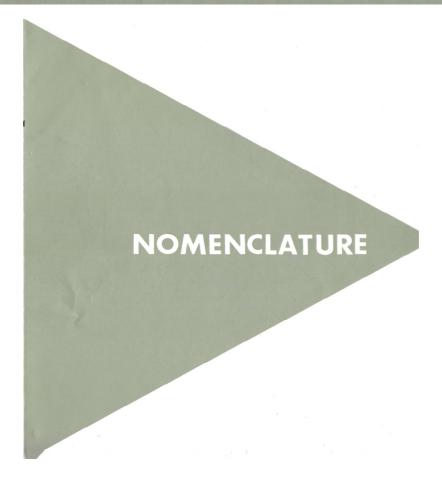
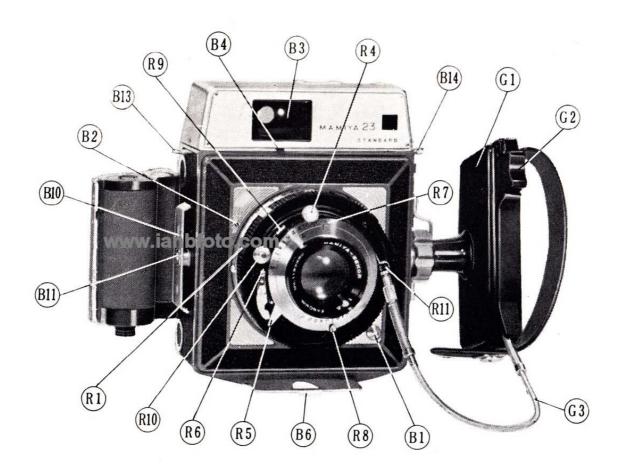
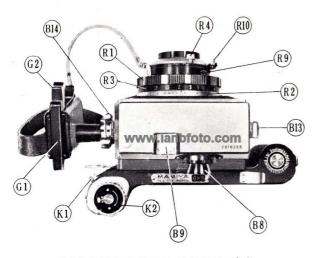
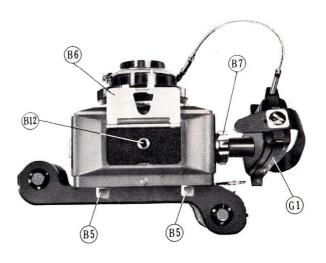
MAMIYAPRESS











CAMERA BODY PARTS (B)

- B 1 Lens Barrel Lock Button
- B 2 Lens Coupling Mark
- B 3 Viewfinder Window
- B 4 Viewfinder Window Mask Lever (for 150 mm lens)
- B 5 Rollfilm Holder and Focusing Screen Lock Knobs (2)
- B 6 Support Plate

- B 7 Hand Grip Lock Ring
- B 8 Eyepiece
- B 9 Accessory Clip
- B 10 Flashgun Mount
- B 11 Tripod Socket
- B 12 Tripod Socket
- B 13 Strap Eyelets (2)
- B 14 Cable Release Holder

HAND GRIP (G)

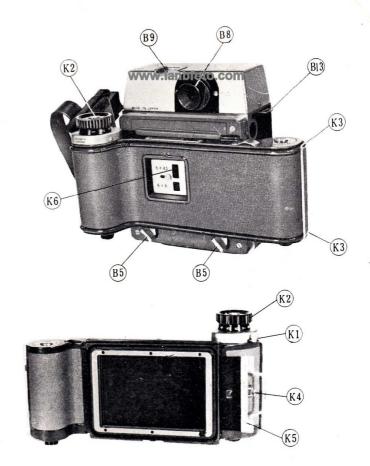
- G 1 Hand Grip
- G 2 Shutter Release Button on the Hand Grip
- G 3 Cable Release

LENS-SHUTTER ASSEMBLY (R)

- R 1 Focusing Ring
- R 2 Depth of Field Scale
- R 3 Distance Scale
- R 4 Shutter Cocking Lever
- R 5 Shutter Release Lever
- R 6 Time Lever
- R 7 Shutterspeed Dial
- R 8 Aperture Control
- R 9 M-X Selector
- R 10 Synchroflash Terminal
- R 11 Cable Release Socket

ROLLFILM HOLDER (K)

- K 1 Filmwind Stop Release Lever
- K 2 Filmwind Knob
- K 3 Backlid Catch
- K 4 Safety Catch
- K 5 Insert Slide Cover
- K 6 Red Window



_ 3 _

FUNCTIONS AND OPERATION

NEGATIVE SIZE

Nominal Rating...6×9

Actual Picture Sizes...

A. Rollfilm 120

in 6×9 holder

a. 6×9 $56 \times 84 \text{ mm}$

b. 6×6 56×56 mm

c. 6×4.5 ... 56×42 mm

B. Rollfilm 120

in 6×7 holder

a. 6×7 ... 56×67 mm

b. 6×6 ... 56×56 mm

c. 6×4.5 ... 56×42 mm

C. Dry Plate (ASA $6.5 \times 9 \text{ cm}$) ... $57 \times 84 \text{ mm}$

D. Cut Film (ASA $2\frac{1}{4} \times 3\frac{1}{4}$ ") ...52×80 mm

E. Film Pack (ASA 2½ × 3½") ...57 × 80 mm

PHOTOSENSITIVE MATERIALS

A and B. Rollfilm...Rollfilm 120 is loaded in either of the two rollfilm holders available. The rollfilm holder is secured on the back mount of the camera.

C. Dry Plate...Dry plate $(6.5 \times 9 \text{ cm})$ is placed in plate holder, which is inserted in front of the focusing screen of the focusing screen holder from the side.

D. Cut Film...Cut film is placed in a cut film clamp for fitting in the regular plate holder. The plate holder is then inserted in the focusing screen holder in the normal way.

When cut film of $2\frac{1}{2} \times 3\frac{1}{2}$ " size is available for use, load in plate holder using a discarded plate as backing.

E. Film Pack...Film pack is placed in the film pack holder, which in turn is inserted in the focusing screen holder.

CHANGE OF NEGATIVE SIZE

When changing picture size from 6×9 or 6×7 to 6×6 or 6×4.5 on rollfilm, it is necessary to fit the rollfilm holder with the appropriate picture mask. When taking substandard size pictures, the exposures must be counted through the red window at the back of the rollfilm holder. The automatic filmwind stop and exposure counter cannot be used.

Also do not fail to fit the appropriate finder window masks; the viewfinder masks coming with the filmholder in the case of the standard lens (f=90 mm), the masks coming with the lens in the case of the long focal length lens (f=150 mm), and the separate viewfinder for mounting on the accessory clip in the case of the wide angle lens (f=65 mm).



Standard (F 3.5, f=90 mm), wide angle (F 6.3, f=65 mm), and long focal length (F 5.6, f=150 mm) lenses are easily and quickly interchangeable, and each unit couples accurately with the rangefinder.





The MAMIYA-SEKOR lenses for the MAMIYA PRESS are specially designed anastigmats of high resolving power for needle-sharp reproductions on large negative areas. Focusing is by high precision



helicoid mount, with coupled rangefinder; or by means of the ground glass focusing screen available as an accessory.

	Speed	Focal	Construction	Picture Angles				
	(F/number)	Length (f = mm)	(element- group)	6×9	6×7	6×6	6×4.5	
Standard	3.5	90	4—3	58°30′	51°50′	50°	42°	
Long Focal Length	5.6	150	4—3	37°10′	32°30′	32°	26°	
Wide Angle	6.3	65	44	75°40′	67°50′	63°	56°10′	

DEPTH OF FIELD TABLE

MAMIYA-SEKOR F 3.5, 90 mm

(Circle of confusion, 4/1,000 inch)

	Focused Distances (in feet)										
Aperture	∞	30	15	10	8	7	6	5	4.5	4	3.5
3.5	75′ 6¼″ ∞	21' 73 ₄ " 49' 3 ₄ "	12' 7¾" 18' 5¾"	8′11″ 11′ 4 <u>1′</u> 2″	7′ 334″ 8′10″	6′ 53 <u>4″</u> 7′ 7½″	5' 7½" 6' 5¼"	4′ 9″ 5′ 3½″	4' 3½" 4' 8¾"	3' 10" 4' 2"	3' 4½" 3' 7½"
4	66′ 1¼″ ∞	26′10″ 53′113⁄4″	12' 4¼" 19' 1¼"	8' 9½" 11' 7¼"	7′ 23′4″ 8′ 113′4″		5' 634" 6' 6"	4' 8½" 5' 4"	4' 3¼" 4' 9¼"	3' 93/4" 4' 21/2"	3' 4½" 3' 7¾"
5.6	47′ 3¾″ ∞	18′ 7″ 79′ 7″	11' 634" 21' 534"	8' 43 ₄ " 12' 5"	6' 11½" 9' 5¼"	6' 2½" 8' ½"	5′ 5″ 6′ 8¾″	4' 7¼" 5' 5¾"	4' 2½" 4' 10½"	3′ 9″ 4′ 3½″	3′ 3¾″ 3′ 8½″
8	33′ 2½″ ∞	16' 279' 2½"	10' 6¼" 26' 5"	7′10¼″ 13′10½″	6' 7" 10' 2¾"	5′ 11″ 8′ 7¼″	5' 2½" 7' 1¼"	4' 5½" 5' 8½"	4' 3/4" 5' 3/4"	3' 8" 4' 5"	3′ 3″ 3′ 9¾″
11	24' 23 ₄ "	13′ 7½″ ∞	9' 53 ₄ " 37' 2½"	7′ 3¼″ 16′ 3″	6′ 2¼″ 11′ 5¼″	5' 7" 9' 51/4"	4' 11½" 7' 7¾"	4' 3¼" 6' ½"	3'11" 5' 3¾"	3' 6½" 3'11¾"	
16	16′ 9″ ∞	10′11½″ ∞	8′ 13 <u>′</u> 4″ 117′11 <u>′</u> 4″	6' 53/4" 22' 103/4"	5′ 7½″ 14′ 3¼″	5' 1½" 11' 3"	4' 7¼" 8' 9¼"	4' 1/4" 6' 81/4"	3' 8½" 5' 9½"		3' 1/4" 4' 2"
22	12′ 3¼″ ∞	8′10¾″ ∞	6′113⁄4″ ∞	5′ 9″ 45′ 4½″	5' 34" 20' 5"	4′ 8″ 14′ 7¾″	4' 2¾" 10' 7¾"	3′ 9″ 7′ 8½″	3' 53/4" 6' 6"	3' 2¼" 5' 5¼"	2' 1034" 4' 6"
32	8′ 6½″ ∞	6′ 9½″ ∞	5′ 73⁄4″ ∞		4' 4½" 76' ½"	4' 1" 30' 3"	3' 9" 16' 9¼"	3' 4½" 10' 4"	3' 2" 8' 23 ₄ "	2' 11 1/4" 6' 63/4"	2' 8¼" 5' 2¼"
45	6′ 2″ ∞	5′ 23⁄4″ ∞	4′ 6¾″ ∞	4' 1/2"	3′ 8½″ ∞	3' 6½" ∞	3′ 3½″ 72′ 1½″	3′ 18′ 113⁄4″	2' 10" 12' 83/1"	2′ 8″ 9′ /w.ianbf	2' 5½" 6' 634" oto.com

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DEPTH OF FIELD TABLE

MAMIYA-SEKOR F 6.3, 65 mm

(Circle of confusion, 4/1,000 inch)

		Focused Distances (in feet)									
Aperture	∞	30	15	10	8	7	6	5	4.5	4	3.5
6.3	22′ ∞	12′10″ ∞	9′ 3⁄4″ 44′11 ½″	7' 17' 8¼"	5′11¾″ 12′ 2″	5′ 5″ 9′11¼″	4' 9¾' 8'	4' 2" 6' 3¼"	3′10″ 5′ 5¾″	3' 5½" 4' 9"	3' 1¼' 4' ½'
8	17′ 4½″ ∞			6' 6" 22' 434"	5' 7¼" 14' 2"	5' 1½" 11' 2¾"		4' 6' 9"	3' 8¼" 5'10"	3' 4¼" 5'	3' 4' 2½'
11	12' 8¼" ∞	9′ ½″ ∞		5′ 9″ 42′ 4¾″				3' 8½" 7' 9¼"		3' 2" 5' 6 ¹ / ₄ "	2′ 10¼′ 4′ 6¾′
16	8′ 9½″ ∞	6′10¾″ ∞	5′ 8¼″ ∞	4′10″ ∞		4' 3/4" 29' 41/2"		3' 4" 10' 5¾"	3' 1½" 8' 4½"		
22	6′ 5¼″ ∞	5′ 4¾″ ∞	4' 7¾" ∞	4' 34" ∞	3′ 8¾″ ∞			2'11¾" 18' 2½"		2' 7½" 9' 1"	2′ 5″ 6′ 8¼″
32	4′ 6″ ∞	3′11¾″ ∞	3′ 7″ ∞	3′ 3″ ∞	3′ ½″ ∞	2′ 10¾″ ∞	2′ 8¾″ ∞		80′ 7″	2′ 3½″ 22′ 5″ w.ianbfo	11' 21/2"

DEPTH OF FIELD TABLE

MAMIYA-SEKOR F 5.6, 150 mm

(Circle of confusion, 4/1,000 inch)

Aperture	Focused Distances (in feet)								
	∞	30	15	10	8	7			
E C	130′ 11½″	24′ 7½″	13′ 7″	9' 41/2"	7' 7½"	6′ 8½″			
5.6	∞	38′ 5½″	16′ 9″	10′ 8½″	8′ 5¼″	7′ 3¾″			
0	91′ 9½″	22′ 10½″	13' 34"	9' 134"	7′ 5½″	6' 71/4"			
8	∞	43′ 9¼″	17' 7¾"	11' ½"	8′ 7½″	7′ 5½″			
11	66′ 10¼″	21′	12' 5½"	8′ 10¼″	7′ 3¼″	6′ 5½″			
11	∞	52′ 11″	18' 1034"	11' 6"	8′ 10¾″	7′ 7¾″			
16	46′ 1″	18′ 6″	11' 7"	8′ 5″	7′	6′ 3″			
16	∞	81′ 5¼″	21′ 5¼″	12' 41/4"	9' 41/2"	7′ 1134″			
20	33′ 7½″	16' 2½"	10' 8"	7′ 11½″	6' 81/4"	6′			
22	∞	233' 34"	25′ 7½″	13' 6½"	10' 4"	8′ 5¼″			
22	23′ 3″	13' 51/4"	9′ 5½″	7′ 3½″	6' 2¾"	5′ 7¾″			
32	∞	∞	38′ 1″	16' 2½"	11' 4"	9' 4"			
45	16′ 7½″	11' 1/4"	8′ 3″	6′ 7″	5′ 8¾″	5′ 2¾″			
43	∞	∞	105′ 9¼″	21′ 10¼″	13′ 8 1 ′′′′	ianbfoto.com			

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MAMIYA PRESS FILTERS AND MASKS

	Filter Scr	ew Thread			
	Diam.	Pitch	Remarks		
Standard Lens	40.5 mm	0.5 mm	Special lens hood available.		
Long Focal Length	40.5 mm	0.5 mm	Rear lens cap furnished. Special lens hood available.		
Wide Angle	43 mm	0.75 mm	Special viewfinder and rear lens cap furnished Lens barrel serves as lens hood.		



- Notes 1. All MAMIYA-SEKOR lenses for the MAMIYA PRESS are fully hard-coated anastigmats.
 - 2. Special lens hoods can be fitted in reverse over their respective lenses for convenience in carrying.

LENS-SHUTTER ASSEMBLY MOUNTING DISMOUNTING

The lens-shutter assembly is mounted on the front of the camera body by means of a special bayonet flange coupling. The assembly can be readily removed by pressing lens barrel lock button (B 1) toward the lower right corner of the camera body, as seen from the front, and by turning the lens-shutter assembly counterclockwise about 60 degrees, gripping the barrel by means of the two protrusions provided on the depth of field scale ring (R2). The assembly can be lifted out when the red triangle mark on the barrel matches the red dot lens coupling mark (B2) on the upper left hand corner of the camera front.

To mount lens on camera, match the two coupling



marks, then turn the barrel clockwise about 60 degrees. Slight resistance will be felt before the catch holds and the barrel is locked in position.

When changing lenses, be sure to uncouple release cable (G 3) leading from grip handle (G 1).

The rangefinder can be used, without any adjustment, with any of the interchangeable lenses.

CAUTION: With the lens-shutter assembly removed, the interior of the camera body is exposed, revealing a pin protruding from above. This is the coupling pin for the rangefinder.

Do not tamper with this delicately adjusted part.

SHUTTER (SEIKOSHA-S, ZERO SIZE)

Shutterspeed Settings: B (bulb, manual operation), 1, $^{1}/_{2}$, $^{1}/_{4}$, $^{1}/_{8}$, $^{1}/_{15}$, $^{1}/_{30}$, $^{1}/_{60}$, $^{1}/_{125}$, $^{1}/_{250}$, and $^{1}/_{500}$ second

Aperture Settings (scale markings):

Standard

3.5, 4, 5.6, 8, 11, 16, 22, 32, 45

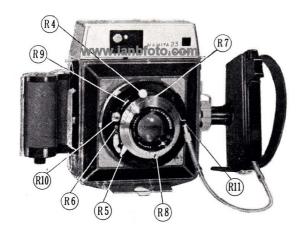
Long Focal Length 5.6, 8, 11, 16, 22, 32, 45

Wide Angle

6.3, 8, 11, 16, 22, 32

Flash Synchronization; M and X synchroflash settings.

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Time Exposures; Time lever (R 6) is provided so that when shutterspeed dial (R 7) is set at "B" operation of time lever (R 6) will cause shutter to open and remain open until the lever is released. Shutter Operation by Cable Release: Cable release socket (R11) is provided.

VIEWFINDER

The optical viewfinder of the MAMIYA PRESS is of the reverse telescope type, and is combined with the rangefinder in the upper part of the camera body. Sighting and picture composition can also be done

VIEWFINDER WINDOW MASKING TABLE

Lens	Negative Size							
	6×9	6×7	6×6	6×4.5				
Standard	no mask	6×7 standard mask over window	6×6 standard mask	6×4.5 standard mask				
Long Focal Length	built-in sliding mask (B 4)	6×7 long mask	6×6 long mask	6×4.5 long mask				
Wide Angle	special accessory finder	indicated in field of special finder		,				

with the ground glass focusing screen mounted on the back of the camera or with a sports type frame finder mounted on the accessory clip.. Reduction of subject size by means of the reverse telescope view-finder is to 66 per cent of life size. Correction of the viewfinder field for various negative sizes is effected by use of masks over the viewfinder window (B 3). When using the wide angle lens-shutter assembly, a separate viewfinder (reverse telescope type) is used mounted on the accessory clip. Viewfinder correction for parallax at close ranges is effected, when using standard and long focal length lenses, by moving the eyepiece (B 8).

COUPLED RANGEFINDER

The rangefinder is combined with the viewfinder, and is of the double image focusing spot type. The length of the triangulation base is 60 mm, and the magnification is $\times 0.66$. Accurate coupling ranges are: for standard lens, 3.5 feet to ∞ ; for long focal length, 7 feet to ∞ ; and for wide angle, 3.5 feet to ∞ .

FOCUSING METHODS

The helicoid mounts of the lens-shutter assemblies permit back and forth movement of the lens barrel in relation to the camera body, $^3/_8$ " for the standard lens, $^1/_2$ " for the long focal length, and $^3/_{16}$ " for the wide angle.

Focus adjustment may be effected either by the coupled rangefinder, by tape measure or sight judgment and distance scale, or by the ground glass focusing screen.

SHUTTER OPERATION

To cock shutter mechanism, push cocking lever (R 4) over toward left side of the camera (as seen from rear). The shutter is released as a general rule by the left index finger through the button (G 2) and cable release of the hand grip. However, it is also possible to trip the shutter by means of the shutter release lever (R5) operated by the right index finger.

For focusing and sighting by means of the rear focusing screen, set shutterspeed dial (R 7) at "B",

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cock shutter, and pull outward the knob of time lever (R 6). Shutter will remain open.

ROLLFILM HOLDERS

Two types of rollfilm holders for the MAMIYA PRESS are available: for 8 exposures of 6×9 cm negative size from a roll of 120 film, or for 10 exposures of 6×7 cm negative size. Both holders can be used for taking pictures of 6×6 cm or 6×4.5 cm size; however filmwind stop and exposure counter cannot be used in this case, the red window must be used for visual check of film advance.

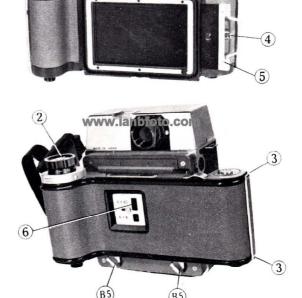
OPERATION OF ROLLFILM HOLDER

The rollfilm holder is secured to the camera back mount by means of two securing knobs (B 5). To remove rollfilm holder, turn knobs (B 5) so that holding flanges are turned up and the straight edges are parallel to the back mount, clear of the rollfilm holder. Lift up the lower side of the rollfilm holder and pull out of top groove. To attach rollfilm holder, reverse this procedure, making sure that the lock knobs (B 5) are turned clear of the locking

flange. Push into upper groove, then press down firmly. Lock by turning the lock knobs over 90 degrees.

The focusing screen holder is secured in the same way.

(1)



AUTOMATIC FILMWIND STOP

Operating the filmwind stop release lever (1), turn the filmwind knob (2) until the inverted triangle mark (∇) of the film counter brings into alignment with the triangle mark (\blacktriangle) which serves as the index point. Then the film counter dial is disengaged and will not advance. Open backlid by pulling out both ends of the backlid catch (3).

Place unexposed film in film chamber. Secure end of paper leader to empty take-up spool. Commence winding carefully, hold the roll of film tightly as illustrated, so that the strip is taken up evenly. When the start mark on the paper leader appears, align it with the camera start mark (7). Close backlid. When closing backlid, the pressure plate may cause the film and camera start marks to go out of alignment. This is quite in order.

When securing end of paper leader to slit of takeup spool, exercise the greatest care to effect a good junction. If fitting is poor, the take-up action will not be even and straight, causing distortion of the film surface.

Operate filmwind stop release lever (1) once, then wind until filmwind knob locks. The first frame of the rollfilm is now in position for picture-taking. Attach rollfilm holder to camera, then pull out slide cover.

After each shot, operate filmwind stop release lever (1) to permit winding and transport of film to next frame. When removing rollfilm holder from camera with unexposed film remaining inside, always insert slide cover (5), then push in safety



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catch (4) so that slide cover cannot be pulled out inadvertently after rollfilm holder has been removed.

6×6 cm or 6×4.5 cm NEGATIVE SIZE

Load rollfilm holder with film, with filmwind stop mechanism in free turning position. After closing backlid, open red window cover (6) and turn filmwind knob (2) until numeral 1 appears in red window.

When taking pictures of 6×6 or 6×4.5 size, fit appropriate masks on rollfilm holder before attaching to camera body. Masks can be easily fitted if they are bent slightly lengthwise.

After first exposure, wind film while watching red window for frame number to appear.

For all sizes other than the standard 6×9 cm, the optical viewfinder window must be corrected by means of the corresponding mask.

GRIP HANDLE

The special grip handle can be attached to the left side of the camera (as seen from the rear). Lock-

ing is effected by screwing down the lock ring (B7).

When using a tripod for vertical pictures, remove the grip handle and replace with a tripod adapter.

A cable release runs through the grip handle. One end of the cable is connected to the camera shutter (at R 11), while the other end is attached to the shutter button on the grip handle. To keep disconnected cable end from dangling free, attach to cable release holder (B 14) on the strap eyelet.

MOUNTING FLASHGUN

To attach flashgun to the camera, fix flashgun mounting piece on the flashgun mount (B 10) at the right side (as seen from the rear).

CAMERA SUPPORT PLATE

When the hinged support plate (B 6) attached to the base of the camera is unfolded, a steady support is provided for the camera on any flat, level surface.

ACCESSORY CLIP

A standard accessory clip (B 9) is provided on top of the rangefinder casing.

TRIPOD SOCKET

Two tripod sockets are provided, one (B 12) on the base of the camera for horizontal picture position, and the other (B 11) on the flashgun mount, for vertical position.

DIMENSIONS AND WEIGHT

 $6^{5}/_{16}''$ (height) $\times 9^{7}/_{32}''$ (width) $\times 5^{31}/_{32}''$ (from front of standard lens at ∞ in normal position to rear of rollfilm holder); approximately $4^{1}/_{2}$ lbs.

ACCESSORIES

Lens Hoods: Two types available, one for the standard lens, the other for the long focal length lens. Wide angle lens requires no lens hood.

Filters: Available in various types in two sizes, for standard and long focal length lenses, and for wide angle lens.

Rollfilm Holders: Available in two types; for 8 exposures of 6×9 cm negatives per roll, or for 10 exposures of 6×7 cm negatives. Both types capable

of taking, with masks for standard lens supplied, negatives of 6×6 and 6×4.5 size.

Focusing Screen Holder: Assures sharpest possible image, critical composition. Shows true area being photographed, and completely eliminates problem of parallax. No need to remove holder after focusing for shot-making—just insert plate or film pack holder.

Plate Holders: for dry plates of ASA 6.5×9 cm size, one plate per holder.

Film Pack Holder: for ASA 21/4" ×31/4" filmpack. Special Flashgun

Flashgun Mounting Piece

Sports Finder: available in two types; for 6×9 cm or 6×7 cm size.

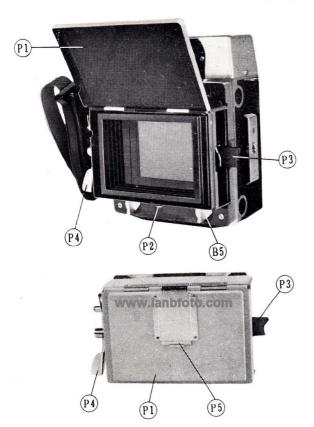
Extension Rings: for Close-Up Photography
Special MAMIYA PRESS Carrying Bag

All-Metal Cable Release

Tripod Adapter: for use of various types of tripods.

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INSTRUCTION FOR USE OF FOCUSING SCREEN HOLDER, AND PLATE HOLDER



FOCUSING SCREEN HOLDER

The ground glass focusing screen is mounted in the holder which is provided with a swing-up back cover (P 1). After focusing and picture composition is finished, the focusing screen is released by means of lever (P 4) and the focusing screen is pulled back by means of manipulator (P 3) to permit insertion of plate or film pack holder.

The image on the focusing screen is inverted, but it is of full negative size. Marker lines are provided to show 6×7 , and 6×6 negative sizes.

To open back cover (P 1) of the focusing screen holder, push catch button (P 2) in direction of arrow. Back cover will spring open. To close, merely press down for catch to lock.

When the back cover opening adjustment (P 5) is fully pulled out the back cover will swing open wide upward.

To insert plate holder or film pack holder in focusing screen holder, first press focusing screen release lever (P 4), keeping depressed until plate or film pack holder is in position.

FILM PACK HOLDER

Open backlid of film pack holder by pressing simultaneously the two catch button (1), and swing open on hinge. Take fresh film pack, and load, tab end first and metal case side up, in the film pack holder. Pull tabs should protrude beyond the catch buttons (1). Use $2\frac{1}{4}\times 3\frac{1}{4}$ " size film pack (12 exposures).

PLATE HOLDER

Pull out backlid catch (1), the backlid can be swung open by applying finger pressure to finger hold (2).

Working in complete darkness, place plate in plate holder, emulsion (dull) side down, facing toward slide cover (3). Close backlid and lock in position by means of backlid catch (1). When using out film of the same size as the plate, use behind the cut film a discarded plate, or a clear piece of glass of the right size. When using out film of 2 ½×3 ½" size, first insert film in adapter frame and place frame in plate holder.









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