional Quality Zenzanon-PE Lenses.

The Zenzanon-PE series lenses are based on the original design technology of the Zenzanon-PG lenses (GS-1; 6×7) and Zenzanon-PS lenses (SQ-Ai; 6×6), which are already noted as being among the sharpest in the world. The Zenzanon-PE lenses also take full advantage of MTF* technology in their design, and have overall improvement in optical performance, such as resolving power, contrast, etc. Bronica's exclusive multi-layer coating increases optical transmittance, while further suppressing ghost and flare. Matched color

fidelity and unadulterated color balance are faithfully conveyed from the original image. The electronically controlled Seiko #0 lens shutter offers exacting shutter speed capability from lens to lens, as the timer is in the camera body.

In addition, the shutter synchronizes at all speeds up to 1/500 sec. Now, the ultimate in state of the art lens quality is available for each of the proven camera systems.

* Modulation transfer function

Complete Finder Interchangeability for a Wide Range of Image Expressions.

There is complete finder interchangeability to match requirements for a wide range of image expressions, such as waist-level or eye-level view-focusing, including low angle shots. And, the eye-level view-focusing AE-III Prism Finder E makes possible TTL-metered aperture-priority AE shots with a choice of spot metering or average metering, thus making possible very faithful presentations, as well as increasing the handling ease of the ETRSi.

Film Back Interchangeability Provides Multi-Format Capability.

Film back interchangeability makes possible the handling ease and wide variety of image expressions of the ETRSi. With one-touch exchanges, film type and frame size can match the photographic purpose or conditions. And, there is complete freedom in film back exchanges, even midway in the roll, or in daylight, all without limitations, while mistakes are also effectively prevented.

Lightweight Motor Winder System for Very Fast Shooting Actions.

Simple, fast film winding operations makes it possible to concentrate on the subject, when following fastbreaking actions, with fast shooting action and handling ease greatly improved in the new, lightweight Motor Winder EiII.



Varied New Mechanism for Greatly Enlarging the Scope of Image Expressions.

One of the main characteristics of the medium format camera is the varied image expressions. Full of originality, these image can be obtained by utilizing the many photo technics which are available, such as multiple exposures, etc. Thus, in addition to the high image quality of the ETRSi, it is possible for the photographer to enjoy the full attraction of the medium format camera with varied new mechanisms.

Designed with SCA System Compatibility for TTL Auto-Flash Operations.

Because of the importance of flash photography for both professionals and advanced users, Bronica has developed an exclusive

C.C.C. (Current Control Center) System for auto-flash operations, based on direct metering at the film plane, when coupled to SCA System electronic flash units from Metz (Mecablitz) of West Germany. The SCA System becomes effective when the SCA System Adapter (386) is used and also provides ready-flash signal and auto-checking confirmation in the viewfinder area.



Mechanical Shocks Minimized and Mirror Lock-Up Incorporated for Use in Precision Photography.

Mechanical shock has been greatly reduced, by eliminating mechanical vibrations, while vibrations due to the reflex mirror action has been eliminated with a new mirror lock-up system. Vibration-free picture-taking is ideal when using a slow shutter speed, taking long telephoto shots and close-ups.

Multiple Exposure Lever for Unique Image Expressions as Possible Only in the Medium Format.

Multiple exposures, in which two or more exposures are made on the same frame, is an unique photographic effect which is most effective in the medium format because of the high image quality and large negative area. The multiple exposure lever of the ETRSi is not only easy to use but a red warning signal appears in the finder when in use, to avoid mistakes.

Long Time Exposures for Producing New Images — with a New Bulb Mechanism.

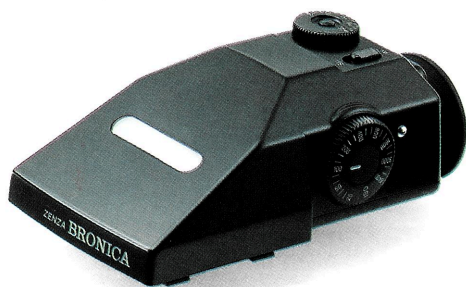
Long shutter speeds can be set freely, to match the intentions of the user, thus increasing the possibilities for producing new image expressions. Long time exposures can be used for photographing merchandises, for producing unique photo images, or for special photographic effects coupled to the electronic flash, which means that new photo technics are possible with the ETRSi.

System Flexibility with a Full Range of Versatile Accessories.

The ETRSi is based on the "system" design, with lenses, finders, film backs, winders, etc., used, as required, in combination with the main camera body for producing the "system" camera required by the user. And, a full range of versatile accessories are also available for extending the "system" camera to match photographic requirements.



FINDER INTERCHANGEABILITY — THE INTERFACE BETWEEN IMAGE AND EXPRESSIONS.



**AE-III Prism Finder E—
for Aperture-Priority Auto-Exposures
with Choice of Average/Spot Metering.**
Prism finder shows laterally-correct, up-right and bright image. Features Aperture-Priority TTL Auto-Exposure(AE) switchable to manual exposure control. Has choice of full-area average metering and spot metering systems, with AE lock and exposure compensation. Liquid crystal display(LCD) finder information, such as AE or manual mode, correct shutter speed, average or spot metering, AE lock and exposure compensation, are shown. Finder also has adjustable eye-piece system with stepless adjustments from -2.5 to $+0.5$ diopters(standard eyepiece) and eyepiece shutter.

Specifications of the AE-III Prism Finder E

Magnification: 0.75x, with standard PE 75mm lens set at infinity and at zero diopter correction.

Finder field: 40.6 × 51.6mm(96% × 94%)

Eyepiece diopter correction: Continuously variable; -2.5 to $+0.5$ dptr. with standard eyepiece; -5 to -2 dptr. with optional minus eyepiece; and 0 to $+3$ dptr. with optional plus eyepiece.

Exposure measuring system: TTL full aperture exposure measurements; full-area average measurements switchable to spot measurements.

Exposure control system: Aperture-priority AE, with shutter speed adjustments.

Shutter coupling range: 32 sec. to 1/500 sec., in 1/12th EV steps, on AE; 8 sec. to 1/500 sec. plus Bulb, with shutter speed dial on camera body, on manual.

Exposure measuring range: EV 1 to 19(ISO 100; for both average and spot measurements).

Film speed setting range: ISO 25 to 6400(in 1/3rd EV increments).

Exposure compensation: ± 2 EV range(in 1/3rd EV increments); "+" LCD finder indication with plus compensation and "-" indication with minus compensation.

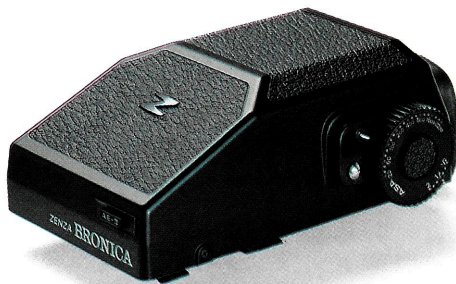
Finder indications: Liquid crystal display(LCD) type, with automatic backlight illumination in dark situations; 7 segment shutter speed indication, including intermediate settings; "AE" indication for AE mode; "L" for AE lock; "M" for manual mode; "●" for spot metering; "[]" for average metering; "+" for plus exposure compensation; and "-" for minus exposure compensation. LCD activated by half-stroke of shutter release button, when used with the ETRSi.

AE lock: Possible in AE mode and held for 60 sec.; shutter speed is automatically compensated with aperture changes made in the AE lock mode.

Spot measurement area: Approximately 10mm circle in the center of the finder area.

Dimensions: 69mm(width) × 134.7mm(length) × 51.3mm(height) (excluding eye-cup).

Weight: 345 grams.



**AE-II Finder E—
for Aperture-Priority TTL Auto-Exposures.**
The Bronica AE-II Finder E is a prism view-finder system with a choice of aperture-priority AE or manual exposure controls and shows a laterally-correct upright and bright finder image. Shutter speed and over-/under-exposure warnings are displayed inside the finder, thus providing accurate shooting data at all times.

Specifications of the AE-II Finder E

Magnification: 0.82X with standard 75mm lens

Finder field: 40.6 × 51.6mm(96% × 94%)

Exposure measurements: TTL full aperture, with 2 silicon photocells; full area average reading; EV4 ~ 17 (at ASA/ISO 100)

Film speed range: ASA/ISO 25 ~ 3,200

Shutter speed range: 8 ~ 1/500 sec. (in stageless steps on Auto)

Exposure compensations: Over- and under-exposure adjustments possible up to one EV.

Finder indications: Color-coded LED digital display of shutter speeds in yellow (8 ~ 1/30 sec.), green (1/60 ~ 1/500 sec.) and red (over- and under-exposure warnings) below screen area, with half-stroke of shutter release button.

AE dial: A (Auto)—AE circuit automatically controls shutter speed, with LED display in finder; M (Manual)—AE and body control circuits operate independently, with blinking LED display of recommended shutter speed; ● (Off)—AE circuit is switched off and body control circuit only is in operation, without any finder display.

Power source: The 6 volt battery in the camera body is also used as the power source for the finder.

Magnifier: -1.5 dptr supplied; can be exchanged for magnifier in -4.5 to $+1.5$ dptr range.

Size: 82.5(W) × 125(L) × 53(H)mm with eyecup attached

Weight: 380 grams



**Rotary Finder E—
for Multiple Shooting Angles.**
Eyepiece rotates 90° to the left and right for reflex viewing in both horizontal and vertical formats, with an easy-viewing bright, upright image which is laterally correct. This also makes the Rotary Finder E ideal for low-angle shooting.

Specifications of the Rotary Finder E

Magnification: 0.81X with standard 75mm lens

Finder field: 40.6 × 51.6mm(96% × 94%)

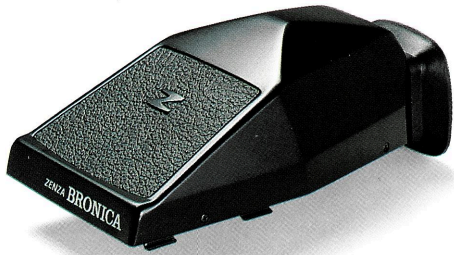
Eyepiece adjustment: 180° rotation, with click stops at 90° to left/right from the vertical

Magnifier: -1.5 dptr supplied; can be exchanged for magnifier in -4.5 to $+1.5$ dptr range

Size: 68(W) × 114(L) × 105.5(H)mm with eyecup attached

Weight: 448 grams





All-Round Eye-Level Viewing — with the Prism Finder E.

Lightweight, compact finder with eye-level view-focusing is highly suited for quick camera work, as well as general composition. The bright, laterally-correct and upright image makes it an ideal finder for following fast-breaking actions, as well as converting the ETRSi into an "action" camera.

Specifications of the Prism Finder E

Magnification: 0.82X with standard 75mm lens
Finder field: 40.6 × 51.6mm (96% × 94%)
Magnifier: — 1.5 dptr supplied; can be exchanged for magnifier in — 4.5 to +1.5 dptr range
Size: 68(W) × 125(L) × 52(H)mm with eyecup attached
Weight: 277 grams

Waist-Level Finder E — for General Purpose Reflex Viewing.

Compact waist-level finder has single-action hood plus flip-up magnifier for critical focusing action. A very easy-to-use finder for general composition work, as well as low-angle shooting, close-ups and copying work.

Specifications of the Waist-Level Finder E

Magnification: 1.15X with standard 75mm lens; (Magnifier magnification is 3.85X)
Magnifier: — 1.5 dptr supplied; can be exchanged for magnifier in — 4.5 to +1.5 dptr range
Size: 69(W) × 63(L) × 17(H)mm
Weight: 100 grams

Focusing Screen Ei—

Available in 8 Interchangeable Types.

Eight types of focusing screens are available for the ETRSi and can be interchanged on the basis of the lens, film back and picture-taking conditions. Exchanges are done quickly with a simple, single-action operation.

Microprism/Horizontal Split-Image

Horizontally-oriented split-image is surrounded by microprism ring, which makes it ideal for a wide range of view-focusing work. For general uses.

Microprism/Diagonal Split-Image

Diagonally-oriented split-image is surrounded by microprism ring and, therefore, suitable for subjects with horizontal lines. Also, suitable for general work.

Split-Image

Central split-image spot is horizontally oriented. For general uses.

Microprism

Focusing with central microprism spot and surrounding matte area. For general uses.

All Matte (Standard)

Full matte area screen shows very clear and bright image, which is ideal for portraits and sports shots, as well as convenient for long focal length lenses.

Grid-lines/Matte

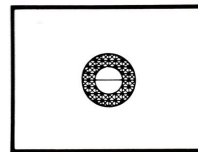
Full matte area screen with overall grid-lines, is ideal for very accurate composition work. For use in copying work and close-ups.

Microprism/Split-Image (135)

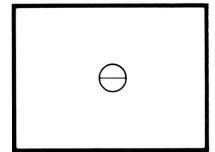
Split-image with microprism ring has frame lines for use with Film Back E 135 (wide and normal frames).

All Matte (135)

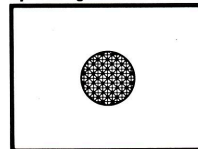
Full matte area screen also has frame lines for use with Film Back E 135-N and 135-W.



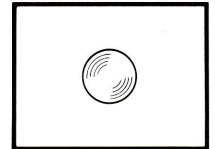
Microprism/Horizontal Split-Image



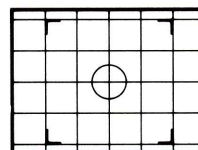
Split-Image



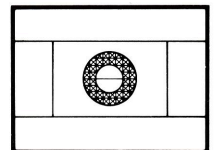
Microprism



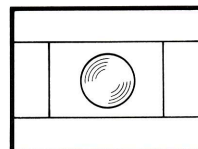
All Matte (Standard)



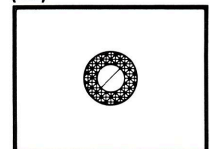
Grid-lines/Matte



Microprism/Split-Image (135)



All Matte (135)



Microprism/Diagonal Split-Image

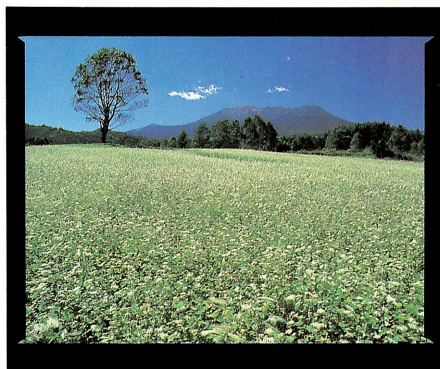
BRONICA'S EXCLUSIVE BACK-UP SYSTEM — INCREASES HANDLING EASE AND SAFETY IN MEDIUM FORMAT PHOTOGRAPHY

Speedy-Action Back-Up System Meets all Photographic Conditions.

The multi-format film back system is a Bronica tradition and provides complete freedom in frame sizes and film types, with single-action film back interchangeability at anytime. This makes it possible to instantly change formats or film type to meet constantly changing conditions in the field and in the studio. Changes from color to black-and-white or from negative to transparency, etc. is made very easily. And, frame sizes or film speeds can be changed, even in mid-roll. The built-in Bronica safety features protect the photographer from mistakes, during the rush of interchanging film backs, because the Bronica film back system has been designed to provide the user with simple, fast and safe film back interchangeability. Shooting action with the ETRSi is greatly enhanced by simply attaching the Motor Winder Ei. There is a substantial improvement in the speedy shooting action and handling ease of the ETRSi, without a corresponding increase in weight. This provides the ETRSi with handling ease almost equal to the 35mm camera and makes it suitable for a multitude of uses.

Safe Film Back System

The ETRSi has a built-in dark slide safety system for complete protection when interchanging film backs. The film back is not detachable without first inserting the dark slide and the dark slide is not detachable from a film back once it has been taken off the main camera body. This safety interlock means that there is full protection against accidental exposures.



Film Back Ei 120/220

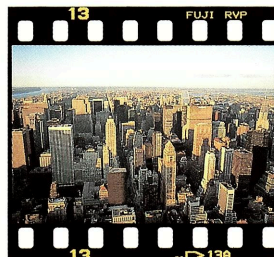
Exclusive film backs for 120 and 220 roll films provide improved film flatness, with 15 exposures available on the 120 and 30 exposures on the 220, in the 6 × 4.5cm format.

Film Back E 135-W

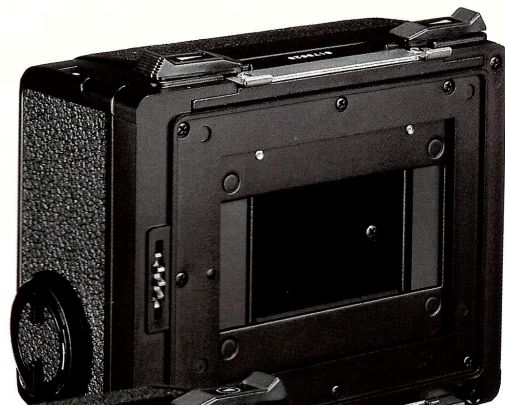
Exclusive film back for 135 roll film, with a horizontally wide frame area of 24 × 54mm, which is about 1.5 times the normal 35mm format.

Film Back E 135-N

Exclusive film back for 135 roll film for taking pictures with a frame area of 24 × 36mm. A wide variety of films are available, from extremely fine grain to ultra high-speed.



Film Back-E 135-W

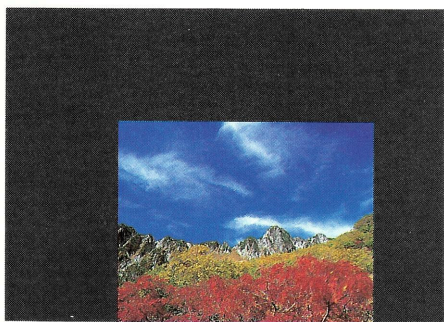


Film Back-E 135-N



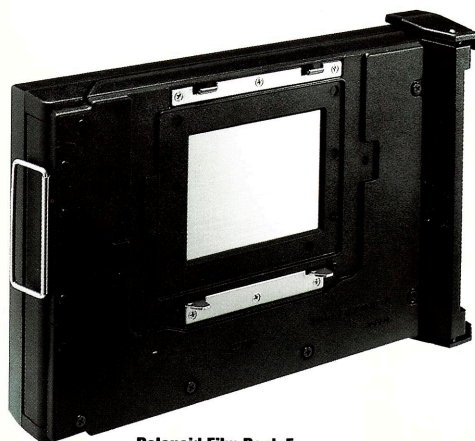
Film Back-Ei 120

GRAPHY.



Polaroid Film Back E — for Previewing Shooting Conditions.

A very valuable film back for previewing photographic conditions. Developed with the Polaroid Corporation and highly suitable for checking lighting, composition and exposure, or the image expression, before taking the actual shot. Format is 6 × 4.5cm.



Polaroid Film Back E



Motor Winder Ei II — Lighter, More compact, Better handling ease

Aimed at improving the overall handling ease, significant down-sizing and light-weight have been achieved on the new Motor Winder Ei II. Comfortable holding balance is ensured with all the operational buttons centralized around the grip section. It comes with shutter release button, hotshoe, cable release connector (mechanical), external DC power input terminal. Powered by one 2CR5 Lithium battery, and one frame

advance only per each shutter release. Hand strap supplied as standard.

Speed Grip E — for Fast, Manual Shooting Actions.

The Speed Grip E improves holding stability in hand-held shooting and also makes shooting in the vertical and horizontal formats easy. The film winding lever provides fast handling and speedy shooting operations similar to the 35mm camera, with coincidental shutter cocking and film winding. Also, has hot shoe.

SUPERB COLOR REPRODUCTION AND SUPERIOR SHARPNESS, WITH HIGH PERFORMANCE ZENZANON-PE LENSES.

Wide Lenses

Zenzanon-PE 40mm F4

Particularly applicable for landscape, architectural and interior photography.

Zenzanon-PE 50mm F2.8

A fast wide-angle lens of exceptional image quality. Compact and easy to use.

Zenzanon-PE 60mm F2.8

wide-angle optic with definition like the standard lens.

Standard Lens

Zenzanon-PE 75mm F2.8

A fast, standard focal length lens offering needle-sharp definition.

Tele Photo Lenses

Zenzanon-PE 135mm F4

Medium telephoto is ideal for portraits, with great sharpness and natural blurred effects.

Zenzanon-PE 150mm F3.5

Medium telephoto with superior contrast and high resolving power.

Zenzanon-PE 180mm F4.5

Moderate telephoto lens with exceptional resolving power and minimum focusing distance of 1 meter.

Zenzanon-PE 200mm F4.5

A moderate telephoto lens well suited to portraiture, landscapes, architectural detail and sports photography.

Zenzanon-PE 250mm F5.6

A true telephoto lens taking advantage of depth compression.

Macro Lens

Zenzanon-PE 105mm F4.5 Macro (1:1)

A macro lens that covers a broader shooting range from infinity to life-size macro. It offers an excellent resolving power and razor-sharp images.

Fisheye Lens

Zenzanon-PE 30mm F3.5 Fisheye

With a diagonal angle of view of 180°, this fish eye lens makes deformed images.

Zoom Lens

Zenzanon-PE 45-90mm F4-5.6 Aspherical

A standard zoom lens that employs two Hybrid Aspherical lens elements to materialize compactness and high image quality. The lens is also capable of allowing a close shooting distance of 50cm at 90mm focal length setting to give a maximum image magnification of 1:4.3.

Zenzanon-PE 100-220mm F4.8 Aspherical (IF)

Featuring both compactness and high image quality, this telephoto zoom lens is based on an aspherical lens design.

A minimum focusing distance of 1 meter is possible throughout the zoom range because of an internal focusing design, thus exhibiting great power in close-up photography.

Super Tele Photo Lenses

Zenzanon-PE 500mm F8

Two lens elements of low refractive index and low dispersion glass are used for thorough compensation of chromatic aberration which is common in telephoto lenses.

Zenzanon-E II 500mm F8

High performance optic with pronounced telephoto effect.

Tele-Converters

Tele-Converter PE2x/PE1.4x

designed with emphasis on the MTF theory and developed to maximize the superior capabilities of the Zenzanon-PE lens series.

Wide Lenses



ZENZANON-PE 40mm F4



ZENZANON-PE 50mm F2.8



ZENZANON-PE 60mm F2.8

Standard Lens



ZENZANON-PE 75mm F2.8

Tele Photo Lenses



ZENZANON-PE 135mm F4



ZENZANON-PE 150mm F3.5



ZENZANON-PE 180mm F4.5



ZENANON-PE 200mm F4.5



ZENANON-PE 250mm F5.6

Macro Lens



ZENANON-PE 105mm F4.5 MACRO[1:1]

Fisheye Lens



ZENANON-PE 30mm F3.5 FISHEYE

Zoom Lenses



ZENANON-PE 45-90mm F4-5.6 ASPHERICAL



ZENANON-PE 100-220mm F4.8 ASPHERICAL [IF]

Super Tele Photo Lenses



ZENANON-PE 500mm F8



ZENANON-EII 500mm F8

Tele-Converters



TELE-CONVERTER PE 1.4X



TELE-CONVERTER PE 2X



PE30mm F3.5 FISHEYE

Discription	Lens construction	Angle of view	Aperture	Min. focusing distance	Filter size	Size	Weight	35mm equivalent focal length
ZENZANON-PE35mm F3.5 FISHEYE	8-11	180°	F3.5~22 with half-click stop	0.27m	φ32.5mm	84.5×φ95mm	900g	18mm
ZENZANON-PE 40mm F4	8-9	82.1°	F4~22 with half-click stop	0.35m	φ62mm	50.5×φ82mm	510g	24mm
ZENZANON-PE 50mm F2.8	7-9	69.7°	F2.8~22 with half-click stop	0.46m	φ62mm	50.5×φ82mm	490g	30mm
ZENZANON-PE 60mm F2.8	7-7	60.7°	F2.8~22 with half-click stop	0.42m	φ62mm	54×φ82mm	520g	36mm
ZENZANON-PE 75mm F2.8	5-6	49.7°	F2.8~22 with half-click stop	0.6m	φ62mm	49.5×φ82mm	440g	45mm
*ZENZANON-PE 105mm F4.5 MACRO [1:1]	8-9	38.9°	F4.5~32 with half-click stop	0.35m Magnification 1:1	φ67mm	104×φ86mm	920g	63mm
ZENZANON-PE 135mm F4	4-6	29.1°	F4~32 with half-click stop	1m	φ62mm	91.5×φ82mm	750g	81mm
ZENZANON-PE 150mm F3.5	5-6	26.1°	F3.5~22 with half-click stop	1.5m	φ62mm	71×φ82mm	635g	90mm

* Because the lens allows a maximum magnification ratio of 1:1, the use of an auto extension ring, auto bellows attachment or close-up lens is not recommended.



PE100-220mm F4.8

Description	Lens construction	Angle of view	Aperture	Min. focusing distance	Filter size	Size	Weight	35mm equivalent focal length
ZENZANON-PE 180mm F4.5	8-9	21.9°	F4.5~32 with half-click stop	1.0m	φ62mm	107.5×φ82mm	840g	110mm
ZENZANON-PE 200mm F4.5	5-6	20.2°	F4.5~32 with half-click stop	2.0m	φ62mm	109×φ82mm	775g	120mm
ZENZANON-PE 250mm F5.6	6-6	16.2°	F5.6~45 with half-click stop	3.0m	φ62mm	147×φ82mm	910g	150mm
ZENZANON-PE 500mm F8	10-11	8.1°	F8~64 with half-click stop	8m	φ122mm	318×φ139mm	3,760g	300mm
ZENZANON-EII 500mm F8	6-7	8°	F8~45	8.5m	φ95mm	267×φ102mm	1,890g	300mm
ZENZANON-PE 45-90mm F4-5.6 ASPHERICAL	10-11	38°-16°	F4~32 with half-click stop	1m (f=45mm)~0.5m (f=90mm) Magnification 1:4.3 (f=90mm)	φ95mm	108.5×φ102.5mm	1,015g	27-54mm
ZENZANON-PE 100-220mm F4.8 ASPHERICAL [IF]	13-16	38°-18°	F4.8~32 with half-click stop	1.0m Magnification 1:4.9 (f=220mm)	φ95mm	180.5×φ106.5mm	2,175g	60-132mm
Tele-Converter PE 2X	6-7	1/2 of prime lens	Exposure factor; 4X (2F/stops)	Same as prime lens	—	53×φ83mm	460g	—
Teleconverter PE 1.4	5-5	1/1.4 of prime lens	Exposure factor; 2X (1F/stops)	Same as prime lens	—	28×φ83mm	300g	—

Specifications of the BRONICA ETRSi

Type:	4.5 × 6cm format lens shutter single lens reflex camera, with interchangeable lens, film back, finder and focusing screen systems.
Frame size:	42.5 × 55.1mm (side/length ratio of 1:1.29 closely matches standard paper and reproduction sizes)
Film:	120 roll film (15 exposures); 220 roll film (30 exposures); 135 cartridge-loaded film; and Polaroid Land pack film. (Exclusive film backs for each film type.)
Standard lens:	Zenzanon-PE 75mm F2.8 lens, interchangeable type; 6 elements in 5 groups; multi-layer anti-reflection coated; 49.7° angle of view; F22 minimum aperture; 60cm minimum focusing distance; and helical focusing.
Filter size:	62mm diameter for PE 40-250mm lenses, 95mm for E II 500mm lens, PE45-90mm and PE 100-220mm lenses, 122mm for PE 500mm lens, and 32.5mm for PE 30mm fisheye lens.
Lens mount:	Exclusive four claw Bronica ETR bayonet mount.
Lens diaphragm:	Fully automatic instant reopening diaphragm action; equal-distance aperture scale graduations; depth of field previewing.
Shutter:	Electronic control SEIKO #0 between-lens leaf shutter; shutter speeds 8 to 1/500 sec. plus B (bulbs) and T (time); intermediate settings not possible; mechanical control setting of 1/500 sec.
Film winding:	Film winding crank; one complete forward revolution or ratcheted winding action.
Mirror lock-up:	Possible with mirror lock-up lever.
Multiple exposure:	Possible with multiple exposure lever; red warning sign in finder.
Film back:	Daylight loading interchangeable type; exclusive film backs for 120, 220 and 135 roll films and Polaroid Land pack film.
Finder system:	Interchangeable finder system; 94% of actual field of view (remains unchanged with different finders); choice of five optional finders, or Waist-Level Finder E, AE-III Prism Finder E, AE-II Finder E, Rotary Finder E and Prism Finder E.
Focusing screen:	Interchangeable type; standard screen has matte spot.
Flash synchronization:	X-setting (up to 1/500 sec.); auto-flash control based on direct light measurements at the film plane are possible with optional SCA System Adapter.
Battery checking:	Red-colored LED lights up within screen area when battery check button is depressed, if there is sufficient power; also doubles as shutter closing signal.
Battery:	Single 6-volt silver oxide or alkaline-manganese battery; also powers AE-II Prism Finder E and AE-III Prism Finder E, when attached.
Dimensions:	92(W) × 87(H) × 69(L)mm (ETRSi main body only) 92(W) × 107(H) × 165(L)mm (with standard lens, Film Back Ei 120 and Waist-Level Finder E)
Weight:	480 grams (ETRSi main body only; without battery) 1,285 grams (with standard lens, Film Back Ei 120 and Waist-Level Finder E; without battery.)

Specifications of the Motor Winder Ei II

Type:	L-type, for right-hand holding, with shutter release button.
For use with:	Bronica ETRSi, ETRS, ETRC, ETR and ETR-C.
Winding system:	Single frame winding only.
Winding speed:	Approximately 0.8 second (at normal temperature).
Power source:	2CR5 lithium battery (DC 6V)
Number of shooting film rolls:	Approximately 100 rolls of 120-type film with a fresh lithium battery at normal temperature.
First frame setting:	Automatically winds to the first frame.
Battery check:	Automatically detects threshold voltage level and turns on a red LED for about 10 sec. after film winding.
Other features:	Hot shoe, cable release socket.
Dimensions:	151 (wide) × 113 (high) × 67 (deep)mm
Weight:	380g (without battery)

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