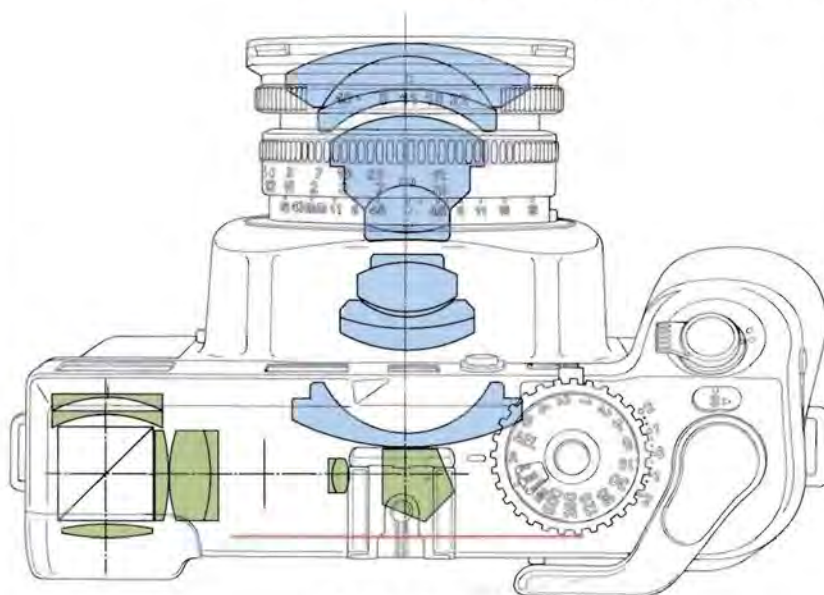


Photo by LARS THULIN

80mm f/4



The ultimate in quality and pure photographic excellence



[optical configuration]

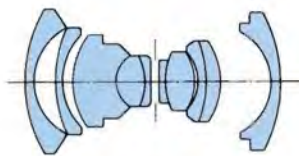
Blue: Ultra-Wide-Angle lens 43mm f/4.5 Green: Rangefinder System Red: Film Position

A significant advantage of rangefinder camera design for the optical engineer is the elimination of the mirror box and the resulting shorter flange focal distance which permits placing the rear lens element close to the film plane. Various other restraints on lens design are also removed, providing far more versatility in coming up with a lens composition that approaches ideal optical theory. For just one example, lens groups can be positioned in near perfect opposition, doing away with almost all problems of spherical or chromatic aberration. The six interchangeable lenses provided for the Mamiya 7 not only enjoy the benefits of superior design, they also yield the highest quality of pictorial impact thanks to cutting-edge optical technologies, manufacturing technologies of unmatched precision and the world's most rigorous, exacting quality tests. The ultra-wide 43mm lens is the first of its kind for medium-format rangefinder photography. It offers superb contrast and is unrivaled in its near total freedom from optical distortion. Mamiya optical systems enjoy an enviable reputation among professional and serious amateur photographers the world over. Their secret is comprehensive design and production of the entire optical system, from the camera-lens mount to the individual elements, from glass selection to polishing, from multi-coating to final assembly. At every stage of production, Mamiya follows a single principle: The lens is the life force of the image.

Lens	43mm f/4.5	50mm f/4.5	65mm f/4	80mm f/4	150mm f/4.5	210mm f/8
Lens Design	6 groups/10 elements	6/10	5/9	4/6	5/6	5/7
Angle of view	92°	84°	69°	58°	34°	24°
Minimum aperture	22	22	22	22	32	32
35mm equivalent	21mm	24mm	32mm	39mm	71mm	100mm
Minimum focusing distance	1m(3.25ft.)	1m(3.25ft.)	1m(3.25ft.)	1m(3.25ft.)	1.8m(5.9ft.)	7m(22.89ft.)
Magnification ratio at minimum distance	0.049X	0.063X	0.078X	0.097X	0.096X	0.032X
Area covered at minimum distance	1145×1421mm (45×55.9")	895×1111mm (35.2×43.7")	719×892mm (28.3×35.1")	580×719mm (22.8×28.4")	581×721mm (22.9×28.4")	170×2172mm (68.6×84.7")
Filter diameter	67mm	67mm	58mm	58mm	67mm	58mm
Lens hood (supplied with lens)	bayonet	bayonet	bayonet	bayonet	bayonet	bayonet
Dimensions (length×diameter)	42×72mm[81mm] (1.65×2.83", 3.46")	55×70mm[88mm] (3.16×2.83", 3.46")	65×67mm[86mm] (2.56×2.64", 3.38")	56×67mm[66mm] (2.20×2.64", 2.60")	96×70mm[106mm] (3.78×2.75", 4.17")	125×70mm[135mm] (4.88×2.73", 5.27")
Weight	390g(13.8oz.)	456g(16.2 oz.)	380g(13.4oz.)	290g(10.2oz.)	520g(18.3oz.)	480g(16.9oz.)



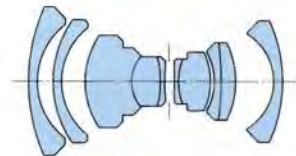
43mm f/4.5 Ultra-Wide



1. Weight of 390g (13.8oz.) and filter diameter of 67mm. 2. A 92° ultra-wide angle of view and the perspective of a 35mm format 21mm lens. 3. A true ultra-wide-angle design produces a maximum of 0.04% distortion at the corners. 4. Chromatic aberration is reduced to unnoticeable levels. 5. Though maximum fidelity is achieved at f/8 and f/11 apertures, the entire range of aperture settings provides high contrast and outstanding reproduction. 6. Even at close-focusing distances, this lens outperforms the retrofocus type SLR system for natural image with minimal distortion and critical sharpness. 7. It's the one lens you need to give full rein to your creativity both indoors and out. 8. Lens comes with external Viewfinder for framing and composition of the ultra-wide image. The built-in Spirit Level and Diopter correction make composition a snap.



50mm f/4.5 Wide Angle

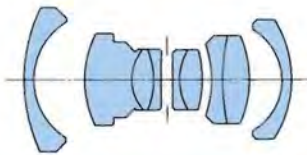


1. Weight of 456g (16.2oz.) and filter diameter of 67mm. 2. An 84° angle of view is equivalent to the easy-to-use 24mm lens of the 35mm format. 3. The same type lens design as the 43mm lens provides high performance in a compact configuration. 4. Chromatic aberration is eliminated; stable, high contrast and resolution are reality even at fully open apertures. 5. A front-back asymmetrical design produces natural, critically sharp images for spectacular reproduction. 6. Even at close-focusing distances, this lens outperforms the retrofocus type SLR system for images with minimal distortion and critical sharpness for natural, crisp images. 7. Lens comes with external Viewfinder for framing and composition of the extra-wide image. The built-in Spirit Level and Diopter correction make composition a snap.





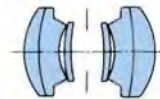
65mm f/4 Wide Angle



1. Weight of 380g (13.4oz.) and Filter diameter of 58mm. 2. Very compact, with outstanding portability, it's a general purpose wide-angle lens with a 69° angle of view and equivalent to the 32mm lens of the 35mm format. 3. The wide-angle design has a maximum of 0.08% distortion at corners. 4. Though maximum fidelity is achieved at f/8 and f/11 apertures, the entire range of apertures provide high contrast and outstanding reproduction. 5. There is no distortion even at close-focusing distances, and the lens is effective for critical sharpness and natural, crisp images. 6. This lens is suitable for indoor and outdoor work, and even for photographing subjects in darker situations.



80mm f/4 Standard

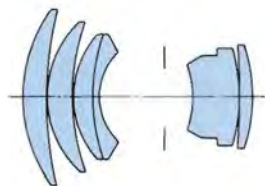


1. Compact design weighs only 290g (10.2oz) and filter diameter of 58mm. 2. Shatters the standard conventions for 6×7 format camera optics. 3. Provides consistent contrast and sharpness over entire aperture range. 4. Maintains crisp tonality while rendering high-resolution detail. 5. Virtually all aberration is eliminated, making this an outstanding lens for virtually any photographic job imaginable.





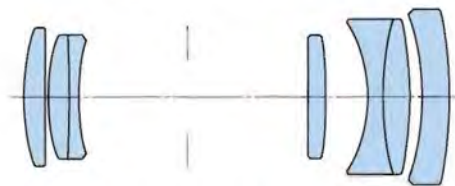
150mm f/4.5 Telephoto



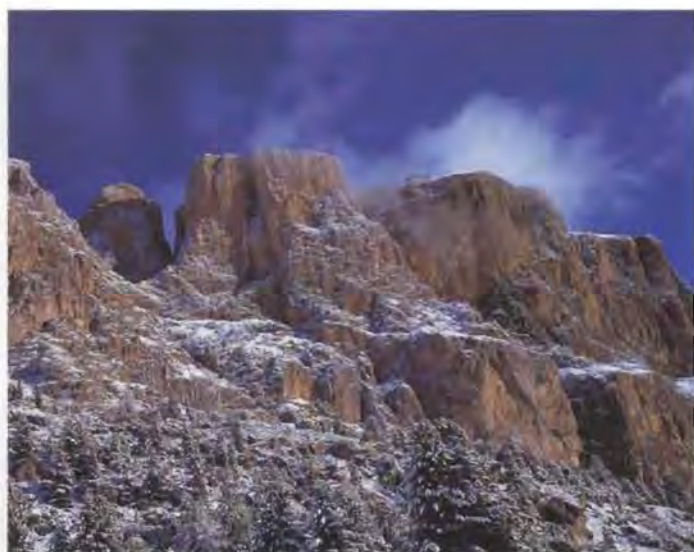
1. Weight of 520g (18.3oz.) and filter diameter of 67mm. 2. Ultra-low dispersion glass is used to eliminate aberrations usually associated with telephoto lenses. 3. High contrast and critically sharp images are assured for virtually any type of subject. 4. An optional viewfinder FV704 (can be used with the 210mm lens) provides an image area larger than that produced by the viewfinder bright lines. Parallax can be corrected by setting the focusing distance gauge. FV704 includes built-in viewing angle adjustment.



210mm f/8 Telephoto (with viewfinder FV704 which can be used with the 150mm lens)

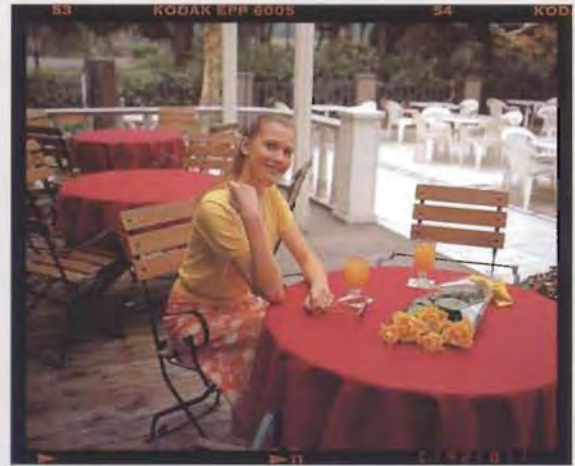


1. Weight of 480g (16.9oz.) and filter diameter of 58mm. 2. Lens elements of low-dispersion glass assure maximum correction of chromatic aberration for exceptional image fidelity. 3. This telephoto lens is a compact companion to the 150mm, designed for aerial or landscape photography and other applications. 4. The extended reach, coupled with its compact, lightweight design, provides particular versatility and superior performance.





43mm f/4.5



80mm f/4



50mm f/4.5

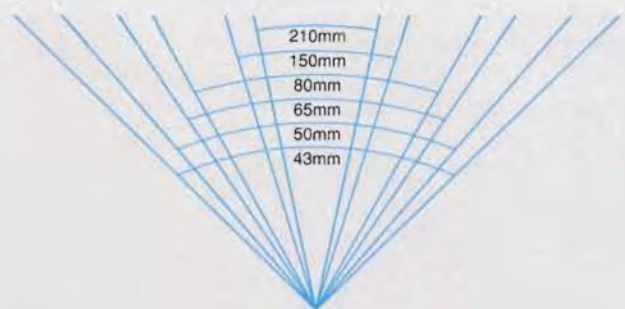


150mm f/4.5



65mm f/4

Angle of view comparison



Photographic excellence in the palm of your hand.

Nomenclature



Exposure compensation switch lever with built-in lock

The lever can be moved to the desired setting while holding down the button in the center. Releasing the button locks the lever in its current position.

Multiple-exposure lever

Hold down the lock button and set the multiple-exposure lever to the mark either before or after shooting an image. Now when you operate the film advance lever, the camera is prepared for another exposure without advancing the film. To cancel multiple-exposure, hold down the release button and return the multiple-exposure lever to its original position.

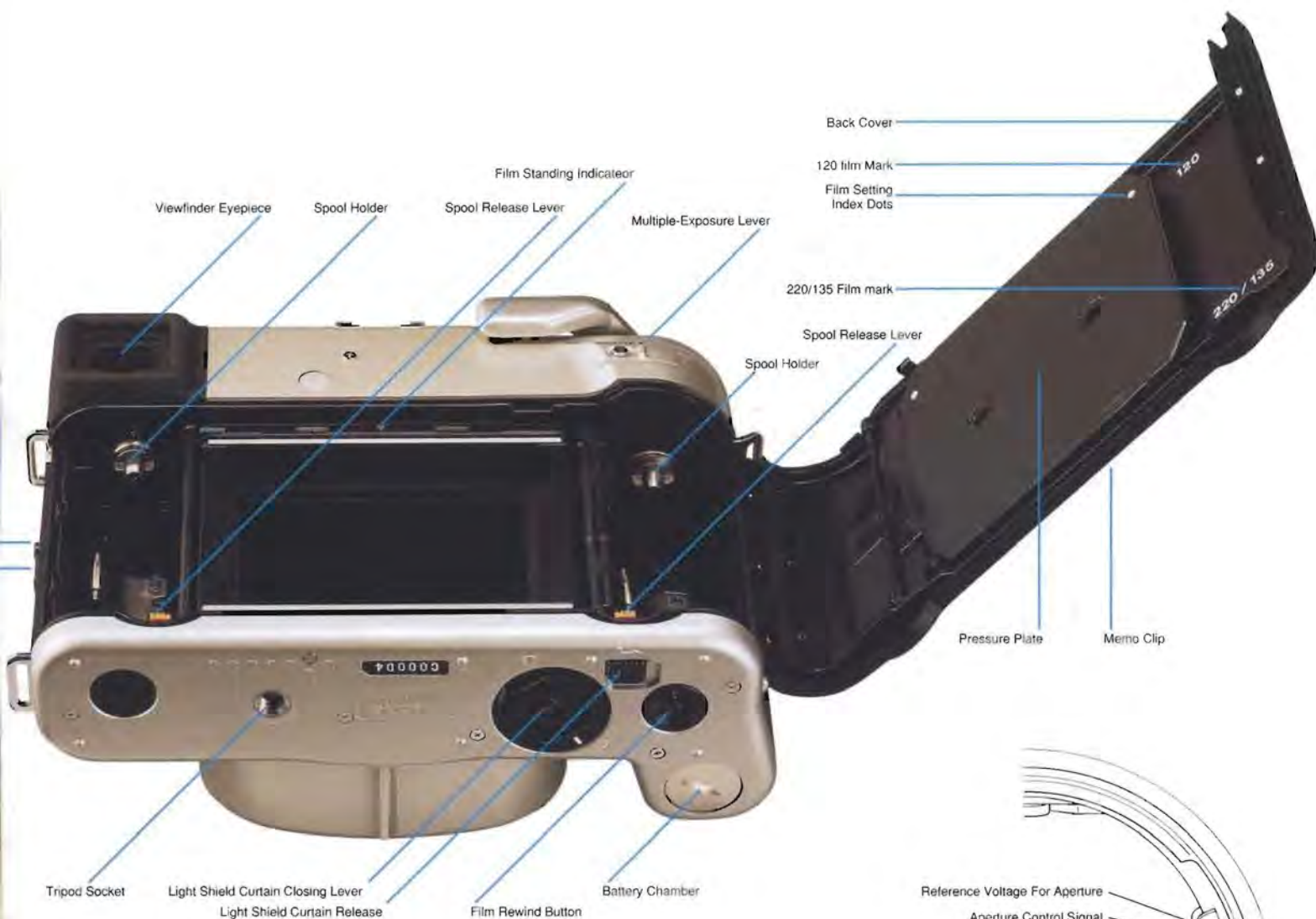
AE, AE-L position dial lock

The dial locks automatically whenever it is set to the AE or AE-L positions, to guard against accidental movement. Hold down the release button to rotate the dial and change to the Manual Mode.

Specifications

Type:	6×7 format rangefinder with interchangeable lenses
Image Size:	6×7cm, medium format (dimensions of actual image = 56×69.5mm) 35mm panorama (dimensions of actual image = 24×65mm)
Films:	120(10 exposures) 220(20 exposures) 135(16 with 36-exposure film, 10 with 24-exposure film) (when using 135 Panorama Kit)
Lenses:	Ultra-Wide-Angle 43mm f/4.5 with Special Viewfinder, featuring Spirit Level and Diopter Adjustment Wide-Angle 50mm f/4.5 with Special Viewfinder, featuring Spirit Level and Diopter Adjustment Wide-Angle 65mm f/4 Standard 80mm f/4 Telephoto 150mm f/4.5 Medium Telephoto 210mm f/8 with Special Viewfinder, featuring Parallax correction and Diopter Adjustment

Focus:	Helicoid-type
Rangefinder:	Split-image, 60mm baseline
Film Advance:	Single-action lever, 185° stroke
Shutter:	#00 Lens shutter (electronic control) B, 4sec.~1/500sec., electromagnetic release, X synchronization at all speeds hot shoe and synch-socket, 10sec, electronic self-timer(automatic reset)
Exposure Control:	Aperture-priority AE SPD sensor incorporated in finder Metering range EV3(f/4,2sec.)~EV18 (f/22, 1/500sec.)with 80mm f/4 at ISO 100 Film settings ISO 25~1600 Exposure correction ±2EV(1/3EV steps)



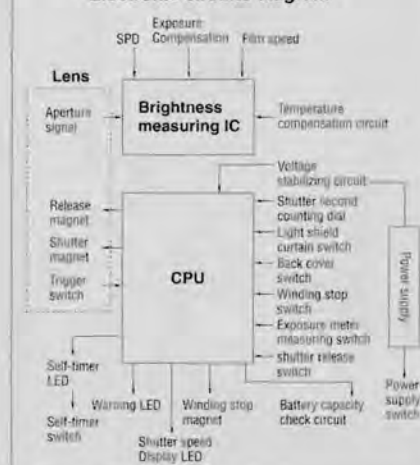
Electronic self-timer

Pressing the shutter release button while holding down the self-timer button provides delay of 10 seconds before the shutter is released. A red LED on the front of the camera remains lit for the first eight seconds and flashes for the final two seconds of the timer operation. You can interrupt a self-timer operation at any time before the shutter is released. Self-timer operation is cancelled automatically after each shot; to help ensure it is not left on accidentally.



View Finder:	Coupled rangefinder for all lenses with auto indexed bright-line frames (65mm, 80mm, 150mm), Auto parallax compensation, magnification 0.57x, 83% image coverage* at infinity, LED readout shutter speed indicator. Separate ultra-wide optical finder supplied with 43mm lens. Built-in Dark Slide Curtain enables instant lens changes.
Safety Interlocks:	1. Double Exposure Prevention. 2. Shutter Release is blocked when built-in dark slide curtain is closed.
Battery:	One 6V (4SR44, 4LR44 or 2CR1/3 Lithium) Battery
Dimensions:	Body - 160 × 112 × 66mm (6.3 × 4.4 × 2.6") w/80mm - 160 × 112 × 120mm (6.3 × 4.4 × 4.7")
Weight:	Body - 920g (32.4oz.) w/80mm - 1.210g (42.7oz.)
Body Color:	Champagne Gold, Black

Electronic circuits diagram



* This information is based on a linear (horizontal/vertical) measurement. Specifications and features are subject to change without notice.

Accessories



35mm Panorama Adapter Kit

This adapter kit includes a panorama film mask, cassette holder, film take-up spool, and rewind crank set. The kit is designed for easy installation and removal. Film loading, shooting, and rewinding procedures are all similar to the operation of a 35mm SLR camera. The film pressure plate on the back cover of the body can be rotated to a 35mm film position that keeps the film flat.

Close-up Adapter Kit NK701



A foldable Close-up Adapter Kit is available for the 80mm f/4 lens. It has a magnification ration of 1:0.32 at a fixed distance of 27.5cm (11").

Close-up taken with Close-up Kit



Close-up taken with 80mm special lens only



Mamiya Magnesium Pan Head AW701

Mamiya Magnesium Ball Head AW702

The perfect choice for the Mamiya Carbon Tripod or Carbon Monopod.

Made of lightweight yet highly rigid magnesium alloy. The 2-handle, 3-way pan head features a large grip. The Ball head has a separate screw for mounting the camera to ensure secure locking. Both items are designed for minimum weight and maximum performance.



Mamiya Quick Shoe AQ702

A one-touch auto lock provides quick attachment, with a double-lock release lever to prevent accidental release. Lens, film, and batteries can be replaced without detaching the camera from the shoe.

Mamiya Carbon Tripod AY701/AY702

Mamiya Carbon Monopod AX701

Multi-layer carbon construction provides outstanding strength and lightness. Innovative Quick-set, non-slip stoppers keep legs securely in position.



AX701



with Filter



Especially designed for simplicity

Mamiya PL Filter ZE702

The PL Filter ZE702, especially designed for adjustment and verification of light polarization effects, makes AEL (Automatic exposure) or Manual modes much easier and free of exposure compensation.

The filter shifts vertically from the shooting position in front of the lens without changing its polarization rotation to cover the small square window which contains the metering cell above the lens mount.

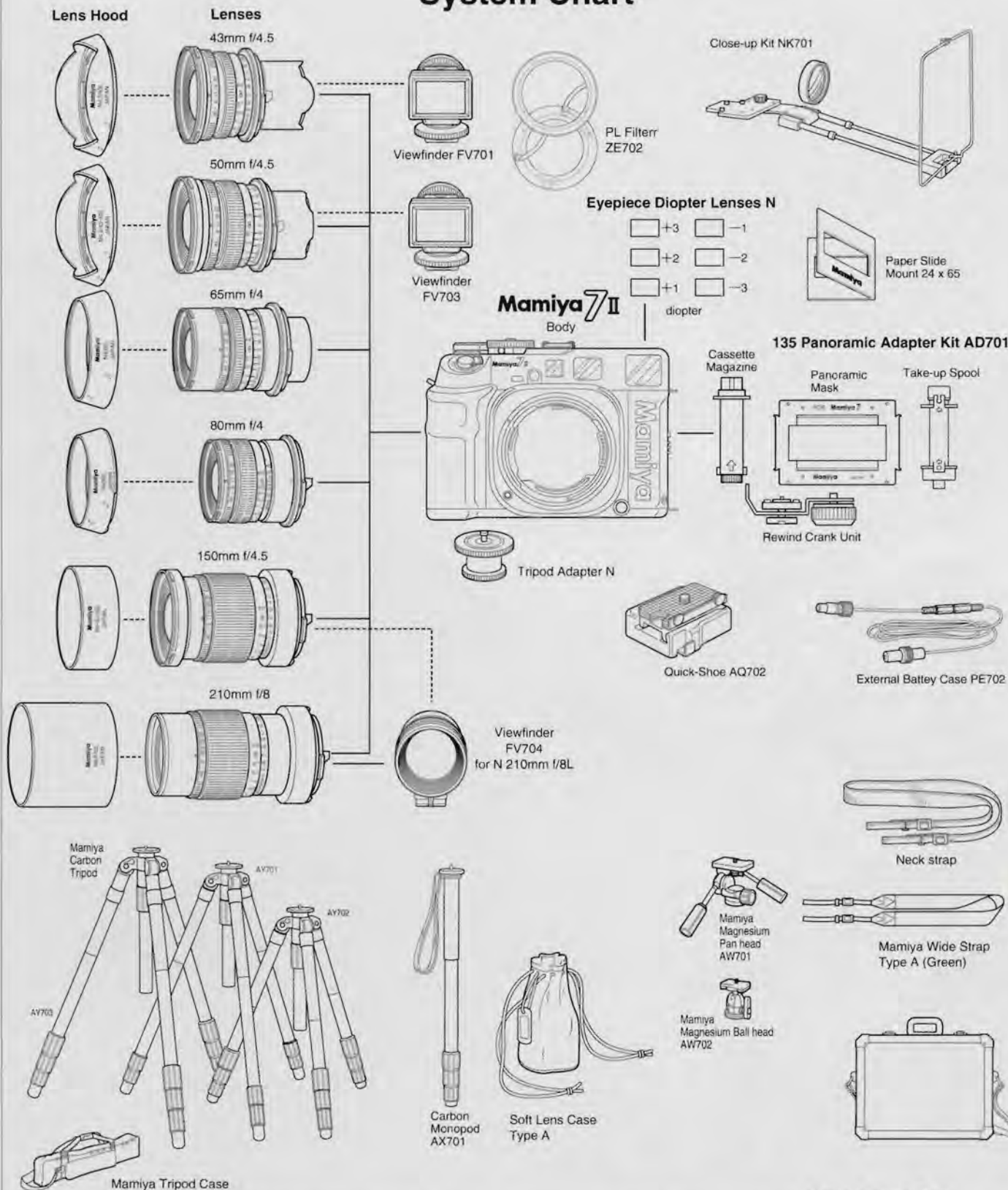
The polarization effect is observed by looking directly through the filter over the top of the camera (not through the camera's rangefinder eyepiece). After determining the polarization effect and metering, the filter is returned to the down position in front of the lens. The filter fits all lenses with 67mm front diameter and is also supplied with a reducing adapter for lenses with 58mm front diameter.



without Filter



System Chart



Specifications	Carbon Poripods			Carbon Monopod
	AY701	AY702	AY703	AX701
Length extended (25 degree leg spread)	1,445mm	1,486mm	1,944mm	1,500mm
Length folded	599mm	490mm	660mm	500mm
Sections	3 steps	4 steps	4 steps	4 steps
Segment diameter (Top leg)	27mm	27mm	31mm	27mm
Leg spread angles	25° 60° 80° *			
Weight	1,580g	1,490g	2,120g	370g
Platform screws	1/4-inch and 3/8-inch			

*Optional Short Center Pole is required for 80° leg spread
Specifications and features subject to change without notice.

Specifications	Magnesium Pan Head AW701	Magnesium Ball Head AW702
Type	2 handle 3 way	Ball and socket head
Camera plate	86 × 55mm	63 × 35mm
Base plate	51mm	44mm
Diameter of ball		φ30mm
Height	110mm	81mm
Weight	620g	160g

Mamiya Aluminum Trunk

Model No.	Outside: W × D × H mm	Weight kg
	Inside: W × D × H mm	
KM705	460 × 344 × 160	3.7
KM706	502 × 371 × 183	4.9
KM707	615 × 371 × 183	5.7
	580 × 350 × 115	

Mamiya 7 II



Photo by LARS THULIN

150mm f/4.5

Printed in Japan

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