Owner's Manual

Mode d'emploi

Gebrauchs- Manual de anleitung

instrucciones

This booklet has been prepared FUJICA G690 BL correctly.

Le but de ce livret est de vous votre FUJICA G690 BL.

te. Sírvase leerlo atentamente

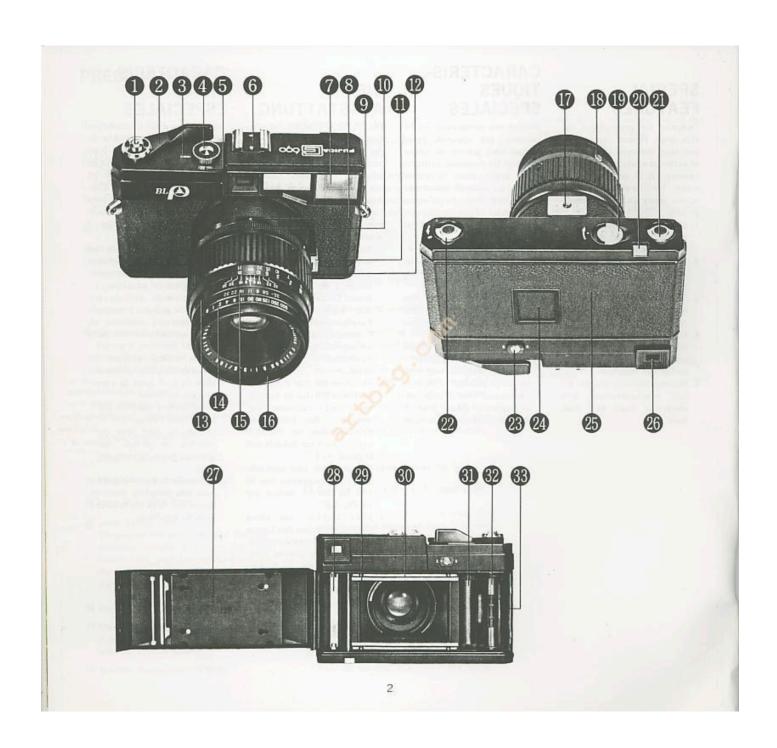


FUJICA G690 BL

SPECIAL FEATURES

Designed for professional use, this large format camera lets you snap the critical moments of action as easily as a miniature camera. It is an ideal equipment for on-the-spot shots, sports, news and aerial photography.

- Coupled rangefinder for simplified focusing. Automatic correction for parallax.
- Lever action film advance and shutter cocking by a simple flick of the thumb.
- Takes 120 and 220 roll film the ideal 6 × 9 format for color reproduction.
- 4. Choice of four color correctėd Fujinon interchangeable lenses from 65 mm wideangle to 180 mm telephoto.
- Between-the-lens shutter for full synchronization with electronic flash and flash bulb.



PRECISION PARTS

- Release Button
 Has socket for cable release.
- ② Film Advance Lever Two-stroke winding advances one frame, cocks shutter and locks to prevent double exposure. Automatic frame spacing.
- (3) Film Indicator Window
- ④ Film Indicator Knob Switch to 120 or 220 depending on the film you're using. The Film Advance Lever becomes disengaged and free after 8 exposures with 120 and 16 exposures with 220 roll film.
- (5) Exposure Counter Forward counting type. Opening the camera back cover automatically returns it to "S" (start).
- (6) Accessory Shoe For mounting special viewfinder for wideangle and telephoto lenses, etc.
- (7) Range/Viewfinder Window
- (8) Lens Mounting Guide Mark
- (9) Neck Strap Eyelet
- 10 Lens Mounting Ring
- (i) Lens Safety Lock

 To remove the lens, just close the light
 shielding curtain to release the Lens
 Safety Lock, push the lock to disengage
 the lock pin, and turn the Lens Mounting Ring.
- 12 Focusing Ring
- Flash Selector Switch For M and X contacts. Synchronizes with all shutter speeds.
- (4) Shutter Speed Control Ring

- 15 Aperture Control Ring
- (i) Filter and Lens Hood Mount 72 mmφ, P=0.75.
- Tripod Socket Bed Plate The bed plate is provided with a threaded hole. The tripod is easily and quickly attached or detached by using the tripod adapter
- (8) Flash Terminal
- (9) Light Shielding Curtain Drawing Out Handle
 20 Light Shielding Curtain Release But-
- The Light Shielding Curtain Drawing Out Handle is used for closing the curtain when you are changing the lens or making multiple exposures. A red spot appears in the left hand bottom of the Viewfinder to tell you that the curtain is closed. To open the curtain, all you have to do is to push outward the Light Shielding Curtain Release Button.
- Film Loading Knob Just pull the knob to load the film.
- ²² Camera Back Lock and Spool Loading Knob
 To open the Back Cover, just erect the handle on the knob and turn it in the direction of the arrow. Now, pull the knob and load the spool.
- 23 Roll/Sheet Film Selector Turn the knob to R if you are using roll film and switch over to S if you are using sheet film or if you want to operate the shutter with the camera unloaded.
- 24 Film Reminder Frame Tear off the film box cover and place

it in the frame to remind you of the type of film you are using.

- 25 Back Cover.
- ²⁶ Viewfinder Eyepiece.
- ② Pressure Plate. One side for use with 120 and the other side for 220 roll film.
- 28 Film Chamber.
- 29 Aperture Frame.
- 30 Film Starting Mark.
- a Exposure Counter Roller.
- 32 Take-Up Spool Chamber.
- Film Holding Spring

 Be careful not to touch this film holding spring.

MOUNTING AND DISMOUNTING THE LENS

- DISMOUNTING THE LENS
 To dismount lens, draw out the Light Shielding Curtain with the Light Shielding Curtain Drawing Out Handle (19), push the Lens Safety Lock (11) to disengage pin, and turn the Lens Mounting Ring (10) counterclockwise as far as it will go.
- 2. MOUNTING THE LENS Bring the red dot on the Mounting Ring in line with the white dot on the lens barrel. Now bring the dots on the lens assembly in line with the red dot on the body, push in and turn the Lens Mounting Ring clockwise to lock it in place. After the lens is mounted, push the Light Shielding Curtain Release Button (20) to open the light shield curtain.



FILM LOADING

SPOOL AND FILM LOADING

Open the Back Cover by erecting the handle on the Camera Back Lock and Spool Loading Knob (22) and turning it in the arrow direction. Pull knob to retract the spindle and turn it to right. Load an empty spool and return knob to original position. The Back Cover can be opened after pulling the knob but be sure to open Back Cover before pulling knob.

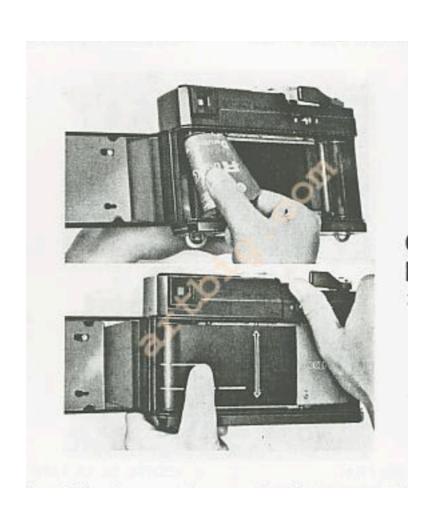
Pull the Film Loading Knob (21) in similar manner and load film.

2. FILM START GUIDE MARK

Insert the end of film leader into the slot of the take-up spool and wind the Film Advance Lever (2) until the start mark on the leader paper falls in line with the Film Starting Mark (30) on the Aperture Frame (29), then stop winding.

To prevent the film from buckling, be sure to wind the leader tightly on the take-up spool and press the back of paper lightly with the finger during this initial winding.





3. USING 120 AND 220 ROLL FILMS

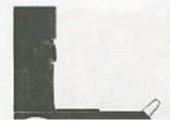
If you are using 120 roll film, use the side of the Pressure Plate (27) inscribed with the number 120 and set the Film Indicator Knob (4) at 120. If you are using 220 film, turn the Pressure Plate over to the side showing the number 220 and switch the Film Indicator to 220.

 CLOSING THE COVER AND WINDING THE FILM Set the red dot on the Roll/Sheet Film Selector (23) at R, then close the cover.

 The back cover will lock itself with a click. Check again to see that it is properly closed. Now, wind the Film Advance Lever (2).
 The Exposure Counter (5) will advance from S to 1 and the shutter will be cocked.

 Tear off the cover from the film box and insert it into the Film Reminder Frame (24). It will tell you at a glance what type of film you are using.

 If you are just testing the shutter without film, turn the Roll/Sheet Film Selector to S.





SHOOTING

- SHUTTER SPEED AND APERTURE SETTING
 Just set the Shutter Speed Control Ring (14) and Aperture Control Ring (15) at the desired values.
- FOCUSING
 Look into the Viewfinder (26) and manipulate the Focusing Ring (12). The image is sharply focused when the double image in the bright square correctly coincides. All the lenses for the Fujica G690 BL are focused in the same way.

For infrared photography, the image is correctly focused, then set at the R mark (infrared compensation mark) located right next to the distance index. This compensates for the difference in the focus of infrared photography.

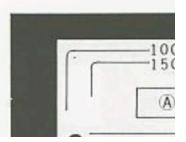


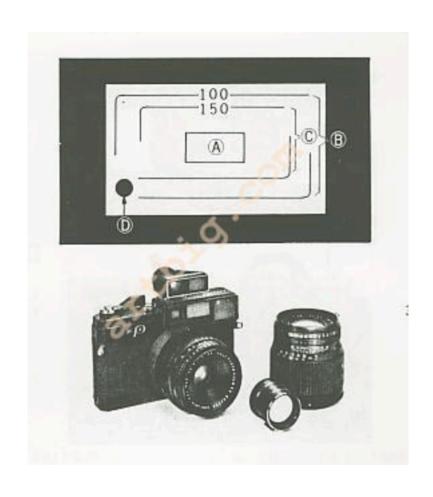
3. FIELD OF VIEW

For 100 mm normal lens and 150 mm telephoto, the bright frame is incorporated in the viewfinder. Parallax is corrected automatically as you focus. The field of view visibility is 96% at close distance and 84% with the camera set at infinity.

When using 65 mm wideangle and 180 mm telephoto lens, just fit the special viewfinder in the Accessory Shoe (6).

- A Rangefinder area
- (B) 100 mm frame
- C 150 mm frame
- D Red spot showing light shield curtain is closed.



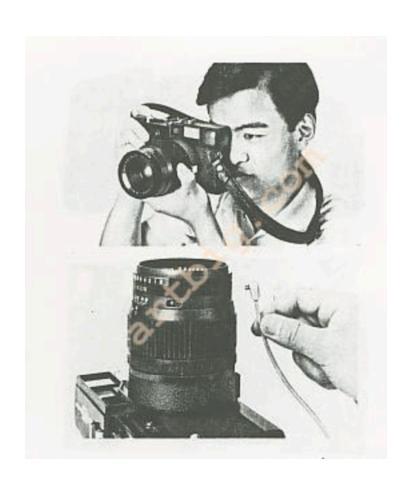


4. FILM ADVANCE

To shoot the next shot, just wind the Film Advance Lever (2) twice. The Film Advance Lever advances the film, cocks the shutter, and locks itself at the same time to prevent double exposure. The film will not advance any further unless the shutter is released.

5. FLASH PHOTOGRAPHY

A switch for X and M contacts (13) is provided on the lens barrel —X for electronic flash and M for regular flash bulbs. The between-the-lens shutter synchronizes with all flash speeds. The Flash Terminal (18) accepts all standard connectors.



6. MULTIPLE EXPOSURE

(1) To make multiple exposures, the Light Shielding Curtain is closed after the first exposure by lifting the Light Shielding Curtain Drawing Out Handle (19) and turning it 180° clockwise. A red dot in the lower left hand corner of the viewfinder tells you that the Light Shielding Curtain is closed. The operation automatically locks the shutter release button.

(2) Next, remove the lens from the body as explained on page 7 and set the shutter by pushing the shutter setting lever (at the back end of lens barrel) with the back end of a pencil or something similar, then remount the lens onto the body. Now, switch the Roll/Sheet Selector (23) to "S" and be sure to push outward the Release Button (20).

You are now ready to press the Release Button (1).



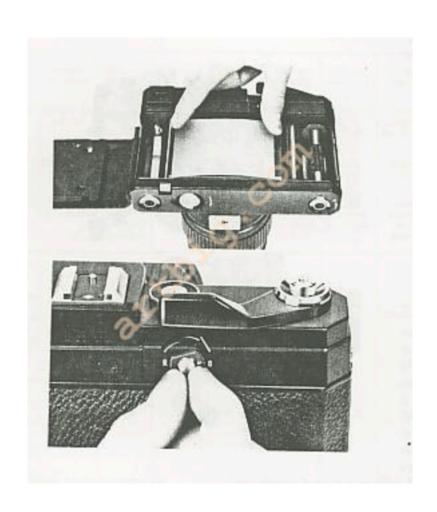


For triple and quadruple exposures, all you have to do is to repeat the foregoing process. After shooting, be sure to return the Roll/ Sheet Film Selector (23) to R.

 Be sure to open the light shielding curtain. (The Release Button will not operate unless it is open.)

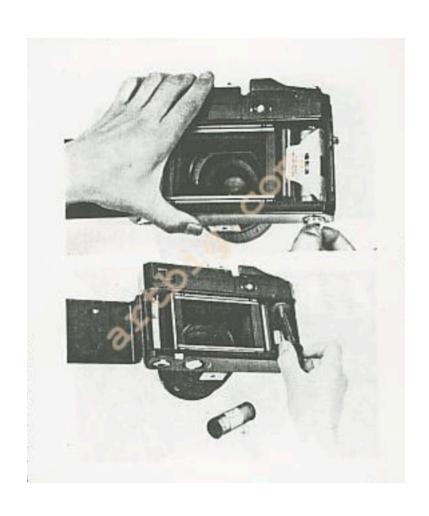
SHOOTING WITH SHEET FILM
Place one 21/2×31/2 in. sheet film over the Aperture Frame (29).
(The film must be loaded in the darkroom). Switch the Roll/Sheet
Film Selector (23) to S, and use the Pressure Plate (27) for exposing 220 roll film.





UNLOADING FILM

- 1. END OF THE ROLL After 8 exposures with a 120 roll film (16 exposures with 220 film) have been made, the Exposure Counter (5) and Film Advance Lever (2) become disengaged and free. You are now ready to wind up the film. Be sure to wind the film completely up to the end of the trailer paper. The Film Advance Lever will suddenly feel light as the end of the film leaves the spool. Give the Film Advance Lever another three extra turns after the trailer paper has left the spool to finish winding.
- UNLOADING THE FILM
 Open the back cover and unload the exposed film. Keep the roll
 tightly wound and seal it to prevent it from becoming loose.
 Now, remove the empty spool and set it
 in the Take-Up Spool Chamber (32). You
 are now ready to reload the camera.



CHANGING THE LENS

LENS AND LENS SPECI-FICATIONS

The Fujica G690 BL gives you a choice of four different lenses to choose from,

OBJECTIFS INTERCHANGE-ABLES

OBJECTIFS ET SPECI-FICATIONS

Fujica G690 BL vous donne le choix entre 4 objectifs différents.

AUSWECHSEL-BARE OBJEKTIVE

OBJEKTIVE UND TECHNISCHE DATEN

Die Wechselobjektive zur Fujica G690 BL—Übersicht und technische Daten.

CAMBIO DE OBJETIVOS

OBJETIVOS Y ESPECIFICACIONES

La Fujica G690BL le proporciona una variedad de 4 objetivos diferentes entre los cuales puede elegirse.

Descrip- tion Descrip-	Lens	Maxi- mum aperture	Focal length	Composition	Angle of view	Close-up range	Shutter	Mini- mum aperture	Shutter Speed	Flash	Filter Size	Weight	Max. diameter	Length	Viewfinder
Techn. Daten	Objectif	Ouver- ture maxi- mum	Longu- eur focale	Composition	Angle de vision	Distance mini- mum	Obtu- rateur	Ouver- ture mini-	Vitesse	Contacts flash	Dia- mètre du filtre	Poids	Dia- mètre maxi-	Lon- gueur	Viseur
Descrip- ción	Objektiv	Maxi- mal-	Brenn- weite	Bauart	Bild-win-	Nah- einst.	Ver- schluß	Mum Kleinste Öffnung	Zeit- bereich	Blitz- kont.	Filter	Gewicht		Länge	Sucher
Type Type Typ Tipo	Objetivo	Aber- tura maxima	Dis- tancia focal	Composición	Angulo de visión	Distan- cia minima de tomas	Obtu- rador	Abertura minima		Con-	Diá- metro	Peso	Durch- messer Diá- metro máximo	bei ∞ Longitud	Visor especial
Wide angle		1101	En All	4 components 6 elements	- 11		101		10000000						Provided with
Grand angulaire Weit- winkel Gran Angular	Fujinon -SWS	1:8	65 mm	4 composantes 6 éléments 4 Komponente 6 Elemente 4 componentes 6 elementos	3350	1 m	Seiko 0	F 32	B, 1- 1/500	M,X	72¢ P=0,75	600 g	90 mm	77 mm	special viewfinder Livré avec viseur spécial Spezialsucher Hay
Normal Standard Normal Normal	Fujinon S	1:3, 5	100 mm	3 components 4 elements 3 composantes 4 éléments 3 Komponente 4 Elemente 3 componentes 4 elementos	54°	1 m	Seiko 0	F 32	B, 1- 1/500	M,X	72¢ P=0,75	740 g	90 mm	83 mm	Camera finder Viseur de la caméra Kamerasucher No
Telephoto Téléphoto Tele Telefoto	Fujinon • TS	1:5, 6	150 mm	4 components 5 elements 4 composantes 5 éléments 4 Komponente 5 Elemente 4 componentes 5 elementos	38"	2 m	Seiko 0	F 45	B, 1- 1/500	M,X	72¢ P-0,75	910 g	90 mm	85 mm	Camera finder Viseur de la caméra Kamerasucher No
Γelephoto Γéléphoto Tele Telefoto	Fujinon • TS	1:5,6		5 components 5 elements 5 composantes 5 éléments 5 Komponente 5 Elemente 5 componentes 5 elementos	32=	2,5 m	Sciko 0	F 45	B, 1- 1/509	M,X	726 P=0,75	1025 g	90 mm	97 mm	Provided with special viewfinder Livré avec viseur spécial Spezialsucher Hay

DEPTH OF FIELD TABLE

TABLE DE PRO-FONDEUR DE CHAMP

SCHÄRFEN-BEREICHS-TABELLE

TABLA DE PRO-FUNDIDAD DE CAMPO

FUJINON · SW S 1:8/65mm

, m	1	1.5	2	3	5	10	.00
FI	3.5	5	7	10	15	30	60
110	0.89-1.14	1.26-1.84	1.60-2.65	2.19-4.76	3.10-13.0	4.48~00	8.12~≪
1/8	3.12-4.00	4.20-6.14	5.60-9.28	7.30-15.9	9.30-39.0	13.4 00	26.6
	0.85~1.20	1.20-2.01	1.49~3.02	1.99~6.09	2.70-32.5	3.71~00	5.91~≈
11	2.98~4.20	4.00~6.70	5.22~10.6	6.62-20.2	8.10~97.5	11.1~~0	19.4~~
	0.80~1.33	1.10-2.38	1.34~3.94	1.72~11.5	2.24-00	2.89	4.06~==
16	2.80-4.65	3.66-7.93	4.70-13.8	5.72-38.2	6.72−∞	8.68	13.3∝
	0.75-1.51	0.99 -3.05	1.19-6.19	1.49-0	1.85	2.28-100	2.95-
22	2.62~5.29	3.30~10.1	4.16~21.6	4.95~00	5.55~~	6.85	9.67-0
20	0.67-1 97	0.86-5.74	1.00	1.21	1.44~~	1.69 ∞	2.03-
32	2.34~6.90	2.85~19.1	3.50~∞	4.02~~	4.32~00	5.07~33	6.65~0

FUJINON S 1:3.5/100mm

" n	3.5	1.5	2 7	3 10	5 15	10 30	00
F	3.3	-		10	19	30	
1/3.5	0.98-1.02	1.45~1.55	1.91~2.10	2.81~3.22	4.49 - 5.64	8.14 -12.9	44.0-00
	3.43 - 3.57	4.84-5.16	6.69-7.35	9.36-10.7	13.4 - 16.9	24.4~38.8	144~ 10
4	0.97~1.03	1.44~1.56	1.90~2.11	2.78 - 3.25	4.43-5.75	7.94 - 13.5	38.5-∞
	3.39-3.60	4.80~5.20	6.65~7.39	9.25-10.8	13.3 -17.2	23.8~40.5	126 ~~ ∞
	0.96-1.04	1.42-1.59	1.86-2.16	2.70-3.37	4.23~6.11	7.33~15.7	27.5~00
5.6	3.36~3.64	4.73-5.30	6.52 - 7.55	9.00-11.2	13.0 - 18.3	22.0~47.1	90.2~~
	0.95~1.06	1.39-1.63	1.81 - 2.23	2.59-3.56	3.97-6.76	6.58-20.8	19.2~00
8	3.32-3.71	4.64~5.43	6.34 -7.80	8.62-11.8	11.9-20.3	19.862.5	63.0~
	0.93~1.08	1.35-1.68	1.75~2.33	2.47-3.82	3.68 - 7.78	5.83 - 35.0	14.0~ ==
11	3.26 - 3.78	4.50 -5.60	6.12-8.15	8.22-12.7	11.0-23.4	17.5-105	46.0~~
	0.90 - 1.12	1.30~1.78	1.65-2.53	2.29-4.36	3.29-10.4	4.90~~	9.61~∝
16	3.15-3.92	4.33 - 5.93	5.77 -8.85	7.63 -14.5	9.87-31.2	14.7	31.6~~
00	0.87 - 1.17	1.23-1.91	1.55 - 2.80	2.10-5.25	2.91-17.5	4.11-00	6.99~∝
22	3.04-3.97	4.10 -6.36	5.42 - 9.80	7.00-17.5	8.72~52.5	12.3 - ∞	22.9
	0.83-1.26	1.14~2.18	1.41~3.42	1.85~7.98	2.45~~	3.25~10	4.80-∞
32	2.90-4.41	3.80 - 7.26	4.94~12.0	6.16~26.6	7.35~~	9.75-00	15.7-00

FUJINON . T S 1:5.6/150 mm

- "	2	3	5	10	20	00
F	7	10	15	30	70	00
1/5.6	1.94-2.07	2.86 - 3.15	4.62~5.45	8.61-11.9	15.1~29.6	61.8~
173.0	6.80-7.25	9.53-10.5	13.8~16.3	25.8-35.7	52.9-103.5	202
8	1.91~2.10	2.80-3.22	4.48-5.65	8.12~13.0	13.7-37.2	43.3~00
	6.69-7.35	9.33-10.7	13.4~16.9	24.4-39.0	48.0 ~ 130	142 12
11	1.88-2.14	2.74-3.32	4.31-5.94	7.59~14.7	12.2-54.9	31.5~~
-11	6.58~7.50	9.13-11.2	12.9~17.8	22.8-44.1	42.7 — 192	103
16	1.83 -2.20	2.63~3.48	4.06 - 6.50	6,84~18.6	10.4-00	21.6~00
10	6.40 - 7.70	8.75-11.6	12.2~19.5	20.5-55.8	36.4~20	71.0~>
22	1.77-2.29	2.52~3.71	3.79 - 7.33	6.11~27.4	8.80~00	15.7~00
22	6.20-8.01	8.40-12.3	11.4 -22.0	18.3-82.0	30.8~~	51.5~~
32	1.68-2.45	2.35-4.15	3.42-9.30	5.20	7.02	10.8~00
az	5.89-8.57	7.83-13.8	10.2 - 27.9	15.6~re	24.6	35.4~∞
45	1.58-2.70	2.15~4.92	3.03-14.3	4.34~~	5.55	7.69~00
*3	5.52-9.45	7.15-16.4	9.10-43.0	13.0~-00	19.4~∞	25.2~

FUJINON . T S 1:5.6/180mm

F ft	2.5 8.5	3 10	5 15	10 30	20 70	00
1/5.6	2.43~2.57	2.90~3.11	4.73~5.30	8.99~11.3	16.3-25.8	89.0~∝
	8.27~8.75	9.65~10.3	14.2~15.9	26.9~33.8	57.0-90,3	292~ ∝
8	2.40~2.61	2,85~3.15	4.63-5.44	8.62~11.9	15.1~29.5	26.3~**
	8.16~8.87	9,51~10,5	13.9-16.3	25.8~35.7	52.9~ 103	250~ **
11	2.37-2.65 8.06-9.02	2.81~3.21 9.35~10.7	4.50-5.62 13.5-16.9	8.19~12.8 24.6~38.4	13.9~35.8 48.7~ 125	45.3~ × 149~ ×
16	2.31-2.72	2.74~3.32	4.31-5.96	7.57~14.7	12.2~55.9	31.1-4
	7.85-9.25	9.11~11.1	12.9-17.9	22.7~44.0	42.7~195	102-0
22	2.25-2.81	2.65~3.46	4.10-6.42	6.94~17.9	10.6 ~ ∞	22.7
	7.65-9.56	8.82~11.5	12.3-19.2	20.8~53.6	37.1 ~ ∞	74.5
32	2.15-2.98 7.32-10.1	2.51~3.72 8.35~12.4	3.78~7.36 11.3~22.1	6.09~27.9 18.2~83.7	8.76~ · · · · · · · · · · · · · · · · · · ·	15.6~ix 51.1~ix
45	2.04-3.23 6.94-11.0	2.36~4.11 7.85~13.7	3.44-9.11 10.3-27.4	5.26	7.13 ~ 10	11.0~00 36.0~00

NOTES

- To test the operation of the unloaded camera, just switch the Roll/Sheet Film Selector to S.
- The neck strap is combined with a detachable wrist strap.
 When shooting in the vertical position, pass your hand through this strap to hold the camera steady.
- Use the accessory lens hood to prevent unwanted light from entering the lens. The lens hood is essential for shooting backlighted subjects. All you have to do is to screw it in. Be sure to screw it in tightly.
- After unloading the film, check and be sure that the shutter is released.
- Clean the camera periodically. The lens and viewfinder are simply dusted off with a blow brush, but in case they are smeared with fingermarks, use lens cleaner and wipe off with lens cleaning paper.
- Keep the camera where it is dry, cool, and free of dust. Be sure to keep both ends of the lens capped.

SPECIFICATIONS

Туре Coupled rangefinder type interchange-

able lens camera.

Frame Size 212×312 in. (6×9 cm.)

Film 120 (8 exposures) and 220 (16 exposures) roll film (just turn over the pressure plate). Also accepts 21/2×31/2 in. sheet

film for one-shot exposures.

Film Advance Two-stroke lever on camera top advances

film, cocks shutter, and locks itself to prevent double exposure. Automatic

frame spacing.

Exposure Counter

Lens

Automatic reset, forward counting type. Interchangeable special bayonet mount

system with safety lock.

	Lens Fujinon - SW S 1:8 f=65 mm					
Wideangle						
Normal	Fujinon S 1:3.5 f=100 mm					
Telephoto	Fujinon · TS 1: 5.6 f= 150 mm Fujinon · TS 1: 5.6 f= 180 mm					

Shutter

B, 1-1/500 sec., built-in M and X contacts for all speed flash synchronization.

Viewfinder

Side-window-illuminated bright-frame, automatic parallax correction. Magnification 0.75x, base length 67 mm (effective base

length 50.3 mm).

Built-in bright frame for 100 mm normal and 150 mm telephoto lenses. Field of view visibility 96% at 1 meter, 84% at

Rangefinder

double image coupled rangefinder/view-

finder.

Focusing

Direct advance helicoid lens coupled with rangefinder.

Dimensions

116×183×145 mm (body thickness=38

Weight

2020 g. Body alone: 1260 g.

Accessories

Eye Cup, Combination Neckstrap-Hand-

Extra Accessories

65 mm Fujinon wideangle lens with spe-

cial bright frame viewfinder.

150 mm Fujinon telephoto lens with hood. 180 mm Fujinon telephoto lens with special bright frame Albada viewfinder and

lens hood.

Hood for 100 mm normal lens.

Carrying case (provided with compart-

ments).

Tripod adapter

Accessories Accessoires Zubehör Accesorios





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