BRONICA

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Produced & Designed by Bronica U.K.

BRONICA
MEDIUM FORMAT CAMERA SYSTEMS

The camera is a tool, used to translate the photographer's vision onto film. The medium format camera offers the best compromise between image size, quality and system flexibility, thereby enabling the photographer to achieve his aim with ease and speed. Each Bronica system camera offers all the components that enable a wide variety of assignments to be tackled.

Detachable film backs of various formats and film types enable films to be changed mid roll, a vital ability in professional work. The viewfinders on all models can be interchanged between the waist level and prism types. Metering prisms being an option with either aperture priority or manual metering.

For the rectangular formats, rotating prisms enable portrait shots to be achieved with ease, whilst reducing camera bulk.

The camera lens is the eye of the camera, and Zenzanon lenses do not compromise on colour balance, contrast and resolution. Bronica prides itself on its total production system, from computer aided design to manufacture, assembly and quality control. Computer simulation and MTF (Module Transfer Function) technology are used extensively during design, and together with Bronica's advanced multi-coating this ensures that ghosting, flare and other optical noise is eliminated.

Bronica Cameras blend together the latest advances in materials and electronics with tough ergonomic design, giving cameras that are light, yet rugged and easy to operate.

ETR-Si
6x4.5cm

With a combination of a 6x4.5 image and the renowned PE lenses, the Bronica ETR-Si is the natural up-grade for 35mm SLR camera users to the world of medium format.

The 6x4.5cm format is deservedly popular for its ideal proportions, its shape can be enlarged easily to 'fit' most popular paper sizes with minimal wastage. The ETR-Si system gives the 35mm user an easy introduction to the world of medium format, giving a relatively lightweight camera with full professional features, that is also affordable.

Although employing the traditional shape of a roll film SLR with interchangeable backs, the addition of a prism and grip to the camera makes it as easy to handle as a 35mm SLR. Aperture priority and manual exposure metering can be provided by the addition of the AE-111 Prism finder E, and full off-the-film-plane flash metering can be obtained with SCA 300 dedicated flashguns.

For those who require motorised film transport, the Motor Winder Ei provides a light and easily held combination as well as giving instant mirror return. If outright speed is not required, but comfortable hand holding is a priority, the Speed Grip E is the answer.

The Zenzanon PE series of lenses range from 30mm through to 500mm with two recently introduced zoom lenses, the 100-220mm and 45-90mm. Using MT based optical design and manufacturing techniques, these lenses offer exceptional performance in contrast, resolution and optical transmission.

ETR-Si

Zenzanon PE Lenses

Bronica PE 6x4.5 lenses have been designed and constructed with a desire to create the best combination of optical performance, durability, size and economy. PE lenses are renowned for giving the highest quality results required by the most discerning professional photographers.

All Bronica lenses use the Seiko #0 shutter, electronically governed to give highly accurate shutter speeds in all situations. Combine this accuracy with full flash synchronisation at all shutter speeds and perfect exposures are easy.

Lens	Lens Construction	Angle of View	Aperture	Min Focusing m.	Filter Size mm.	Size mm.	Weight g	35mm equivalent
35mm f3.5 Fisheye	8-11	180°	f3.5-22	0.27m	ø32.5	84.5xø95mm	900g	18mm
40mm f4	8-9	82.1°	f4-22	0.35m	ø62	50.5xø82mm	510g	24mm
50mm f2.8	7-9	69.7°	f2.8-22	0.46m	ø62	50.5xø82mm	490g	30mm
60mm f2.8	7-7	60.7°	f2.8-22	0.42m	ø62	54xø82mm	520g	36mm
75mm f2.8	5-6	49.7°	f2.8-22	0.6m	ø62	49.5xø82mm	440g	45mm
105mm f4.5 Macro	8-9	36.9°	f4.5-32	0.35m Mag1:1	ø67	104xø86mm	920g	63mm
135mm f4	4-6	29.1°	f4-32	1m	ø62	91.5xø82mm	750g	81mm
150mm f3.5	5-6	26.1°	f3.5-22	1.5m	ø62	71xø82mm	635g	90mm
180mm f4.5	8-9	21.9°	f4.5-32	1m	ø62	107.5xø82mm	840g	110mm
200mm f4.5	5-6	20.2°	f4.5-32	2m	ø62	109xø82mm	775g	120mm
250mm f5.6	6-6	16.2°	f5.6-45	3m	ø62	147xø82mm	910g	150mm
500mm f8	10-11	8.1°	f8-64	8m	ø122	318xø139mm	3,760g	300mm
45-90mm f4-5.6	10-11	76.6 - 43.4°	f4.5-32	0.5m at 45mm	ø95	108.5xø102.5mm	1,015g	28-55mm
100-220mm f4.8	13-16	38 - 18°	f4.8-32	1.0m Mag1:4.9	ø95mm	180.5xø106.5mm	1,940g	60-132mm
2x Teleconverter	6-7	1/2 of prime lens	exposure factor 4x	same as prime lens	–	53xø83mm	460g	–
1.4x Teleconverter	5-5	1/1.4 of prime lens	exposure factor 2x	same as prime lens	–	28xø83mm	300g	–

ETR-Si

ETR Accessories

ETR-Si

VIEWFINDERS
Waist Level Finder E
Prism Viewfinder E
Rotary Viewfinder E
AE 111 Prism Finder E

FILM BACK & ACCESSORIES
120 Ei Film Back
220 Ei Film Back
35mm Ei Film Back N (24 x 36)
35mm Ei Film Back W (24 x 54)
Polaroid Film Back E
Tripod Adaptor for Polaroid Back
Darkslide for Polaroid Back
Darkslide for 120/220 Ei
Case for 120/220 Filmback

GRIPS & DRIVES
Motor Winder Ei
Motor Drive Ei 11
Speed Grip E

FOCUSSING SCREENS
Microprism/Split Image Ei
Horizontal
Matte Ei
Grid Lines Ei
Micro Prism Ei
Split Image Ei
Microprism/Split Image 135 Ei
Matte 135 Ei
Micro Prism/Split Image Diagonal

EYE CORRECTION LENSES
For Plain Prism
For Waist Level
For Rotary Finder
For AE 111 Prism

LENS ACCESSORIES
Lens Hood PE for 40 & 50mm
Lens Hood PE for 75mm/60mm
Lens Hood for PE 105 - 250mm
Professional lens hood PE
Adaptor rings for Pro Hood
Front Lens Cap 62mm
Rear Lens Cap All lenses
Front Lens Cap 500mm E11
Skylight Filter 95mm

CLOSE UP FILTERS & ACCESSORIES
Close up +1 62mm
Close up +2 62mm
Extension Tube E 14mm
Extension Tube E 28mm
Extension Tube E 42mm
Auto Bellows Attachment E
SCA series 386 adaptor
M Bracket for SCA 386 adaptor
Cable Release E & SQ

Neck strap G/S/E
Body Cap E
Top Cover E
Finder Bottom Cover E
Rear Body Cover E
Battery Chamber Cover E
Hand Strap for Speed Grip E
Battery Chamber Cover
Rapid Focusing Lever E
Winding Crank E
Lens Hood Mask E
Eye Cup for Prism Finder E
Eye Cup for Rotary Finder
Wide Slide Mounts
Revolving Tripod Adaptor Spacer
Remote camera battery pack Ei
Battery Holder Motor Winder Ei

BRONICA

62mm C.U.L.-2

62mm C.U.L.-1

SQ-B
6x6cm

The Bronica SQ-B 6x6 SLR camera is fast becoming the workhorse of many serious photographers whose needs are to drive the camera, rather than the camera driving the photographer.

The Bronica SQ-B has been designed with the needs of the photographer in mind. The three elements of a good photograph: focusing, shutter speed and aperture are all available without any overriding electronics. You take charge of the camera by composing on the bright 6x6cm ground glass screen and selecting the exposure you require. The wide range of PS lenses are available for the SQ-B from the PS 35mm to the 500mm. Combine these fine lenses with a choice of backs, from 6x6 120 and 220, 6x4.5 120 and 220, 35mm normal, panoramic 24x54 and a Polaroid back and the SQ-B is obviously a true system camera.

The SQ-B will also accept all SQ-Ai viewfinders, however without metering facilities. Because of the features of the SQ-B it is an ideal entry level camera into the joys of 6x6cm medium format photography.

SQ-B

SQ-Ai
6x6cm

With an image area about 3.5 times larger than 35mm, the 6x6 format is favoured by many photographers for its size and versatility.

The SQ-Ai is the offspring of many years' development of Bronica medium format cameras, resulting in a truly versatile, high quality imaging tool with built-in reliability and endurance.

Interchangeable film backs make shooting simple, with easily loaded inserts and safety catches to prevent dark slides from being accidentally removed. There are seven different backs available for 120 and 220 roll film, 35mm and Polaroid film, with 6x6, 6x4.5, 35mm and 35mm wide formats covered.

The Zenzanon PS lenses compliment the SQ-Ai system with their faithful colour reproduction and legendary sharpness, thanks to Bronica's commitment to optical technology and performance. There are twelve models available from 35mm to 500mm plus 1.4x and 2x tele-converters.

Flash synchronisation is possible at all shutter speeds, thanks to electronic shutters which are built into every lens. The SQ-Ai also has through-the-lens (TTL) flash metering when used with SCA 300 series flashguns and full viewfinder information.

For the photographer in a hurry, there is an optional speed grip or motor drive available for speedy, accurate film transport. To further enhance the SQ-Ai, there are many more accessories to choose from, including prism and metering finders (ISO indexing from the interchangeable back), extension tubes, focusing screens, lens hoods and remote battery packs.

6x6cm photography is made simple and accurate with the Bronica SQ-Ai and by using the large range of SQ accessories, almost any picture taking situation can be completed with perfect results.

SQ-Ai

Zenzanon PS Lenses

Bronica PS 6x6 lenses are designed and constructed to the highest specifications. These lenses have become internationally recognised as some of the finest optical instruments developed for 6x6 cameras. Using Bronica original multi-coating, each PS lens will give a matched colour rendition and by reducing flare and ghosting, allows good photography even in poor conditions i.e. shooting against the light.

With a range of twelve lenses and two teleconverters, all focal lengths needed for medium format photography are covered.

The lens mount is fully compatible with all SQ cameras, including the SQ-B 6x6cm model.

Lens	Lens Construction	Angle of View	Aperture	Min Focusing m.	Filter Size mm.	Size mm.	Weight g	35mm equivalent
30mm f3.5 Fisheye	8-11	180°	f3.5-22	0.28m	ø32.5	91xø98mm	960g	19mm
40mm f4	8-11	87°	f4-22	0.4m	ø95	67.5xø98mm	650g	23mm
50mm f3.5	8-10	76°	f3.5-22	0.5m	ø77	61.7xø82mm	590g	28mm
65mm f4	7-9	62.3°	f4-22	0.6m	ø67	69.6xø82mm	665g	35mm
80mm f2.8	5-6	50.7°	f2.8-22	0.8m	ø67	52xø82mm	490g	45mm
110mm f4 Macro	4-6	40°	f4-32	0.66m Mag1:4	ø67	79xø83mm	685g	60mm
135mm f4	4-6	32.8°	f4-32	1m	ø67	79xø83mm	755g	76mm
150mm f4	4-6	29.5°	f4-32	1.5m	ø67	74xø83mm	750g	85mm
180mm f4.5	8-9	24.7°	f4.5-32	1m	ø67	96.0xø83mm	865g	100mm
200mm f4.5	5-7	22.8°	f4.5-32	2.5m	ø67	107xø83mm	870g	110mm
250mm f5.6	5-7	18.2°	f5.6-45	3m	ø67	150.2xø83mm	1,010g	135mm
500mm f8	10-11	9.2°	f8-64	8m	ø122	307.5xø139mm	3,760g	270mm
2x Teleconverter	6-7	1/2 of prime lens	exposure factor 4x	same as prime lens	–	64.4xø84mm	600g	–
1.4x Teleconverter	5-5	1/1.4 of prime lens	exposure factor 2x	same as prime lens	–	29xø84mm	370g	–

Zenzanon PS Lenses

SQ-Ai

FINDERS
Waist Level Finder S
*MF Finder S
Prism Finder S
*ME Prism Finder S
45 Degree Prism Finder S
*AE Prism Finder SQi

BACKS
SQAi Film Back 120 6 x 6
SQAi Film Back 220 6 x 6
SQAi Film Back J120 (6 x 4.5)
SQAi Film Back J220 (6 x 4.5)
35mm Si Film Back N (24 x 36)
35mm Si Film Back W (24 x 54)
Polaroid Film Back SQi
Dark Slide for 120/220 S
Dark Slide for Polaroid Back S

GRIPS & FOCUSING SCREENS
Speed Grip S
**Motor Drive SQ-Ai
Microprism/Split Image - S
Matte - S
Grid Lines - S
Micro Prism - S
Split Image - S
Microprism/Split Image 135-S
Matte 135-S

EYE CORRECTION LENSES
For Waist Level Finder
For AE & ME Prism Finder
For 45 degree Prism Finder

OTHER ACCESSORIES
Focus Lever - S
Windcrank - SQA
Eye Cup-/MF Finder S
Eye Cup/AE/ME Finder S
Cable Release E & SQ
Neck Strap G/S/E
Wide Slide Mounts
Body Cap - S
Camera Case (Soft)
Rear Protection Cap for Camera
SCA Series 386 Adaptor
M-Bracket for SCA 386 Adaptor
SQ-Ai Winding Crank
SQ-Ai Battery Holder
SQ-Ai Camera Base Cover
SQ-Ai Motor Drive Battery Holder
SQ-Ai Motor Drive Hand Strap
SQ-Ai Remote Camera Battery Pack
SQ-Ai Motor Drive Remote Cord
Eye cup small 45° finder S
Eye cup large 45° finder S
Finder Bottom Cover S

LENS ACCESSORIES
Lens Hood for 50mm PS
Lens Hood 65 PS & 80mm PS
Lens Hood for 110 & 150mm PS
Lens Hood for 200/250/135 PS
Pro Lens Hood PS 65 - 250mm
Adapter ring for Pro hood 67mm
Adapter ring for Pro Hood S
Pro Hood Mask
Front Lens Cap -S 67mm
Front Lens Cap S 77mm
Rear Lens Cap-S
Front Lens Cap PS 40mm
Front Lens Cap PS 500mm
Skylight Filter 67mm
Skylight Filter 95mm
Close Up Accessories
Close Up Lens + 1 67mm
Close Up Lens + 2 67mm
Auto Extension Tube 18mm
Auto Extension Tube 36mm
Auto Bellows - S

*   Full metering on SQ-Ai. No metering on SQ-B model
**   Only for SQ-Ai

SQ Accessories

SQ-Ai

GS-1
6x7cm

The 6x7cm format is considered to be the ideal format. The Bronica GS-1 is considered by many to be the ultimate 6x7 camera.

The Bronica engineering group developed the GS-1 with the photographer in mind: 6x7 image with capabilities of 6x6, 6x4.5, and Polaroid interchangeable backs: leaf shutter lenses, for full flash synchronisation at all shutter speeds: the most compact 6x7 SLR body, which can be adapted for manual and highly accurate automatic exposures.

The GS-1 is at home in the studio or on location, with the addition of a speed grip the camera is as easy to operate as a 35mm SLR.

The GS-1 is the only 6x7 camera which automatically adjusts the flash by directly metering light through the lens off-the-film-plane when using the Speedlight G-1 flashgun.

The GS-1 has a choice of viewfinders, either waist level finder, prism finder or two metering prisms, allowing both high accuracy and ease of operation. All backs for the GS-1 give film speed index which allows rapid changes of backs and different film speeds automatically indexing the metering prism.

Lenses for the GS-1 range from 50mm to 500mm and two matched tele-converters 2.0x and 1.4x. Each lens uses the Seiko #0 electronic shutter. This shutter, developed by Bronica, gives a degree of accuracy not available before on this type of camera.

The range of focusing screens, close-up attachments, lens hoods and other accessories make the GS-1 system one of the most advanced 6x7 cameras available today.

A full system 6x7 SLR camera which is as comfortable in the studio as it is on location. The range of accessories and lenses makes this system ideal for the busy photographer on the move.

GS-1

Zenzanon PG Lenses

To compliment the Bronica GS-1 camera system, a wide range of accessories and high quality Zenzanon PG lenses are available.
No matter whether the camera is being used as a location or a studio camera, there is an accessory to cover every task.

VIEWFINDERS
Waist Level Finder G
Prism Finder G
AE Prism Finder G
AE Rotary Finder G

FILM BACKS & ACCESSORIES
Film Back GS 120 (6 x 7)
Film Back GS 220 (6 x 7)
Film Back GS 120 (6 x 6)
Film Back GS 220 (6 x 6)
Film Back GS 120 (6 x 4.5)
Film Back GS 220 (6 x 4.5)
Polaroid Film Back G
Darkslide G for 120/220
Darkslide G for Polaroid

GRIP & FOCUSSING SCREENS
Speed Grip G
Matte G
Microprism/Split G
Microprism G
Split Image G
Matte (6 x 6, 6 x 4.5) G
Split (6 x 6, 6 x 4.5) G
Grid Lines

EYE CORRECTION LENSES
For Waist Level Finder
For AE & Prism Finder
For Rotary AE Prism G

LENS ACCESSORIES
Professional Lens Hood G
Pro Hood Mask for 150/250mm
Adaptor Ring 82mm Pro Hood
Adaptor Ring 95mm Pro Hood
Lens Hood G for 65mm
Lens Hood G for 100mm
Lens Hood G for 150mm
Lens Hood for 200/250mm
Lens Case G for (65 -150mm)
Front Lens Cap G for 50mm
Front Lens Cap G (65 - 150mm)
Front Lens Cap G (200 - 250mm)
Rear Lens Cap G (All lenses)
Skylight Filter 72mm
Skylight Filter 82mm
Close up Lens +1 72mm
Close up Lens +2 72mm
Auto Extension Tube G (18mm)
Auto Extension Tube G (36mm)
Auto Bellows G

OTHER ACCESSORIES
Revolving Tripod Adaptor
Focus Lever G
Windcrank G
Speedlight G-1 (clip on)
Electro Magnetic Cable Release
Eye Cup G (AE Prism)
Neck Strap G/S/E
Camera Case G
Film Back Case
Film Holder Case G
Finder Bottom Cover G
Camera Rear Cover G
Body Cap G
Camera Top Cover G
Camera Base Cover G
Battery Chamber Cover G
Synchro Contact Cover G
Camera Bottom Terminal Cover G
Camera Bottom Coupler Cover G
Winder Cover G
External Cable Release Cover G
Wide Panel for Speedlight G-1
Flash synchro cord for Speedlight
Battery chamber cover for Speedlight

Lens	Lens Construction	Angle of View	Aperture	Min Focusing m.	Filter Size mm.	Size mm.	Weight g	35mm equivalent
50mm f4.5	8-11	83°	f4.5-22	0.5m	ø95	74xø98mm	790g	25mm
65mm f4	7-9	68.5°	f4-22	0.6m	ø72	71xø87mm	715g	33mm
80mm f3.5	6-8	58.6°	f3.5-22	0.55m	ø72	71.5xø87mm	755g	40mm
100mm f3.5	4-6	48°	f3.5-22	0.75m	ø72	67.5xø87mm	630g	50mm
110mm f4 Macro	4-6	44.5°	f4-32	0.66m Mag1:4	ø72	78.5xø87mm	725g	55mm
150mm f4	5-5	33°	f4-22	1.5m	ø72	62xø87mm	650g	75mm
200mm f4.5	5-6	25.5°	f4.5-32	2m	ø82	97.5xø87mm	970g	100mm
250mm f5.6	5-6	20.5°	f5.6-32	3m	ø82	142xø87mm	1,200g	125mm
500mm f8	10-11	10.3°	f8-64	8m	ø122	307.5xø139mm	3,760g	250mm
2x Teleconverter	6-7	1/2 of prime lens	exposure factor 4x	same as prime lens	–	64.4xø89mm	680g	–
1.4x Teleconverter	5-5	1/1.4 of prime lens	exposure factor 2x	same as prime lens	–	29xø89mm	420g	–

GS-1 Accessories

GS-1