

ZENZA
BRONICA

ZENZANON PS·PE LENSES

**SUPERLATIVE IMAGE RENDITION.
MTF* BASED OPTICAL DESIGNS.
NEW HIGH PERFORMANCE SUPER MULTI-COATING.**

www.ianbfoto.com



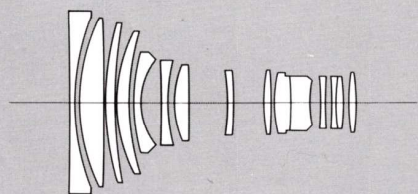
★ Modulation Transfer Function

HIGHLY VALUED BY PROFESSIONALS FOR SUPERIOR IMAGE QUALITY AND POWER OF RENDITION.

ZENZANON-PS VARIOGON 75-150mm F4.5 ZOOM LENS (with Macro System)



The 2× zoom capability of the lens goes from the standard to the middle telephoto range and offers exceptional ease of use to the 6×6cm format owner. There is great freedom in framing subjects, changing perspectives and achieving varied effects of the background to the subject....all of which can be verified in the viewfinder. This makes the lens ideal for a variety of assignments ranging from glamour to commercial work and portraiture. The electronically controlled leaf shutter in the lens permits precise, predictable fill-flash shots. A macro setting (with single button release) quickly allows for close-up work in the studio or on location. Combined with the larger negative size and superb image resolution, the lens is a "must" for the professional photographer.

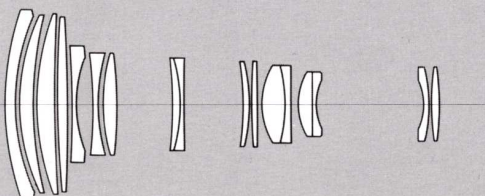


Lens construction: 13-groups 15-elements
Aperture: F4.5-F32 (with half-stops)
Angle of view: 53.5°-30.1°
Minimum focus: 0.25m (front lens surface-to-subject distance); area covered-24.6 × 24.6cm
Diaphragm: Fully automatic
Filter size: Series 9a (93mm dia.)
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 152mm long × 100mm max. dia.
Weight: 1,800 grams
Accessories: Filter ring, lens hood, lens case.
35mm equivalent focal length: 41-82mm

ZENZANON-PS VARIOGON 140-280mm F5.6 ZOOM LENS (with Macro System)



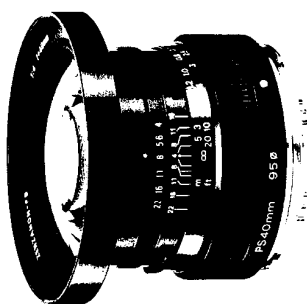
Specially designed to meet professional requirements expected in a 2× telephoto zoom lens for the 6×6cm format. A single optic covering focal lengths from 140mm to 280mm. The lens permits stepless variations in the focal length, changes in the perspective and different out-of-focus effects in the background, as confirmed in the viewfinder. The lens offers separate zoom and focus rings, as well as macro capability with a simple button control. Subject framing can easily be varied without even moving. As the subject to camera distance remains the same, fill-flash photography is simple and predictable. And, electronic flash sync up to 1/500 sec. is possible because of the built-in electronically controlled leaf shutter system.



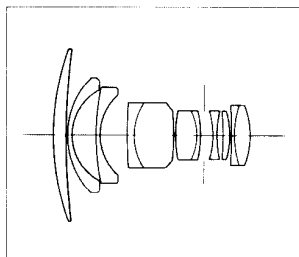
Lens construction: 14-groups 17-elements
Aperture: F5.6-F32 (with half-stops)
Angle of view: 30.1°-16.2°
Minimum focus: 0.76m (front lens surface-to-subject distance); area covered-32.5 × 32.5cm
Diaphragm: Fully automatic
Filter size: Series 9a (93mm dia.)
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 221mm long × 94mm max. dia.
Weight: 2,000 grams
Accessories: Filter ring, lens hood, lens case.
35mm equivalent focal length: 77-154mm

NEWLY-DEVELOPED HIGH PERFORMANCE MULTI-COATING PROVIDES NATURAL COLOR RENDITION.

ZENZANON-PS 40mm F4 LENS

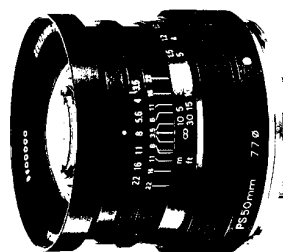


An ultra wideangle lens for getting unique pictures. The very wide angle of view and extreme depth of field makes the lens ideal for pan-focus effects, as well as exaggerated effects. Distortion is also compensated to the very minimum and a new multi-coating means superior color balance, as well as natural color reproductions. Ideal for snap-shots, landscapes and interior shots.

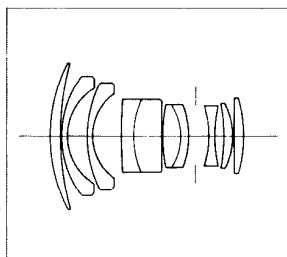


Lens construction: 8-groups 11-elements
Aperture: F4-F22 (with half-stops)
Angle of view: 87°
Minimum focus: 0.4m
Diaphragm: Fully automatic
Filter size: 95mm dia.
Leaf shutter: Electronic control SEIKO No 0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 67.5mm long x 98mm max dia.
Weight: 650 grams
35mm equivalent focal length: 23mm

ZENZANON-PS 50mm F3.5 LENS



A very easy-to-use wideangle lens, with a very distinctive angle of view which is quite different from the standard lens and ideal for group shots, mountain scenes and landscapes, as well as snap-shots, thus doubling as a standard lens, too. A newly-developed multiple lens coating assures vivid color reproductions, as well as very natural color renditions.

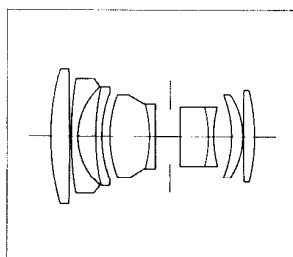


Lens construction: 8-groups 10-elements
Aperture: F3.5-F22 (with half-stops)
Angle of view: 76°
Minimum focus: 0.5m
Diaphragm: Fully automatic
Filter size: 77mm dia.
Leaf shutter: Electronic control SEIKO No 0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 61.7mm long x 82mm max dia.
Weight: 500 grams
35mm equivalent focal length: 28mm

ZENZANON-PS 65mm F4 LENS



A wideangle lens with an angle of view close to the standard optic. Emphasis in image quality has been placed on both the near distance and infinity, thus improving image quality over the full range. Designed on the basis of the MTF optical theory, there is rich gradation and depth in the photographic image. Can be used as an universal purpose lens for snap-shots, group shots and interior shots.

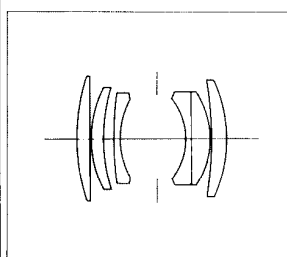


Lens construction: 7-groups 9-elements
Aperture: F4-F22 (with half-stops)
Angle of view: 62.3°
Minimum focus: 0.6m
Diaphragm: Fully automatic
Filter size: 67mm dia.
Leaf shutter: Electronic control SEIKO No 0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 69.6mm long x 82mm max dia.
Weight: 665 grams
35mm equivalent focal length: 35mm

ZENZANON-PS 80mm F2.8 LENS



The standard lens has an angle of view close to the human vision which gives it natural and pleasing visual depictions. Designed on the basis of MTF optical theory, there is minimum flare and ghost in the central area, which gives it superior image quality and rich gradations. And, a new multiple lens coating assures vivid color reproductions, with faithful color renditions of subtle tones in the subject.



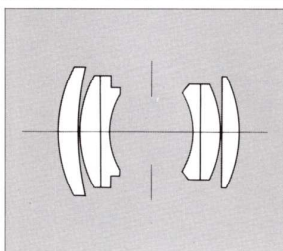
Lens construction: 5-groups 6-elements
Aperture: F2.8-F22 (with half-stops)
Angle of view: 50.7°
Minimum focus: 0.8m
Diaphragm: Fully automatic
Filter size: 67mm dia.
Leaf shutter: Electronic control SEIKO No 0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 52mm long x 82mm max dia.
Weight: 490 grams
35mm equivalent focal length: 45mm

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MACRO ZENZANON-PS 110mm F4 LENS



Emphasis is placed on the close focusing distance, with a basic magnification of $1/8 \times$ (at 1.1 meter), but there is superior image quality at infinity, too. The lens also has high contrast and resolving power at the full aperture, with distortion fully compensated. And, an image magnification of 1:4 and half-stops to F32 provide great depth of field effect in macrophotography, even with the bellows.

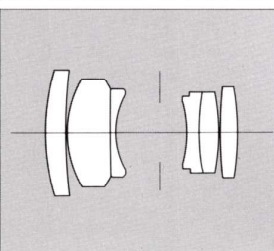


Lens construction: 4-groups 6-elements
Aperture: F4-F32 (with half-stops)
Angle of view: 40°
Minimum focus: 0.66m
Diaphragm: Fully automatic
Filter size: 67mm dia.
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 79mm long \times 83mm max. dia.
Weight: 685 grams
35mm equivalent focal length: 60mm

ZENZANON-PS 150mm F4 LENS



Designed on the basis of MTF (modulation transfer function) optical theory, the lens has superior resolving power and contrast over the full field. And, aberrations have been compensated to provide sharp image quality from the near to far distances, with superior depiction at the full aperture, too. And, a new multiple lens coating provides natural color reproduction and color balance, too.



Lens construction: 4-groups 6-elements
Aperture: F4-F32 (with half-stops)
Angle of view: 29.5°
Minimum focus: 1.5m
Diaphragm: Fully automatic
Filter size: 67mm dia.
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 74mm long \times 83mm max. dia.
Weight: 750 grams
35mm equivalent focal length: 85mm

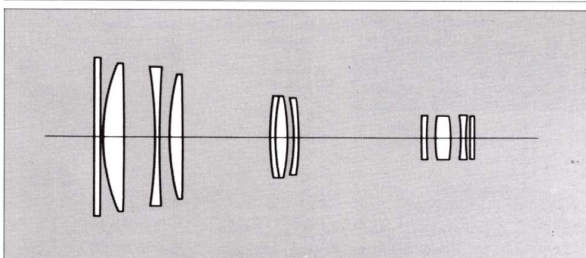
ZENZANON-PS 500mm F8 LENS



The optical system has anomalous dispersion characteristics due to the inclusion of two elements of low refractivity and low dispersion. There is also superior compensation of chromatic aberration, resulting in sharp resolving power and faithful color reproduction.

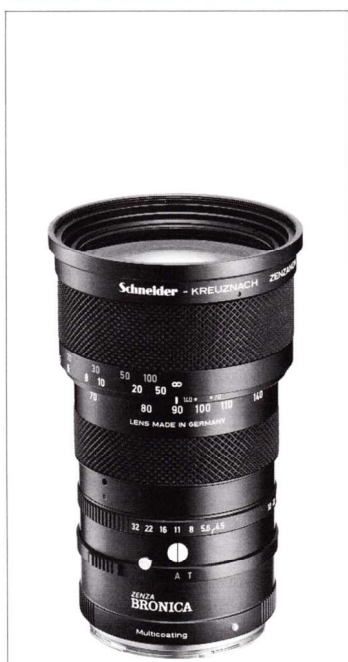
There is superior compensation of aberrations at the near distance, with a built-in floating system, thus superior image quality is maintained from the closest focusing distance to infinity, which makes it an easy-to-use lens. And, the 500mm focal length means that close framing of the subject, as well as dynamic close-ups, are possible. The optic is finished in milky-white to protect the lens from the sun rays when used outdoors.

*The lens is supplied with an exclusive aluminum case.

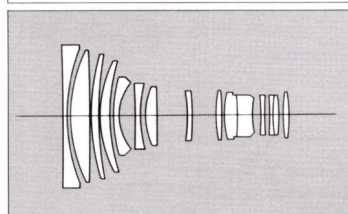


Lens construction: 10-groups 11-elements
Aperture: F8-F64 (with half-stops)
Angle of view: 9.2°
Minimum focus: 8m
Diaphragm: Fully automatic
Filter size: 122mm dia.
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 307.5mm long \times 139mm max. dia.
Weight: 3,760 grams
35mm equivalent focal length: 270mm

ZENZANON-PE VARIOGON 70-140mm F4.5 ZOOM LENS (with Macro System)



The 2× zoom lens starts from the standard focal length and is highly suited for hand-held work with the Zenza Bronica ETRS. There is freedom in framing the subject, in varying the perspective, in choosing the out-of-focus effect of the background and in the choice of composition. The electronically controlled leaf shutter system means that fill-in flash is easy and predictable as subject framing is varied but the distance to the subject remains unchanged. This makes the lens ideal for a variety of tasks from candid photography to commercial work and portraits. And, a single button macro control system means that close-ups can also be achieved quickly and easily. But, the greatest attraction is the medium format (almost 3 times the 35mm format), superior image quality and crisp details.

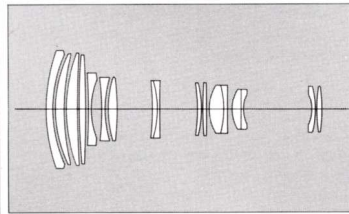


Lens construction: 13-groups 15-elements
Aperture: F4.5-F32 (with half-stops)
Angle of view: 51.3°-28.8°
Minimum focus: 0.25m (front lens surface-to-subject distance); area covered-20.3 × 26.3cm
Diaphragm: Fully automatic
Filter size: Series 9a (93mm dia.)
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 152.5mm long × 100mm max. dia.
Weight: 1,500 grams
Accessories: Filter ring, lens hood, lens case.
35mm equivalent focal length: 43-86mm

ZENZANON-PE VARIOGON 125-250mm F5.6 ZOOM LENS (with Macro System)



The telephoto zoom for the Zenza Bronica ETRS covers a range equivalent to four optics of fixed focal lengths or 125mm, 150mm, 200mm and 250mm, and makes possible variations in the composition, based on changes in subject framing, choice of perspectives and out-of-focus effects in the background. The lens features a two-ring system, with separate zoom and focus rings, as well as having a built-in macro system, with simple button release system. The built-in electronically controlled leaf shutter system makes flash shots a strong point, too, for fill-in flash outdoors, as well as studio and commercial photography.



Lens construction: 14-groups 17-elements
Aperture: F5.6-F32 (with half-stops)
Angle of view: 31.2°-16.4°
Minimum focus: 0.76m (front lens surface-to-subject distance); area covered-26.5 × 34.3cm
Diaphragm: Fully automatic
Filter size: Series 9a (93mm dia.)
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 206mm long × 94mm max. dia.
Weight: 1,650 grams
Accessories: Filter ring, lens hood, lens case.
35mm equivalent focal length: 77-154mm

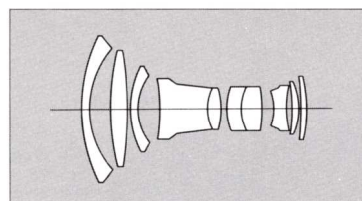
ZENZANON-PE SUPER-ANGULON 55mm F4.5 PCS LENS



Developed with the technical cooperation of Jos. Schneider GmbH & Co., the perspective control lens has tilts of 10°, both up and down, lateral shifts to the left and right of 12mm each, rise of 12mm and fall of 10mm which can also be used in combination, thus making the optic suitable for a wide range of applications. The controls can be used for—

- (1) Controlling perspective in the converging vertical lines of buildings, removing the camera reflection when shooting into windows and joining pictures when taking wide panoramic sceneries.
- (2) Controlling depth of field, for pan-focusing from the near to far distances, in architectural and commercial photography.

And, the built-in electronically controlled leaf shutter system allows greater flexibility for flash photography, as well as matching the versatile functions of the Bronica camera body.



Lens construction: 8-groups 10-elements
Aperture: F4.5-F32 (with half-stops)
Angle of view: 64°
Minimum focus: 0.5m
Diaphragm: Fully automatic
Floating focus adjustment: ∞ ~ 1.5m; automatic
Lens movement: Horizontal and vertical shifts and up and down tilts

Shift movement range:
Horizontal: 12mm to the right/left from zero
Vertical: 12mm upward/10mm downward from zero
Shift movement scales:
Horizontal: 0 to 12 scale indications in both directions
Vertical: 0 to 12 upwards and to 10 downwards
Tilt range: 0 to 10°, both up and down
Filter size: 104mm diameter; bayonet mount
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 149mm long × 104mm max. dia.
Weight: 1,650 grams
Accessories: 35mm equivalent focal length: 34mm
Lens case.

Specifications (PS lenses and PE lenses)

Description	lens construction	Angle of view	Aperture	Min. focusing distance	Magnification	shutter	Filter size	Size & Weight	35mm equivalent focal length
ZENZANON-PS 40mm F4 LENS	8-11	87°	F4~22	0.4m		8~1/500·T	95mm	67.5×98mm 650g	23mm
ZENZANON-PS 50mm F3.5 LENS	8-10	76°	F3.5~22	0.5m		8~1/500·T	77mm	61.7×82mm 590g	28mm
ZENZANON-PS 65mm F4 LENS	7-9	62.3°	F4~22	0.6m		8~1/500·T	67mm	69.6×82mm 665g	35mm
ZENZANON-PS 80mm F2.8 LENS	5-6	50.7°	F2.8~22	0.8m		8~1/500·T	67mm	52×82mm 490g	45mm
MACRO ZENZANON-PS 110mm F4 LENS	4-6	40°	F4~32	0.66m	1 : 4	8~1/500·T	67mm	79×83mm 685g	60mm
ZENZANON-PS 150mm F4 LENS	4-6	29.5°	F4~32	1.5m		8~1/500·T	67mm	74×83mm 750g	85mm
ZENZANON-PS 500mm F8 LENS	10-11	9.2°	F8~64	8m		8~1/500·T	122mm	307.5×139mm 3,760g	270mm
ZENZANON-PS VARIOGON 75-150mm F4.5 ZOOM LENS	13-15	53.5°~30.1°	F4.5~32	0.25m	1 : 4.4	8~1/500·T	93mm	152×100mm 1,800g	41~82mm
ZENZANON-PS VARIOGON 140-280mm F5.6 ZOOM LENS	14-17	30.1°~16.2°	F5.6~32	0.76m	1 : 5.8	8~1/500·T	93mm	221×94mm 2,000g	77~154mm
ZENZANON-PE VARIOGON 70-140mm F4.5 ZOOM LENS	13-15	51.3°~28.8°	F4.5~32	0.25m	1 : 4.8	8~1/500·T	93mm	152.5×100mm 1,500g	43~86mm
ZENZANON-PE VARIOGON 125-250mm F5.6 ZOOM LENS	14-17	31.2°~16.4°	F5.6~32	0.76m	1 : 6.2	8~1/500·T	93mm	206×94mm 1,650g	77~154mm
ZENZANON-PE SUPER-ANGULON 55mm F4.5 PCS LENS	8-10	64°	F4.5~32	0.5m		8~1/500·T	104mm	157×104mm 1,650g	34mm
MACRO ZENZANON-E 100mm F4 LENS	4-6	38.4°	F4~32	0.61m	1 : 4	8~1/500·T	62mm	87×82mm 650g	60mm

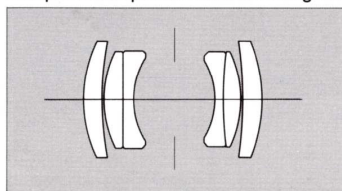
*Shutter: Electronic control SEIKO No.0 between-lens leaf shutter.

*Changes in specifications and/or designs may be made without advance notice.

MACRO ZENZANON-E 100mm F4



Designed on the basis of MTF optical theory, the lens has superior contrast and image quality, as well as natural color reproductions due to a new multi-coating. There is also superior rendition from the full aperture, as well as appealing out-of-focus effects in the background. With a minimum focus of 0.61 meter and a maximum image magnification of 1:4, aberrations at the near distance has been fully compensated, too. And, because there is also superior portrayal at infinity, too, the lens provides optimum results throughout its full range.



Lens construction: 4-groups 6-elements
Aperture: F4-F32
Angle of view: 38.4°
Minimum focus: 0.61m
Diaphragm: Fully automatic
Filter size: 62mm dia.
Leaf shutter: Electronic control SEIKO No.0, with speeds 8 to 1/500 sec. plus T (time exposure)
Size: 87mm long × 82mm max. dia.
Weight: 650 grams
35mm equivalent focal length: 60mm

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