

 **FUJIFILM**
I&I - Imaging & Information

GX680III

Professional

Multi-Format Motor Drive Single Lens Reflex.



Barcode
scanning
system



FUJIFILM GX680III Professional Specifications * New in these model

Camera type	6x8cm lens shutter SLR					
Frame sizes	*Multi-format, with horizontal/vertical revolving film holder. Standard frame format : 6x8cm (2.4x3.2"), actual image size : 56x76mm (2.2x3.0"). *With format masks : 6x7cm (2.4x2.8"), actual image size : 56x69mm (2.2x2.7"); 6x6cm (2.4x2.4"), actual image size : 56x56mm (2.2x2.2"); 6x4.5cm (2.4x1.8"), actual image size : 56x41.5mm (2.2x1.6"). ※					
Usable roll film and number of frames		6x8	6x7	6x6	6x4.5	Instant film (FP 100C or 100B or equivalent) usable with special instant film holder.
	120 1/2 film	4 frames	6 frames	6 frames	8 frames	
	120 film	9 frames	10 frames	12 frames	16 frames	
	220 film	18 frames	20 frames	24 frames	32 frames	
Lenses	Interchangeable Standard lens: EBC Fujinon GX M 135mm F5.6. Mount type: Interchangeable lens boards. Filter diameter: screw-in type 82mm, top mount type 85mm *GX M lenses have built-in memory for total number of shots taken.					
Shutter	Size 1 electronically controlled lens shutter with aperture control and stop-down levers. Shutter cocking and release with built-in shutter motor.					
Flash synchronization	X contact, synchronizes at all speeds, Hot shoe and synchro socket on camera body, with synchro test button.					
Shutter release	Electromagnetic release; optional remote releases : 1m (3.3'), 5m (16.4').					
Mirror	Automatic instant-return mirror, motor-driven; electromagnetic up/down movement with up/down switch.					
Multiple exposures	After a multiple exposure, film must be wound forward with film advance button.					
Viewfinder	SLR type waist-level screen. Interchangeable focusing screens (micro-matte type screen standard). *Screen for formats other than 6x8 optional. One-touch folding type hood standard. Built-in magnifying lens (2.5 x, -1 diopter correction lens standard). Optional -4, -3, -2, 0, +1, +2, +3 diopter correction lenses. Field of view 97% of actual picture; frame coverage larger than 8x8cm(3.2x3.2"). Horizontal/vertical position indicator in viewfinder, coupled to revolving film holder.					
Film advance	Automatic advance to 1st frame (no start mark alignment needed). Motor drive with single, continuous and multiple exposure modes. Warning buzzer sounds at last frame. Film advance speed approx. 1sec/frame (6x8 format).					
Film counter	In film holder LCD; counts upward.					
Focusing	Bellows extension with dual left/right focusing knobs and focus lock lever. Max. bellows extension 65mm (2.6"); optional extension rails attachable: 40mm (1.6"), 80mm (3.2") lengths. Interchangeable bellow ; wide-angle bellows optional.					
Bellows movements	(Not available in model GX680 IIIS) Shift :15mm (0.59") left/right, Rise : 15mm (0.59"), Fall :13mm (0.51"), Swing left/right :12 degrees.Tilt up/down 12 degrees (When different movements are combined, not all max. values may be achieved with some lenses due to board displacement and rotation.)					
Exposure metering	Direct metering of light reflected from film plane; over/under-exposure warning, meter range ISO 100 EV5 to 19. Values shown on camera, LCD-Warning sound when using remote shutter release.					
Acoustic warnings	(1) Last frame warning (2) Over/under-exposure warning (adjustable volume for use with remote release) (3) Camera malfunction warning.					
Camera LCD values	Power on/off, standby mode, battery condition, over/under-exposure warning, camera malfunction warning.					
*Power source	9V DC from 3 lithium batteries, type CR123A.					
Other features	Level (bubble type). Large format camera lenses usable with optional LF lens board adapter-Linhof Technica type lens board supplied. Mirror must be up when using large format camera lenses.					
Dimensions	GX680 III : 188 x 222 x 213mm (7.4x8.7x8.4") ; 2,690 grams (94.9oz). GX680 IIIS : 188 x 222 x 187mm (7.4x8.7x7.4"); 2,350 grams (82.9oz). (Camera body with viewfinder hood, standard bellows, focusing screen; without batteries). GX680 III : 188 x 274 x 213mm (7.4x10.8x8.4"); 4,070 grams (143.6oz). GX680 IIIS : 188 x 274 x 187mm (7.4x10.8x7.4"); 3,720 grams (131.2oz). (Camera body with standard accessories, Fujinon GX M135mm lens, film holder III, 120 pressure plate, without batteries).					
Supplied accessories	Folding type viewfinder hood, standard bellows, focusing screen, front & rear body covers, lithium batteries (3 pcs.).					
*Film holder	Interchangeable; revolving type-120/220 film switch by exchanging pressure plate.					
(Roll Film Holder III)	Automatic advance to 1st frame. Film speed settings in 1/3 increments (ISO 25 to 3200). Ready for barcode system film (automatic barcode scanning and ISO film speed and film type settings) Data recording in unused film area (date/time, exposure data, shot number) LCD display (frame counter, date/time, exposure data, format in use, battery condition, total shot count, 120/220 film length, camera self-diagnostics) Backlit LCD (electro-luminescent) Multi-format through interchangeable masks. Dark sliding pocket, memo pad, film tag Power source: 2 lithium batteries type CR2 or equivalent.					

※ The GX680III has been engineered for multi-format capability in addition to its standard 6x8 format. When using the camera at wide open lens apertures with the optional multi-format masks installed (other than 6x8 format), the frame edges may appear to be slightly soft along certain parts of the frame. This will not affect picture quality.

* Specification are subject to change without notice.



FUJIFILM

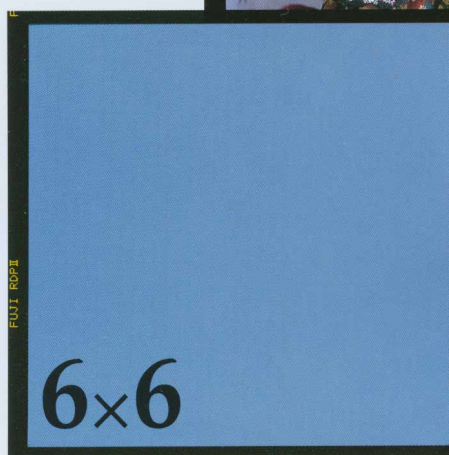
FUJI PHOTO FILM CO., LTD.

26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620, JAPAN

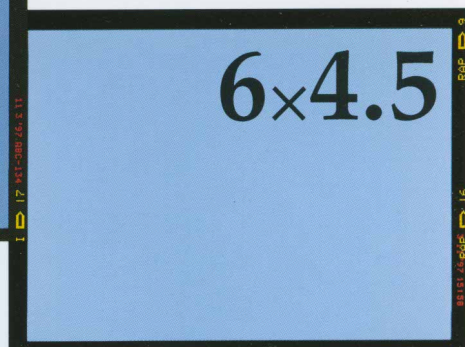
6×8



6×7



6×6



6×4.5

Multi- Motor Drive Single Lens Reflex. format.

What's at the core of professional photography?

What do professional photographers really expect from a medium format camera system?
What does it take to provide the maximum value and versatility that pros of today and tomorrow will demand?

These were some of the questions that guided the design of the new GX680III Professional.

Certainly, basic qualities such as functionality, reliability and image quality would have to be raised to new levels. But the camera should also encourage its user to try an ever widening range of creative possibilities, while easing the everyday workload as much as possible.

To expand this creative range, there should be a choice of multiple formats.

Thus, the GX680III Professional was created. It not only offers four medium formats, its motor drive also advances the film to the first frame automatically.

It has all professional bellows movements such as swing, tilt, shift, rise and fall.

It makes full use of EBC Fujinon lenses' superb optical qualities.

The GX680 III Professional.

Here's why it can become every professional's first choice.



GX680 III
Professional

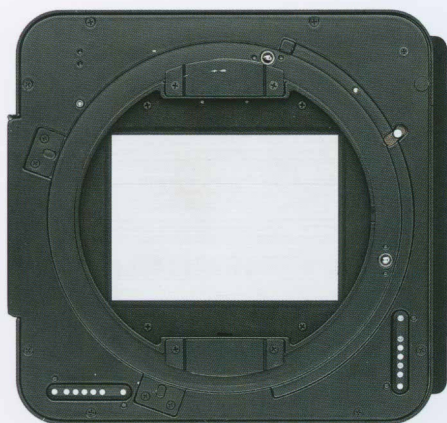


Lightweight, compact without the extra bellows movement functions.

GX680 III S
Professional

One camera does it all. Multiple formats, with

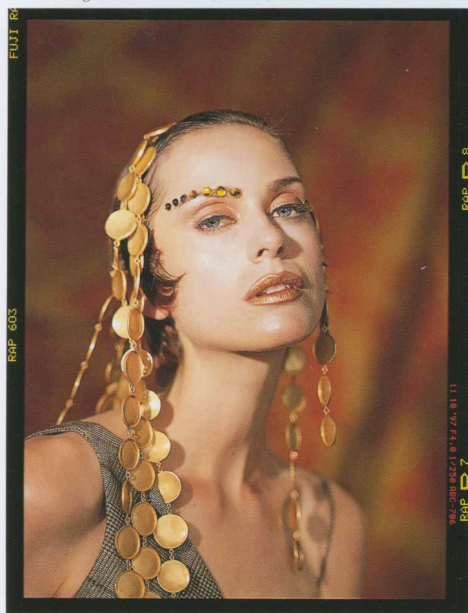
Factory-set for 6x8cm (2.4x3.2"), the unique film holder also accepts any of three supplied format masks for easy switching not only to the highly popular 6x7 format, but also to 6x6 or 6x4.5, providing a choice of four formats. The camera detects which format is being used, adjusting the available number of frames automatically. Now, with just one camera, you can select the most suitable format for any job; portraits, product photography, landscapes and other outdoor shooting, on-location work such as weddings, commercial photography – one of the four formats will fill the particular situation perfectly.



The 6x8cm format provides excellent framing possibilities and needs hardly any cropping for enlargements or professional printing on the most common paper sizes. The available image area is used very efficiently.

(9 frames on 120 film, 18 frames on 220)

Actual image size 56 x 76mm (2.2x3.0")



6x8



Advanced motor drive with high precision frame advance control automatically adjusts to selected format.

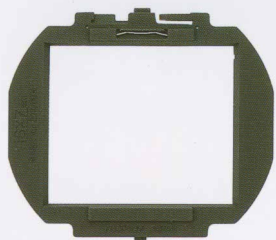
When film is loaded, a sensor detects the starting point of the actual film and advances it accurately to the first frame. Then, for each successive frame, signals are generated by an encoder in the revolving counter-roller, indicating the amount of film advanced and enabling accurate electronic control and precise positioning with equal gaps between frames. As this is performed automatically in accordance with the format mask in use (none for 6x8), you only attach the mask you want and leave everything else up to the camera. For the first time, Fujifilm's advanced sensor and electronic control technologies have made a truly professional multi-format camera possible.

* Format change requires removal of the film holder.



high precision motor drive.

Format Mask 6x7cm (2.4x2.8")



Focusing Screen 6x7cm (2.4x2.8")

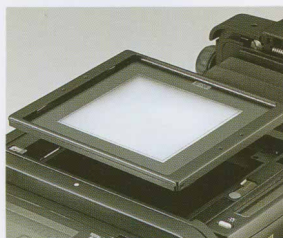
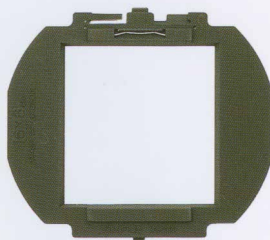
Aspect ratio very close to many print formats, suitable for shots that will be printed. Also for studio photography such as portraits and other commercial work or for fashion.

Actual image size 56x69mm (2.2x2.7")



6x7

Format Mask 6x6cm (2.4x2.4")



Focusing Screen 6x6cm (2.4x2.4")

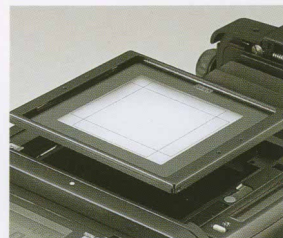
Because there is no horizontal - vertical distinction, this format delivers the greatest freedom for framing and cropping. A format of true flexibility.

Actual image size 56x56mm (2.2x2.2")



6x6

Format Mask 6x4.5cm (2.4x1.8")



Focusing Screen 6x4.5cm (2.4x1.8")

Preferred for location work portraits and weddings, where a large number of shots are taken. Precision film advance gives 16 frames per 120 roll, 32 frames per 220 roll.

Actual image size 56x41.5mm (2.2x1.6")



6x4.5

From lens to film, all functions and details are

Film

Barcode system makes use of important film information.

As a leading manufacturer of both cameras and film, Fujifilm developed this system for unprecedented operational ease and safety. A barcode label on the film is read by a sensor in the film holder for automatic setting of film speed, film type, etc. Also, Fujifilm's EasyLoading system makes for quick, error-free film loading.

Holder

The heart of the new GX680III system, the new "multi-functional" Film holder III incorporates numerous new technologies such as a sensor that reads and also displays barcode information from the film; gathering information from the camera and lens. A large LCD indicates camera readiness, settings and malfunctions, etc. Separate shot counts for the film holder and lens are displayed. The film holder uses two lithium batteries type CR-2.

Electronically controlled lens shutter with flash synchro at all speeds

Flash synchronization at all shutter speeds opens up new ways of using flash lighting creatively. Fujifilm's lens shutter boasts extremely high precision and reset capability as well as rugged reliability for heavy duty use.

PC interface provided

The interface connector on the camera permits data transfer to a personal computer.

Camera easy to grip by hand

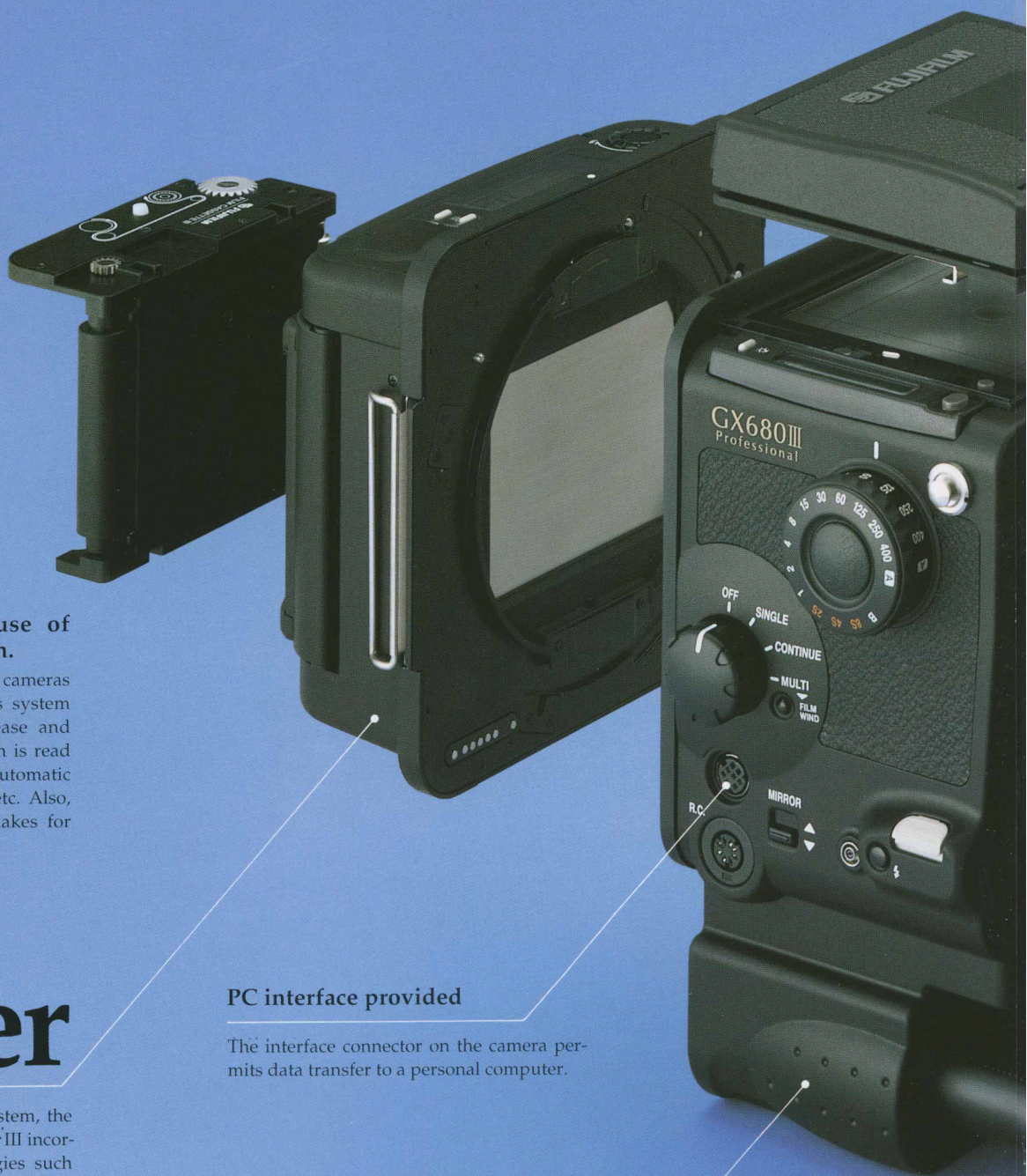
The GX680III is easy and safe to hand-hold too, with its newly designed body featuring a special contour in the camera bottom (rail bed).

Body

Lithium batteries last for thousands of shots.

Three lithium batteries (type CR123A) in the camera body provide power for 3000 shots before needing replacement.

(measured under Fujifilm laboratory conditions)



designed for truly professional use.

Viewfinder

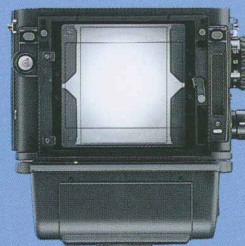
Waist level viewfinder shuts out stray light

The focusing screen stays clearly visible even in brightly lit surroundings, making delicate, precise focusing an easy task.



Easy changeover between horizontal and vertical

To change from horizontal to vertical position, simply turn the revolving film holder 90 degrees. The viewfinder mask, coupled to the revolving film holder, automatically changes to the correct position. This happens regardless of the format used. Separate, specialized focusing screens are provided for the 6x7, 6x6 and 6x4.5cm formats for optimum ease of framing and focusing under all conditions.



Lenses

The new Fujinon GX M series lenses now have a built-in shot count memory.

All frequently used dials are made of rubber for swift, slip-free adjustments.

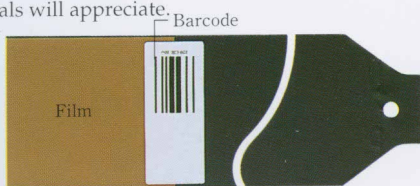


The "Intelligent" Roll Film Holder III. It even finds it



Equipped with barcode reading sensor

When a film with a barcode label is loaded, the film holder's built-in barcode scanner reads the film speed from the label and adjusts the camera settings accordingly. It also distinguishes between 120 and 220 film lengths and adjusts the light intensity for data recording according to film type. A Fuji-film invention that time-pressed professionals will appreciate.



Films with the barcode system are distinguished by this logo on the package.

*The barcode system only works with films made for it. Other films can be used in the conventional way.

One film holder handles 120 and 220 roll films

To change from 120 to 220 roll film (or back), only an interchangeable film cassette needs to be snapped in, without changing the film holder itself. A time and money saving feature.

Cassette for 120 roll film

Cassette for 220 roll film

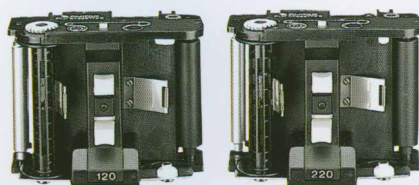


Image size (when using format mask)

*All displayed items are shown in this picture for illustrative purposes.

Up/Down dial



Readiness and camera status are clearly visible in the display

Icons in the large liquid crystal display clearly indicate when the camera is ready for shooting. Lens attached? Sliding cover in place or removed? Blinking marks warn you if something is not ready or malfunctioning. Other data shown include frame number, format in use, etc. One glance, and you know everything is in order.



Standby monitor informs of incorrect exposure settings



The camera's standby monitor alerts you when the batteries are low or incorrect exposure values have been set. When using a remote shutter release, there will be an audible warning for these situations.

LCDs now backlit for better visibility

The liquid crystal displays in the camera body and in the film holder are now equipped with back lighting for easier readability in low light conditions such as a relatively dark studio.

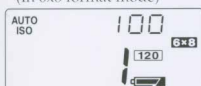


its way to the first frame automatically.

Automatic film advance to the first frame

When film is loaded, the film holder automatically advances it to the first frame. At the last frame, a warning buzzer sounds, and when the last frame has been shot, the film is automatically wound forward to the takeup spool. All film winding operations are automated, leaving you free to concentrate on the more creative aspects of your work.

(In 6x8 format mode)



* Film advanced to 1st frame (by film holder alone)



* Last frame alert



* Film winding complete (Icon flashes)

Last frame alert buzzer (Warns that last frame on film has been reached.)

	6X8	6X7	6X6	6X4.5
120	9EXP	10EXP	12EXP	16EXP
220	18EXP	20EXP	24EXP	32EXP



Shot counters on camera, lenses and film holder

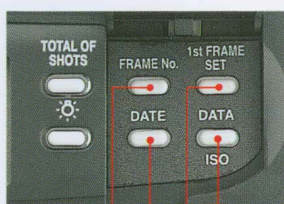
The camera, lenses and film holder are equipped with individual shot counters. Shot counts (in units).



Lens shot count
LCD's lens section
flashes



Camera body shot count
LCD's camera body
section flashes



Frame number button
Date button
Data/ISO button
1st frame setting button

Data recording

Date, time and exposure data as well as a 6-digit frame number can be recorded in the unused film area. Instead of numerals, any combination of letters, for example your initials, can be used as the first three digits of the frame number, giving you a convenient way to establish your copyright credits. When using film ready for the bar-code system, the light intensity for data recording is adjusted to the film type automatically. Data is crisp and clearly visible on black-and-white film, too.



(Data recording)

Recordable data are (1) day, month, year; (2) hour, minute; (3) F-stop, shutter speed, (4) frame number. Other settings are "No data recording," "Items (1) and (2) only," "All items (1) to (4)," or a freely selectable combination of items. The order of items, however, is fixed. When using the 6x4.5cm format, for reasons of limited film space, only one of the following five data patterns can be selected: <day, month, year> <hour, minute> <day, month, year, hour, minute> <F-stop, shutter speed> <frame number>



Bellows movements open up a myriad of creative Unique for a motor drive single lens reflex, the

The lens plane can be freely moved about as in a large-format view camera. These movements include tilt and swing by up to 12 degrees, rise by 15mm (0.6"), fall by 13mm (0.5"), and sideways shift by 15mm in either direction. Professional photographers value these lens movements as highly desirable and often absolutely necessary tools in many situations including portraits, landscapes, architectural photography, product shots and many more.

Rise/Fall

Often used to compensate for unnatural perspective ("escape lines") in architectural work (tall buildings) and portraits.



Tilt

Tilt can increase the apparent depth of an object. Very effective in close-up photography of industrial products, foods, etc..



possibilities.

GX680III permits full bellows adjustments.



Shift

Popular for avoiding reflections in glass panes, etc. without having to reframe.

Swing

Creates a stronger impact in product photography by emphasizing perspective. Can also produce a greater depth of focus from close up to far away.



GX680III
Professional



GX680IIIS
Professional

Lightweight and compact without the extra lens movements:
the GX680IIIS Professional



This model shares all the great features of the GX680III Professional – multi-format, motor drive, bar code system – but without the additional bellows movements. Lighter and more compact, it is ideally suited to outdoor and portrait photography and all situations requiring speedy, hand-held shooting and dynamic response

The superb optical performance of EBC Fujinon lenses now teams up with a built-in shot count memory. The new GX M series.

These interchangeable lenses with lens shutters now have built-in shot counters. All are multi-coated in Fujifilm's exclusive EBC (Electron Beam Coating) process, virtually eliminating ghost images and flare and ensuring superior light permeability. Sharpness, compensation of optical aberrations, color fidelity -- these lenses meet the strictest demands in every respect.

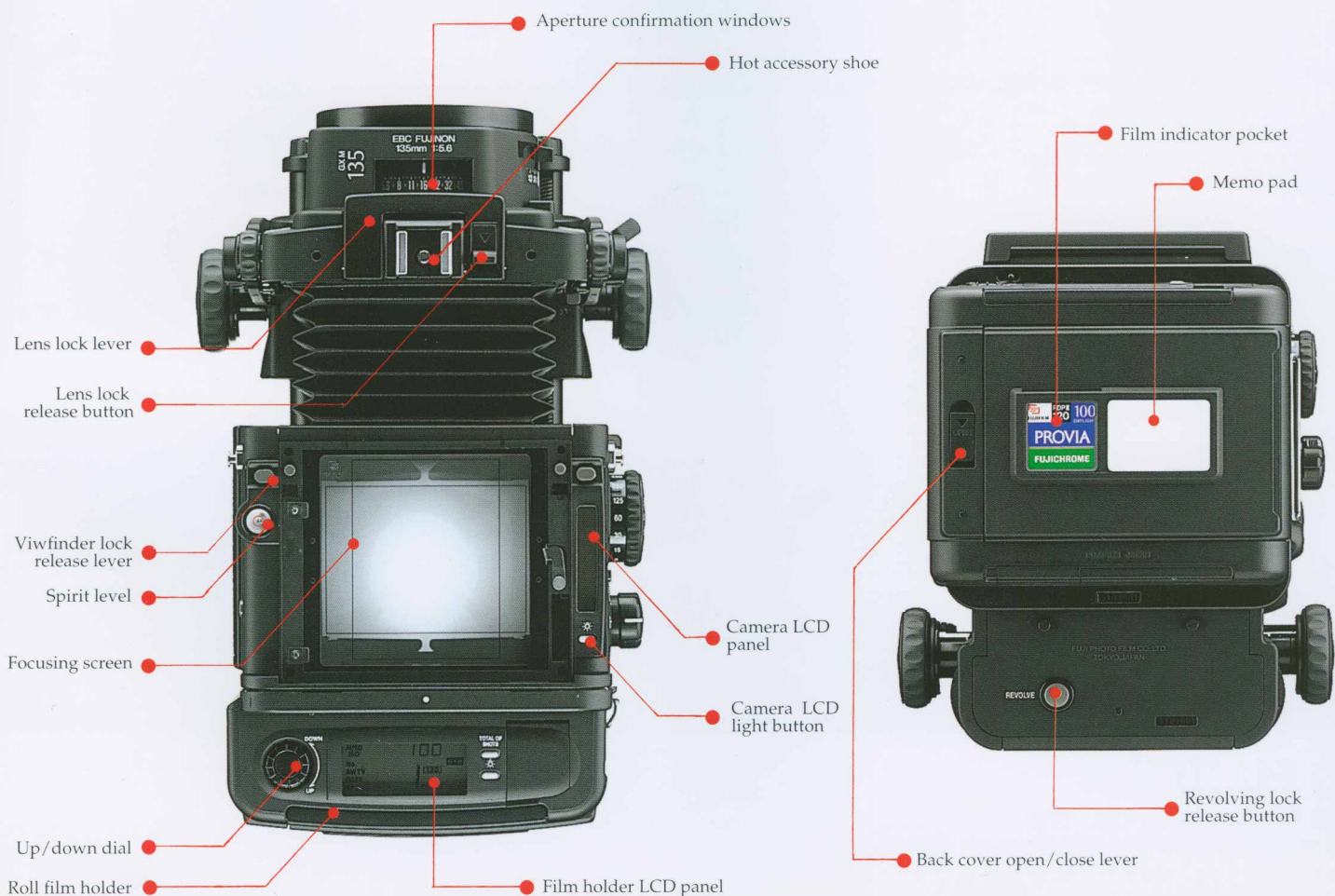
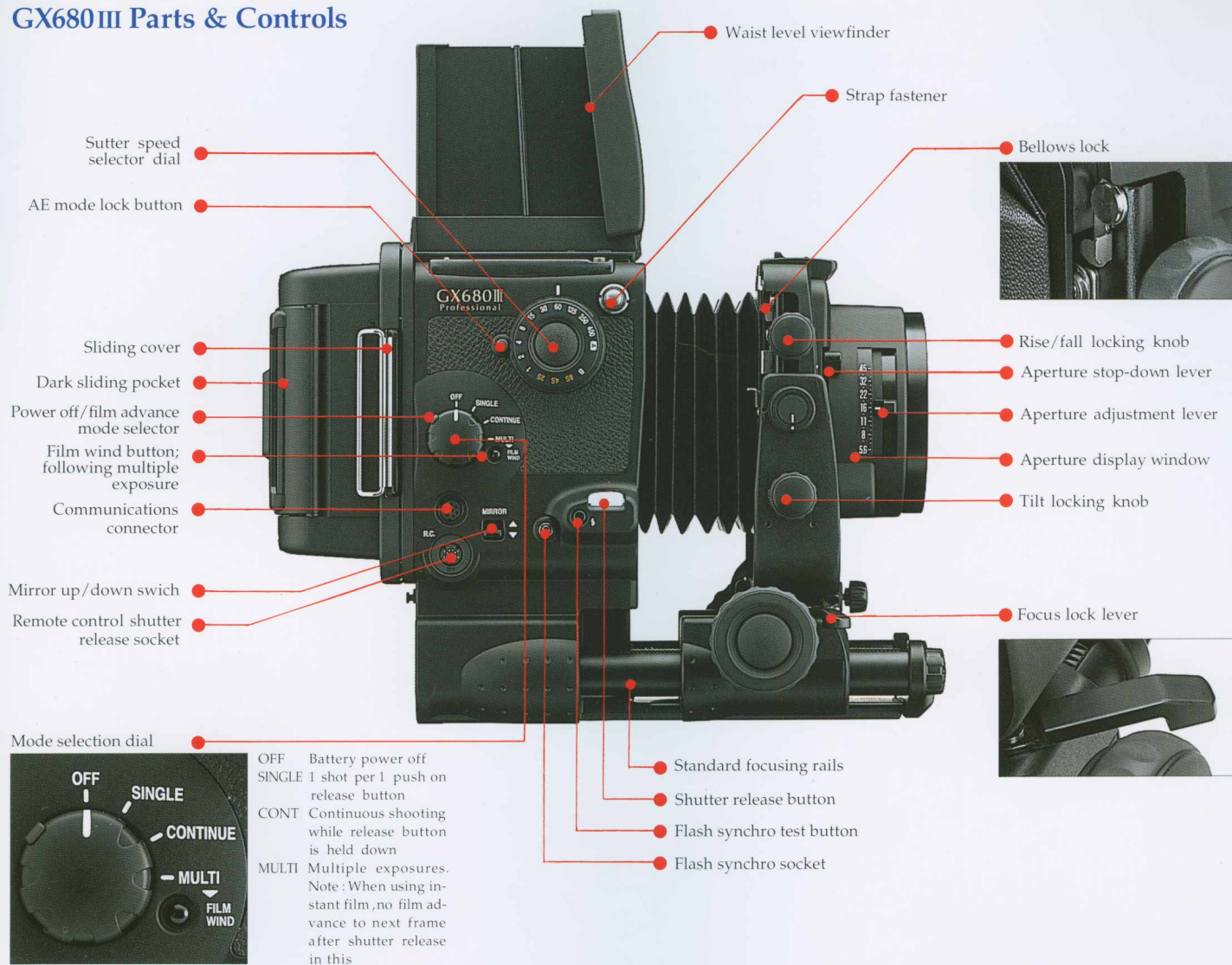
* The GX680III cameras also accept all Fujinon GX series lenses (without shot counters).

		GX M 50mm 1:5.6	GX M 65mm 1:5.6	GX M 80mm 1:5.6	GX M 100mm 1:4	GX MD 115mm 1:3.2
						
Super EBC Fujinon lens		GX M50mm 1:5.6	GX M65mm 1:5.6	GX M80mm 1:5.6	GX M100mm 1:4	GX MD115mm 1:3.2
Lens construction ... elements in ... groups		12 elements in 9 groups	10 elements in 9 groups	8 elements in 8 groups	8 elements in 8 groups	8 elements in 6 groups
Field angle with 6x8 format ... degrees		86.7°	72.0°	61.1°	50.5°	44.6°
Equivalent focal length in 6x7 format ...mm		47mm	61mm	75mm	94mm	108mm
Equivalent focal length in 6x6 format ...mm		42mm	55mm	67mm	84mm	96mm
Equivalent focal length in 6x4.5 format ...mm		37mm	48mm	59mm	74mm	85mm
Equivalent focal length in 4x5" format ...mm		81mm	105mm	130mm	162mm	186mm
Equivalent focal length in 35mm format ...mm		23mm	30mm	37mm	46mm	53mm
Shutter		Seiko #1 electronically controlled lens shutter				
Min. f-stop		45				32
With standard rail	Min. focusing distance	0.31m (1.02')	0.35m (1.15')	0.39m (1.28')	0.47m (1.54')	0.50m (1.64')
	Magnification at min.distance	1.21	0.90	0.77	0.59	0.55
	Image size	4.6x6.3cm	6.2x8.4cm	7.3x9.9cm	9.5x12.9cm	10.1x13.7cm
With 40mm extension rail	Min. focusing distance	0.33m (1.08')	0.36m (1.18')	0.39m (1.28')	0.44m (1.44')	0.46m (1.51')
	Magnification at min.distance	2.01	1.51	1.27	0.98	0.90
	Image size	2.8x3.8cm	3.7x5.0cm	4.4x6.0cm	5.7x7.8cm	6.2x8.4cm
With 80mm extension rail	Min. focusing distance	0.36m (1.18')	0.38m (1.25')	0.41m (1.35')	0.45m (1.48')	0.47m (1.54')
	Magnification at min.distance	2.81	2.13	1.77	1.38	1.25
	Image size	2.0x2.7cm	2.6x3.6cm	3.2x4.3cm	4.1x5.5cm	4.5x6.1cm
Filter diameter (screw-in type)		112mm	95mm		82mm	95
Dimensions (HxWxL)		101x107x125mm (4.0x4.2x4.9")	101x107x116mm (4.0x4.2x4.6")	101x107x113mm (4.0x4.2x4.5")	101x107x101mm (4.0x4.2x4.0")	101x107x95mm (4.0x4.2x3.7")
Weight		1,250g (44.1oz)	1,190g (42.0oz)	1,100g (38.8oz)	910g (32.1oz)	870g (30.7oz)
		GX M 125mm 1:5.6	GX MD 125mm 1:3.2	GX M 135mm 1:5.6	GX M 150mm 1:4.5	GX M 180mm 1:5.6
						
Super EBC Fujinon lens		GX M125mm 1:5.6	GX MD125mm 1:3.2	GX M135mm 1:5.6	GX M150mm 1:4.5	GX M180mm 1:5.6
Lens construction ... elements in ... groups		6 elements in 5 groups	8 elements in 6 groups	6 elements in 6 groups	6 elements in 4 groups	6 elements in 6 groups
Field angle with 6x8 format ... degrees		41.4°	41.4°	38.5°	34.9°	29.4°
Equivalent focal length in 6x7 format ...mm		118mm	118mm	127mm	141mm	169mm
Equivalent focal length in 6x6 format ...mm		105mm	105mm	113mm	126mm	151mm
Equivalent focal length in 6x4.5 format ...mm		92mm	92mm	100mm	111mm	133mm
Equivalent focal length in 4x5" format ...mm		203mm	203mm	219mm	243mm	292mm
Equivalent focal length in 35mm format ...mm		57mm	57mm	62mm	69mm	82mm
Shutter		Seiko #1 electronically controlled lens shutter				
Min. f-stop		45	32	45		64
With standard rail	Min. focusing distance	0.57m (1.87')	0.55m (1.80')	0.64m (2.10')	0.72m (2.36')	1.18m (3.87')
	Magnification at min.distance	0.47	0.51	0.43	0.42	0.23
	Image size	11.9x16.2cm	11.0x14.9cm	13.0x17.7cm	13.3x18.1cm	24.3x33.0cm
With 40mm extension rail	Min. focusing distance	0.51m (1.67')	0.50m (1.64')	0.55m (1.80')	0.62m (2.03')	0.84m (2.76')
	Magnification at min.distance	0.79	0.83	0.73	0.69	0.45
	Image size	7.1x9.6cm	6.7x9.15cm	7.7x10.4cm	8.1x11.0cm	12.4x16.9cm
With 80mm extension rail	Min. focusing distance	0.50m (1.64')	0.49m (1.61')	0.54m (1.77')	0.60m (1.97')	0.75m (2.46')
	Magnification at min.distance	1.11	1.15	1.02	0.96	0.67
	Image size	5.0x6.8cm	4.8x6.6cm	5.5x7.8cm	5.8x7.9cm	8.4x11.3cm
Filter diameter (screw-in type)		82mm	95mm	82mm		
Dimensions (HxWxL)		101x107x80mm (4.0x4.2x3.2")	101x107x96mm (4.0x4.2x3.8")	101x107x79mm (4.0x4.2x3.1")	101x107x91mm (4.0x4.2x3.6")	101x107x104mm (4.0x4.2x4.1")
Weight		545g (19.2oz)	895g (31.6oz)	565g (19.9oz)	705g (24.9oz)	800g (28.2oz)
		GX MD 180mm 1:3.2	GX M 210mm 1:5.6	GX M 250mm 1:5.6	GX M 300mm 1:6.3	GX M SF 190mm 1:8
						
Super EBC Fujinon lens		GX MD180mm 1:3.2	GX M210mm 1:5.6	GX M250mm 1:5.6	GX M300mm 1:6.3	GX M SF190mm 1:8
Lens construction ... elements in ... groups		7 elements in 5 groups	5 elements in 5 groups	5 elements in 4 groups	5 elements in 5 groups	3 elements in 3 groups
Field angle with 6x8 format ... degrees		29.4°	25.3°	21.4°	17.9°	27.9°
Equivalent focal length in 6x7 format ...mm		169mm	198mm	235mm	282mm	179mm
Equivalent focal length in 6x6 format ...mm		151mm	176mm	210mm	252mm	159mm
Equivalent focal length in 6x4.5 format ...mm		133mm	155mm	185mm	221mm	140mm
Equivalent focal length in 4x5" format ...mm		292mm	340mm	405mm	486mm	308mm
Equivalent focal length in 35mm format ...mm		82mm	96mm	115mm	137mm	87mm
Shutter		Seiko #1 electronically controlled lens shutter				
Min. f-stop		32	64			
With standard rail	Min. focusing distance	0.97m (3.18')	1.43m (4.69')	2.56m (8.40')	3.45m (11.32')	1.52m (4.99')
	Magnification at min.distance	0.30	0.22	0.12	0.11	0.17
	Image size	18.5x25.2cm	25.5x34.5cm	46.7x63.3cm	50.9x69.1cm	32.9x44.7cm
With 40mm extension rail	Min. focusing distance	0.75m (2.46')	1.02m (3.35')	1.45m (4.76')	1.92m (6.30')	0.95m (3.12')
	Magnification at min.distance	0.52	0.41	0.28	0.24	0.38
	Image size	10.7x14.5cm	13.7x18.5cm	20.0x27.1cm	23.3x31.7cm	14.7x20.0cm
With 80mm extension rail	Min. focusing distance	0.69m (2.26')	0.89m (2.92')	1.17m (3.84')	1.52m (4.99')	0.82m (2.69')
	Magnification at min.distance	0.75	0.60	0.44	0.37	0.59
	Image size	7.5x10.1cm	9.3x12.7cm	12.7x17.3cm	15.1x20.5cm	9.5x12.9cm
Filter diameter (screw-in type)		95mm	82mm			
Dimensions (HxWxL)		101x107x105mm (4.0x4.2x4.1")	101x107x103mm (4.0x4.2x4.1")	101x107x105cm (4.0x4.2x4.1")	101x107x139mm (4.0x4.2x5.5")	101x107x104mm (4.0x4.2x4.1")
Weight		1,030g (36.3oz)	855g (29.4oz)	925g (32.6oz)	1,100g (38.8oz)	690g (24.3oz)

* Depending on bellows extension and lens movements, a darkened area may appear in the upper viewfinder field. Except for the GX50mm lens, the image circle of all lenses is wide enough to cover the entire frame area even at maximum bellows extension and non-standard lens movement, so the dark area will not appear in the photograph. This can also be prevented by applying some lens "rise."

* The GX50mm F5.6 lens has an image circle diameter of 112mm. Maximum permissible rise and fall is 9mm (0.35") in vertical format, 12mm (0.47") in horizontal format. Please note that excessive lens movement can cause dark areas and clipping when using this lens.

GX680III Parts & Controls

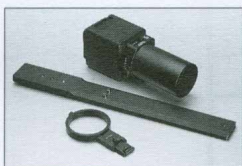


Broaden your creative range with Fujifilm optional accessories

The ideal tool for beautiful portraits



The high performance GX M500mm telephoto lens is perfect for shooting sharply focused portraits against a blurred background. It features special glass to eliminate the chromatic aberration characteristic of long focal length lenses, plus Super EBC (Electron Beam Coating) to prevent ghosting and flare. The lens mounts using Fujifilm's rail and ring system, so it is compatible with all GX series cameras.



The rail, ring and lens hood needed to mount the GX M500mm lens are included as standard equipment.

EBC FUJINON GX M500mm 1:8

Portraits of children and babies made easy



The GX M100-200mm variable focal length lens is the ideal partner for shooting commercial portraits of children and babies. Thanks to the wide ranging focal length, you can shoot quickly and easily without moving the camera body, while the variable focal length lens system eliminates aberration to give you the same range of expression found in fixed focal length lenses. Super EBC prevents ghosting and flare from backlighting.



Rail and ring for mounting on the GX680/GX680II/GX680III (not necessary with the GX680S/GX680III S) are optionally available.

EBC FUJINON GX M100-200mm 1:5.6

Instant metering for fast shooting capabilities

The AE Finder III for exclusive use with the GX680III and GX680III/S features a built-in TTL flash meter making it suitable for everything from studio portraits and daylight location shoots with synchro flash, to indoor shoots using mixed flash and lighting or product shots with complicated lighting. Auto exposure controls shutter speed by metering light on the finder screen for proper exposure under rapidly changing light conditions or when using filters.



AE FINDER III GX680III/GX680IIIS



Type	TTL flash metering displays the proper aperture value on the LCD
Mode settings	Slide switch lets you change between FLASH • AE • AEL modes
Film Speed	Use the Roll Film Holder II to select between ISO 25-3200 (at 1/3 step increments). * When using the Instant Film Holder II, the film speed is automatically set to ISO 100.
Exposure correction	The dial supports 16-step correction from $\pm 2\frac{1}{2}$ EV as well as "" (* = -5 EV)
Metering	Centerweighted metering using SPD (Open TTL metering)
Operation with camera	AE: AE can be controlled by setting the shutter speed dial on the body of the GX680 III to AUTO. (When using settings other than AUTO, only the correct shutter speed is displayed) FLASH: Works in conjunction with the synchro test button on the body of the GX680 III to meter the shot
Metering range	AE: $\frac{1}{4}$ • ISO 100 / EV 1 (8 sec. at $\frac{1}{4}$) ~ 19.5 (1/400 at $\frac{1}{45}$) FLASH: ISO 100 / Free f value ~ $\frac{1}{64}$
AE control	microprocessor controlled aperture-priority AE
Power source	Power is supplied by the GX680 III body

Instant Film Holder II Instant Format Masks

Easily attachable to the Instant Film Holder II, the Instant Format Masks offer a speedy solution to changing your film sizes. Available in 6×8 , 6×4.5 , 6×6 , and 6×7 .



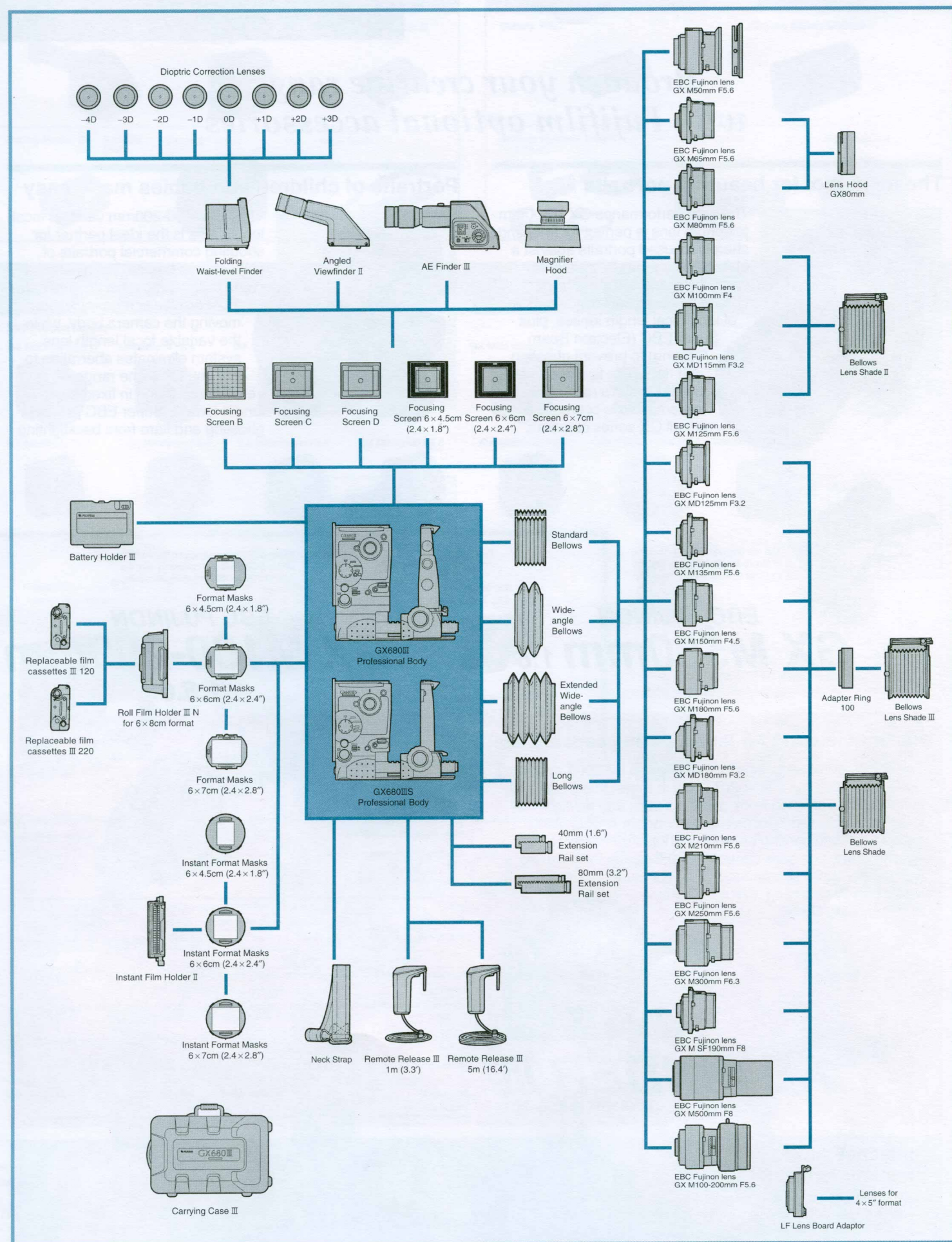
Instant Format Mask
6 × 4.5



Instant Format Mask
6 × 6













Instant Format Mask
6 × 7



Put the wide-ranging GX M series at your service, and enjoy the superior performance of EBC Fujinon lenses—now with built-in shot counter.

Sharpness, compensation of optical aberrations, color fidelity... No matter how you judge them, these interchangeable lenses meet the very strictest demands for quality and performance. Plus Fujifilm's exclusive EBC (Electron Beam Coating) virtually eliminates ghost images assuring you of superior light permeability.

		GX M 50mm 1:5.6	GX M 65mm 1:5.6	GX M 80mm 1:5.6	GX M 100mm 1:4	GX M 135mm 1:5.6
						
Super EBC Fujinon lens		GX M50mm 1:5.6	GX M65mm 1:5.6	GX M80mm 1:5.6	GX M100mm 1:4	GX M135mm 1:5.6
Lens construction ... elements in ... groups		12 elements in 9 groups	10 elements in 9 groups	8 elements in 8 groups	8 elements in 8 groups	8 elements in 8 groups
Field angle with 6 × 8 format ... degrees		86.7...	72.0...	61.1...	50.5...	40.0...
Equivalent focal length in 6 × 7 format ...mm		47mm	61mm	75mm	94mm	117mm
Equivalent focal length in 6 × 6 format ...mm		42mm	55mm	67mm	84mm	105mm
Equivalent focal length in 6 × 4.5 format ...mm		37mm	48mm	59mm	74mm	92mm
Equivalent focal length in 4 × 5" format ...mm		81mm	105mm	130mm	162mm	203mm
Equivalent focal length in 35 mm format ...mm		23mm	30mm	37mm	46mm	58mm
Shutter		Seiko #1 electronically controlled lens				
Min. f-stop		45				
With standard rail	Min. focusing distance	0.31m (1.02')	0.35m (1.15')	0.39m (1.28')	0.47m (1.54')	0.55m (1.80')
	Magnification at min.distance	1.21	0.90	0.77	0.59	0.47
	Image size	4.6 × 6.3cm	6.2 × 8.4cm	7.3 × 9.9cm	9.5 × 12.9cm	11.7 × 15.5cm
With 40mm extension rail	Min. focusing distance	0.33m (1.08')	0.36m (1.18')	0.39m (1.28')	0.44m (1.44')	0.52m (1.71')
	Magnification at min.distance	2.01	1.51	1.27	0.98	0.77
	Image size	2.8 × 3.8cm	3.7 × 5.0cm	4.4 × 6.0cm	5.7 × 7.8cm	7.0 × 9.4cm
With 80mm extension rail	Min. focusing distance	0.36m (1.18')	0.38m (1.25')	0.41m (1.35')	0.45m (1.48')	0.53m (1.74')
	Magnification at min.distance	2.81	2.13	1.77	1.38	1.07
	Image size	2.0 × 2.7cm	2.6 × 3.6cm	3.2 × 4.3cm	4.1 × 5.5cm	5.0 × 6.7cm
Filter diameter (screw-in type)		112mm	95mm	95mm	82mm	82mm
Dimensions (H × W × L)		101 × 107 × 125mm (4.0 × 4.2 × 4.9")	101 × 107 × 116mm (4.0 × 4.2 × 4.6")	101 × 107 × 113mm (4.0 × 4.2 × 4.5")	101 × 107 × 101mm (4.0 × 4.2 × 4.0")	101 × 107 × 101mm (4.0 × 4.2 × 4.0")
Weight		1,250g (44.1oz)	1,190g (42.0oz)	1,100g (38.8oz)	910g (32.1oz)	910g (32.1oz)
		GX M 180mm 1:5.6	GX MD 180mm 1:3.2	GX M 210mm 1:5.6	GX M 250mm 1:5.6	GX M 300mm 1:5.6
						
Super EBC Fujinon lens		GX M 180mm 1:5.6	GX MD 180mm 1:3.2	GX M 210mm 1:5.6	GX M 250mm 1:5.6	GX M 300mm 1:5.6
Lens construction ... elements in ... groups		6 elements in 6 groups	7 elements in 5 groups	5 elements in 5 groups	5 elements in 4 groups	5 elements in 4 groups
Field angle with 6 × 8 format ... degrees		29.4...	29.4...	25.3...	21.4...	18.0...
Equivalent focal length in 6 × 7 format ...mm		169mm	169mm	198mm	235mm	285mm
Equivalent focal length in 6 × 6 format ...mm		151mm	151mm	176mm	210mm	255mm
Equivalent focal length in 6 × 4.5 format ...mm		133mm	133mm	155mm	185mm	225mm
Equivalent focal length in 4 × 5" format ...mm		292mm	292mm	340mm	405mm	495mm
Equivalent focal length in 35 mm format ...mm		82mm	82mm	96mm	115mm	139mm
Shutter		Seiko #1 electronically controlled lens				
Min. f-stop		64	32	45	45	45
With standard rail	Min. focusing distance	1.18m (3.87')	0.97m (3.18')	1.43m (4.69')	2.56m (8.40')	3.65m (11.98')
	Magnification at min.distance	0.23	0.30	0.22	0.12	0.08
	Image size	24.3 × 33.0cm	18.5 × 25.2cm	25.5 × 34.5cm	46.7 × 63.3cm	69.8 × 94.8cm
With 40mm extension rail	Min. focusing distance	0.84m (2.76')	0.75m (2.46')	1.02m (3.35')	1.45m (4.76')	2.14m (7.02')
	Magnification at min.distance	0.45	0.52	0.41	0.28	0.18
	Image size	12.4 × 16.9cm	10.7 × 14.5cm	13.7 × 18.5cm	20.0 × 27.1cm	29.9 × 40.8cm
With 80mm extension rail	Min. focusing distance	0.75m (2.46')	0.69m (2.26')	0.89m (2.92')	1.17m (3.84')	1.74m (5.71')
	Magnification at min.distance	0.67	0.75	0.60	0.44	0.28
	Image size	8.4 × 11.3cm	7.5 × 10.1cm	9.3 × 12.7cm	12.7 × 17.3cm	18.8 × 25.5cm
Filter diameter (screw-in type)		82mm	95mm	95mm	95mm	95mm
Dimensions (H × W × L)		101 × 107 × 104mm (4.0 × 4.2 × 4.1")	101 × 107 × 105mm (4.0 × 4.2 × 4.1")	101 × 107 × 103mm (4.0 × 4.2 × 4.1")	101 × 107 × 105mm (4.0 × 4.2 × 4.1")	101 × 107 × 105mm (4.0 × 4.2 × 4.1")
Weight		800g (28.2oz)	1,030g (36.3oz)	835g (29.4oz)	925g (32.6oz)	925g (32.6oz)



* The GX680III cameras also accept all Fujinon GX series lenses (without shot counters).

GX MD 115mm 1:3.2	GX M 125mm 1:5.6	GX MD 125mm 1:3.2	GX M 135mm 1:5.6	GX M 150mm 1:4.5
GX MD115mm 1:3.2 8 elements in 6 groups	GX M 125mm 1:5.6 6 elements in 5 groups	GX MD 125mm 1:3.2 8 elements in 6 groups	GX M 135mm 1:5.6 6 elements in 6 groups	GX M 150mm 1:4.5 6 elements in 4 groups
44.6...	41.4...	41.4...	38.5...	34.9...
108mm	118mm	118mm	127mm	141mm
96mm	105mm	105mm	113mm	126mm
85mm	92mm	92mm	100mm	111mm
186mm	203mm	203mm	219mm	243mm
53mm	57mm	57mm	62mm	69mm
Fujinon #1 electronically controlled lens shutter				
32	45	32	45	
0.50m (1.64')	0.57m (1.87')	0.55m (1.80')	0.64m (2.10')	0.72m (2.36')
0.55	0.47	0.51	0.43	0.42
10.1 × 13.7cm	11.9 × 16.2cm	11.0 × 14.9cm	13.0 × 17.7cm	13.3 × 18.1cm
0.46m (1.51')	0.51m (1.67')	0.50m (1.64')	0.55m (1.80')	0.62m (2.03')
0.90	0.79	0.83	0.73	0.69
6.2 × 8.4cm	7.1 × 9.6cm	6.74 × 9.15	7.7 × 10.4cm	8.1 × 11.0cm
0.47m (1.54')	0.50m (1.64')	0.49m (1.61')	0.54m (1.77')	0.60m (1.97')
1.25	1.11	1.15	1.02	0.96
4.5 × 6.1cm	5.0 × 6.8cm	4.8 × 6.6cm	5.5 × 7.8cm	5.8 × 7.9cm
95mm	82mm	95mm	82mm	
101 × 107 × 95mm (4.0 × 4.2 × 3.7")	101 × 107 × 80mm (4.0 × 4.2 × 3.2")	101 × 107 × 96mm (4.0 × 4.2 × 3.8")	101 × 107 × 79mm (4.0 × 4.2 × 3.1")	101 × 107 × 91mm (4.0 × 4.2 × 3.6")
870g (30.7oz)	545g (19.2oz)	895g (31.6oz)	565g (19.9oz)	705g (24.9oz)
GX M 300mm 1:6.3	GX M SF 190mm 1:8	GX M 500mm 1:8	GX M 100-200mm 1:5.6	
GX M 300mm 1:6.3 5 elements in 5 groups	GX MSF 190mm 1:8 3 elements in 3 groups	GX M 500mm 1:8 6 elements in 6 groups	GX M100-200mm 1:5.6 14 elements in 11 groups	
17.9...	27.9...	10.8...	50.5... ~ 26.6...	
282mm	179mm	471mm	94mm ~ 188mm	
252mm	159mm	419mm	84mm ~ 168mm	
221mm	140mm	369mm	74mm ~ 148mm	
486mm	308mm	807mm	162mm ~ 324mm	
137mm	87mm	229mm	46mm ~ 92mm	
Fujinon #1 electronically controlled lens shutter				
64				
3.45m (11.32')	1.52m (4.99')	5.9m (19.36')	0.5m (1.64') ~ 1.12m (3.67')	
0.11	0.17	0.11	0.58 ~ 0.29	
50.9 × 69.1cm	32.9 × 44.7cm	50.7 × 67.6cm	9.6 × 13.0cm ~ 19.2 × 26.0cm	
1.92m (6.30')	0.95m (3.12')	4.0m	0.47m (1.54') ~ 0.88m (2.89')	
0.24	0.38	0.19	0.98 ~ 0.49	
23.3 × 31.7cm	14.7 × 20.0cm	29.5 × 49.4cm	5.5 × 7.7cm ~ 11.4 × 15.5cm	
1.52m (4.99')	0.82m (2.69')	3.2m	0.48m (1.57') ~ 0.8m (2.62') **	
0.37	0.59	0.27	1.38 ~ 0.69**	
15.1 × 20.5cm	9.5 × 12.9cm	20.8 × 27.8cm	4.0 × 5.5cm ~ 8.1 × 11.0cm**	
82mm			105mm	
101 × 107 × 139mm (4.0 × 4.2 × 5.5")	101 × 107 × 104mm (4.0 × 4.2 × 4.1")	101 × 107 × 245mm (4.2 × 4.0 × 9.7")	118.5 × 118.5 × 176mm (4.7 × 4.7 × 6.9")	
1,100g (38.8oz)	690g (24.3oz)	1660g	2150g	

* Depending on bellows extension and lens movements, a darkened area may appear in the upper viewfinder field. Except for the GX50mm lens, the image circle of all lenses is wide enough to cover the entire frame area even at maximum bellows extension and non-standard lens movement, so the dark area will not appear in the photograph. This can also be prevented by applying some lens "rise."

* The GX50mm F5.6 lens has an image circle diameter of 112mm. Maximum permissible rise and fall is 9mm (0.35") in vertical format, 12mm (0.47") in horizontal format. Please note that excessive lens movement can cause dark areas and clipping when using this lens.

** Available with the GX680S/GX680III

The Comprehensive range of GX680III Accessories.

Viewfinder

Angled Viewfinder II

Comfortable 15-degree viewing angle. Practically as bright as a prism viewfinder. Large ocular, viewable area hardly affected by eye position. Adjustable to your eyesight.



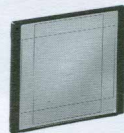
Magnifier Hood

Outdoor-use magnifier hood cuts external light. Hood has rotatable 4x high magnification lens. Dioptic correction possible for the individual photographer's eyesight, and a click-stop mechanism locks the setting.



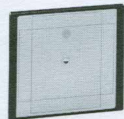
Focusing Screen B

Full matte screen with 1cm (0.4") square grid. Useful when switching between horizontal and vertical formats.



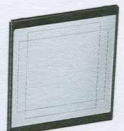
Focusing Screen C

Full matte screen with split-image focusing in center area, microprisms in upper area, permits focusing on two locations. Particularly useful in portrait work.



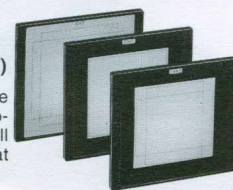
Focusing Screen D (for 6 x 7 format)

Microprism-matte type for 6x7 format.



Focusing Screen 6x7, 6x6, 6x4.5cm (2.4x2.8", 2.4x2.4", 2.4x1.8")

Focusing screens for the three additional formats provided by the GX680III. Full matte screens, with format size marks.



Dioptic Correction Lenses

These replace the magnifying lens (2.5x) in waist level viewfinder. -1D lens supplied as standard. Optional lenses include -4, -3, -2, 0, +1, +2, +3D.



Film Holder



Film Holder III N

For use with the Barcode System. Holder automatically advances film to the first frame even when not attached to camera. Data recorded on unused area of film. Large, backlit LCD displays camera status, readiness, and errors.

*Compatible with all GX680 series.



Format Masks 6x7, 6x6, 6x4.5cm (2.4x2.8", 2.4x2.4", 2.4x1.8")

Format masks for the three additional formats provided by the GX680III. Designed for easy attachment to Roll Film Holder III.



Replaceable film cassettes III 120/220

Available for 120 and 220 length roll films. Switchover between 120 and 220 length film becomes quick and easy by exchanging only the cassette in the film holder.



Instant Film Holder II

For shooting on instant film just as on roll film. With manual mask for switching to horizontal or vertical formats. Accepts Fuji Instant Film FP-100C (color), FP-100B (B&W) or other instant film of equal size.

Camera Front



Bellows Lens Shade II (with adaptor ring 100 for use with 85mm diameter lenses)

Has pockets for gelatin sheet filters and special effect filters. Works with Fujinon GX M (100-300mm) and GX MD (115, 125, 180mm) lenses.



Long Bellows

Used in combination with extension rails for close-up photography, film and document copying, etc.



Lens Hood GX80mm

For large-diameter lenses of 65 or 80mm. Also usable with GX MD 115, 120 and 180mm lenses by removing the extension tube.



LF Lens Board Adaptor

Permits use of large-format camera lenses mounted on Linhof Technika type lens boards.



Wide-angle Bellows

For bellows movements (swing, tilt, etc.) with wide-angle lenses. Can also be used as standard bellows.



Extended Wide-angle Bellows L

For bellows movements (swing, tilt, etc.) in combination with extension rails.

40mm (1.6") Extension Rail set



Permits approximately actual-size image with f=100mm lenses. Must be used in combination with Long Bellows.

80mm (3.2") Extension Rail set



For extreme close-up photography and larger-than-life images. Must be used in combination with Long Bellows.

Power Supply Accessories



Battery Holder III

Holds six size AA alkaline batteries. Not for use with NiCd or lithium batteries. For GX680III and IIIS cameras only.

Others

Remote Release III 1m/5m (3.3'/16.4')

Electromagnetic shutter release with grip and hook. Acoustic signal alerts immediately after shot if exposure was off by more than plus/minus 2 steps. Available in 1m and 5m lengths.



Carrying Case III

Holds everything you really need for on-location work: GX680 III or IIIS camera body, Remote Cable Release III, Roll Film Holder III, 2 lenses (except for 50mm/300mm lenses), Instant Film Holder, Format Masks, Focusing Screens, other small accessories.



Neck Strap

Removable strap for better stability in hand-held shooting.

GX680 Series Compatibility Chart

For GX680Ⅲ & GX680ⅢS only

AE Finder Ⅲ



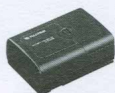
Roll Film Holder Ⅲ for 6×8cm format



Battery Holder Ⅲ



Battery Holder ES Available Soon



Carrying Case Ⅲ

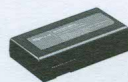


Neck Strap



For GX680/GX680Ⅱ only

Battery Pack



AC Main Battery Charger



Remote Release 1m/5m (3.3'/16.4')



Neck Strap Set



Carrying Case



Compatible with all GX680 series

EBC Fujinon Lenses

GX M50mm F5.6



GX M65mm F5.6



GX M80mm F5.6



GX M100mm F4



GX MD115mm F3.2



GX M125mm F5.6



GX MD125mm F3.2



GX M135mm F5.6



GX M150mm F4.5



GX M180mm F5.6



GX MD180mm F3.2



GX M210mm F5.6



GX M250mm F5.6



GX M300mm F6.3



GX M SF190mm F8



GX M500mm F8



GX M100-200mm F5.6



Multi-Format and Barcode System Compatible

Roll Film Holder Ⅲ N for 6×8cm format



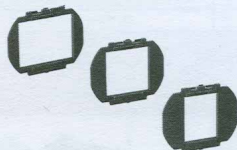
Replaceable film cassettes Ⅲ 120



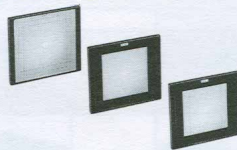
Replaceable film cassettes Ⅲ 220



Format Masks
6×7cm/6×6cm/6×4.5cm
(2.4×2.8"/2.4×2.4"/2.4×1.8")



Focusing Screen
6×7cm/6×6cm/6×4.5cm
(2.4×2.8"/2.4×2.4"/2.4×1.8")



* Incompatible with Multi-format and Barcode System Features



120 Roll Film Holder



220 Roll Film Holder



120/220 Inner film cassette

Instant Film Holder



Instant Film Holder Ⅱ



Instant Format Mask



Remote Release 1m/5m (3.3'/16.4')



Folding Waist-level Finder



Focusing Screen B/C/D



Dioptric Correction Lenses



Angled Viewfinder Ⅱ



Magnifier Hood



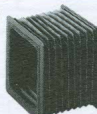
Wide-angle Bellows



Extended Wide-angle Bellows



Long Bellows



40mm (1.6") Extension Rail set



80mm (3.2") Extension Rail set



Bellows Lens Shade Ⅱ



Bellows Lens Shade Ⅱ



(Adapter Ring 100)

Lens Hood GX80mm



LF Lens Board Adaptor



Compatibility of Lenses, Roll Film Holders and Camera Bodies

* Lenses of the conventional GX series, though not equipped with shot counters, can be used with camera models GX680Ⅲ and GX680ⅢS.

* The new GX M series lenses are compatible with camera models GX680 and GX680Ⅱ, but their individual shot counters will not function.

* Conventional roll film holders and film cassettes are usable with the new GX680Ⅲ and GX680ⅢS cameras, but do not provide the new film holder features (multi-format, barcode scanning etc.).