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# Mamiya

RB67 Pro-S  
6x7cm Single-Lens  
Reflex Camera,  
Lenses and Accessories





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## Mamiya RB67 Pro-S... the Professional

The ideal system for professional  
single-lens reflex photography



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The RB67 Pro-S is unique. A single camera system designed to provide the working photographer with the precision quality, innovative features, and far-ranging versatility required for photographic excellence in virtually any field—commercial, portraiture, sports, industrial, or scientific.

Everything about the RB67 Pro-S camera is outstanding. The ideally proportioned 6x7cm format accommodates most print enlargements with minimal picture loss. And a complete system of interchangeable accessories are available for a variety of applications. Among its many highlights: a full complement of exclusive Mamiya-Sekor lenses, ranging from a 37mm f/4.5 C fisheye to a 500mm f/8 telephoto; an exclusive revolving back system that accepts a wide range of films, yet permits horizontal or vertical format photography without changing camera position; interchangeable viewfinders and focusing screens for every occasion; even a power drive for effortless, rapid film advance.

The complete system, backed by world-famous Mamiya technology and attention to detail, also includes a rack-and-pinion bellows mechanism and safety features that prevent wasted film and lost shots. All these advanced convenience features, and more, are available to you now in the Mamiya RB67 Pro-S.



## Mamiya RB67 Pro-S Nomenclature and Features



### Complete Revolving Back System

The only 6x7cm format camera in the world with (1) a revolving back, and (2) a complete system of easily interchangeable backs that accommodate virtually every film type: color, black-and-white, even Polaroid® film packs. The Pro-S also accepts film holders from other Mamiya cameras.

### Focusing Knob Lock Lever

Allows the photographer to lock the focusing mechanism after adjusting the focus. Particularly helpful in preventing critical depth-of-field slips during close-up work.

### Single-Action Focusing Hood

The single-action focusing hood of the Pro-S enhances the fast focusing and framing capabilities for which SLRs are famous. A new design allows the focusing hood to be collapsed or opened with a simple motion of one hand. The finder screen is shielded from extraneous light when the magnifier is in position, eliminating troublesome glare and reflections. Magnifiers are available in a variety of diopters to suit individual vision requirements.

### Trouble-Free, Close-Up Photography

With its smooth operating rack-and-pinion bellows, the Mamiya RB67 Pro-S can be used for close-up photography, with or without attachments. A full 46mm extension permits focusing to as close as 3.9cm lens-to-subject distance with the 50mm wide-angle lens. A scale located on the camera body indicates exposure corrections for all lenses and bellows extensions. By adding auto-extension tubes, even photomacrography is possible with many of the lenses.

### Bright, Parallax-Free Viewfinder

A brilliant combination of the large 6x7cm format and parallax-free SLR system provides easy focusing and precise framing of horizontal or vertical shots. Red lines on the focusing screen indicate picture area for horizontal compositions. When the back is rotated for vertical compositions, red lines disappear and picture limits are indicated by dotted lines. You see the area that will appear on the negative, even during extreme closeups and obtain maximum use of the entire film area.

### Special Safety Features

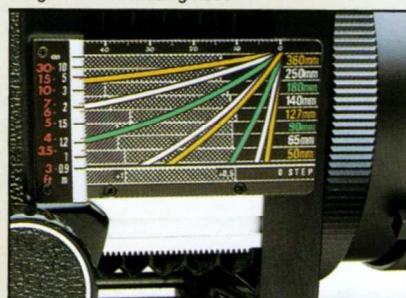
A complete range of safety mechanisms built into the Mamiya RB67 Pro-S prevents wasted film resulting from accidental exposure. Intentional multiple exposure may be taken by using the handy override lever.



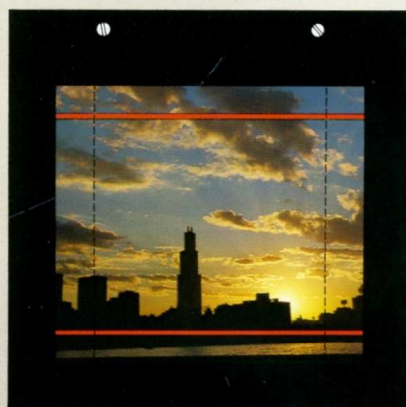
Focusing Knob Lock Lever



Single-Action Focusing Hood



Trouble-Free Close-Up Photography



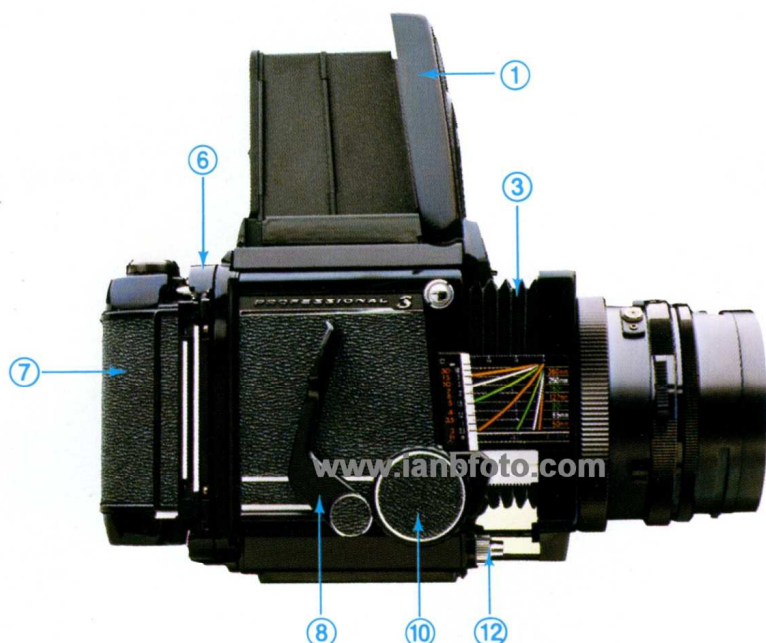
Bright, Parallax-free Viewfinder

Special features are as follows:  
Pro-S 120 and 220 roll film backs are equipped with a double-exposure warning signal.  
The lens cannot be detached with the mirror up.  
The shutter will not trip:

1. unless the film is advanced,
2. until the shutter cocking lever has been pressed down, or
3. while a dark slide is in the film holder.

When the roll film back is removed, the dark slide cannot be removed unless the release lock is pushed.





1. **SINGLE-ACTION FOCUSING HOOD** opens and closes with a touch. Interchanges with magnifying hoods and prism finders, including types with built-in CdS metering systems.
2. **BREECH-LOCK LENS MOUNT** is designed for quick lens changing and secure locking. A safety device prevents the lens from being removed if the mirror is not cocked.
3. **BELLOWS FOCUSING SYSTEM** permits smooth rack-and-pinion focusing and close-up work without special attachments. For ultra-close photography, automatic extension tubes are available.
4. **INTERCHANGEABLE LENS-SHUTTER COMBINATIONS** feature high efficiency and performance. All shutters with speeds from 1 to 1/400 second plus T and full M-X flash synchronization at any speed. Most lenses have multi-layer coatings, automatic diaphragms, depth-of-field scales, and common (77mm) filter threads.
5. **FILM ADVANCE LEVER** is conveniently located on the 120 and 220 roll film holders. Single or multiple strokes of the lever quickly advance the film. The double-exposure prevention system has an internal override.
6. **UNIQUE REVOLVING BACK** system permits horizontal or vertical format photography without changing camera position. Red lines appear on the focusing screen when using the horizontal format.
7. **FILM HOLDERS** include those for 120 and 220 rolls, cut film and plates, and Polaroid film packs. With appropriate adapters, film holders for the Mamiya press camera may also be used.

8. **SHUTTER COCKING LEVER** also cocks the mirror with a single quick motion. A safety device prevents the lens from being removed unless the mirror is down.
9. **INTERCHANGEABLE BACKS** allow complete film-use flexibility. Any back or film holder may be removed in mid-roll without frame loss.
10. **FOCUSING KNOB** is large and easy to use. A second focusing knob is located on the opposite side of the camera for added convenience.
11. **LOCK LEVER** for the focusing knob secures the focus setting and prevents accidental movement.
12. **SHUTTER RELEASE** is conveniently located for efficient exposures. Locking ring prevents accidental exposure.
13. **6x7cm FORMAT** is considered ideal as the negative can be enlarged to 8x10 proportions with virtually no loss of image area.
14. **INTERCHANGEABLE FOCUSING SCREENS** provide the desired view for every type of photographic application. Six different screens are available.

#### PLUS

Film exposure counter • Film position indicator • Multiple exposure lever • Mirror release operating knob • Accessory shoe on camera body • Dark slide storing lugs • Magnifier with interchangeable lenses • Distance scale for all lenses • Depth-of-field preview lever • Multiple safety interlocks • and more!



## Mamiya RB67 Pro-S Lens Series

Mamiya-Sekor lenses are among the sharpest in the world. And for good reason. Unlike single-coated lenses that prevent within-the-lens reflections and ghosts only in certain situations, the Mamiya multi-coating process eliminates reflections over a wide spectrum of photographic conditions. Result: Razor-sharp images. Cleaner, clearer tones. Truer colors. More faithful reproductions than ever before.

**Fisheye**  
37mm f/4.5 C



**Macro**  
140mm f/4.5 C



**Medium Telephoto**  
Variable diffusion for portraits  
S F 150mm f/4.0 C  
Comes with three diffusion  
discs (in plastic case), flexible  
rubber lens hood, front and  
rear caps.

90mm f/3.8 C

**Standard**

127mm f/3.8 C



**Wide-Angle**



65mm f/4.5 C

50mm f/4.5 C





Telephoto

360mm f/6.3

500mm f/8  
Comes with  
lens hood.

180mm f/4.5 C

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Telephoto



Soft Focus



Standard



Fisheye



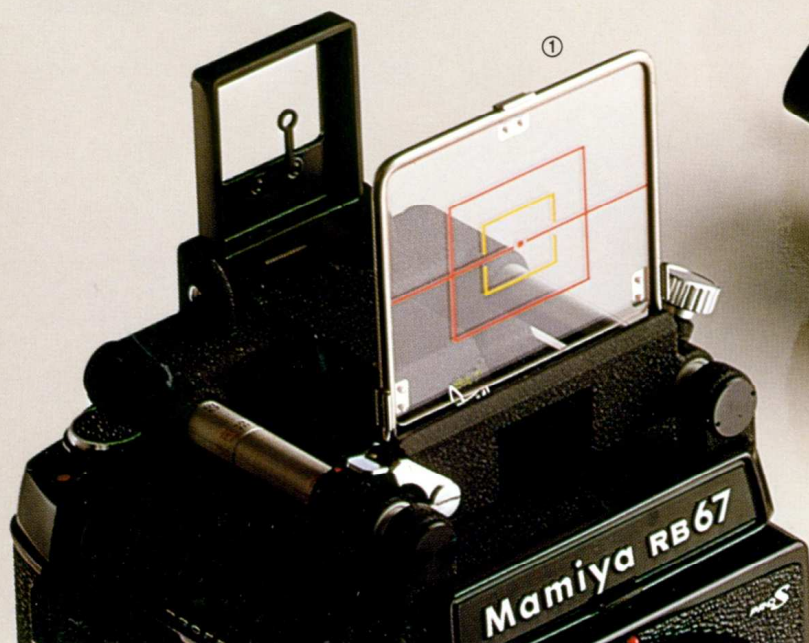
Wide-Angle

|                                       | SPECIAL    |             |  | WIDE-ANGLE |            | STANDARD   |             | TELEPHOTO   |             |             |           |
|---------------------------------------|------------|-------------|--|------------|------------|------------|-------------|-------------|-------------|-------------|-----------|
|                                       | Fisheye    | Macro       | Soft-focus                                 |            |            |            |             |             |             |             |           |
| Lens                                  | 37mm f/4.5 | 140mm f/4.5 | SF<br>150mm f/4.0<br>Variable<br>diffusion | 50mm f/4.5 | 65mm f/4.5 | 90mm f/3.8 | 127mm f/3.8 | 180mm f/4.5 | 250mm f/4.5 | 360mm f/6.3 | 500mm f/8 |
| Angle of view                         | 180°       | 35°         | 33°  | 82°        | 69°        | 52°        | 38°         | 28°         | 20°         | 14°         | 10°       |
| Magnification<br>(based on 90mm lens) | 41X        | 1.75X       | 1.67X                                      | .56X       | .72X       | 1X         | 1.45X       | 2X          | 2.8X        | 4X          | 5.6X      |
| Minimum aperture                      | f/32       | f/32        | f/32                                       | f/32       | f/32       | f/32       | f/32        | f/45        | f/45        | f/45        | f/32      |
| Number of elements                    | 9          | 7           | 5  | 11         | 8          | 7          | 5           | 5           | 5           | 8           | 6         |
| Minimum<br>focusing distance          | 6.4mm      | 52cm        | 61cm                                       | 3.9cm      | 8.5cm      | 20cm       | 43.4cm      | 85cm        | 160cm       | 346cm       | 658cm     |
| Filter size                           | 40.5mm     | 77mm        | 77mm                                       | 77mm       | 77mm       | 77mm       | 77mm        | 77mm        | 77mm        | 77mm        | 105mm     |
| Weight                                | 1,360g     | 830g        | 840g                                       | 920g       | 835g       | 805g       | 750g        | 875g        | 1,310g      | 1,230g      | 2,140g    |



## Mamiya RB67 Pro-S Interchangeable Finders and Backs

1. **Sportsfinder.** Provides a clear, overall view even when following fast-moving sports, races, etc. Useable with all Mamiya-Sekor lenses. Focusing screen can be used with finder attached.
2. **CdS Magnifying Hood Finder.** Built-in CdS meter measures light passing through the lens for correct exposure without the use of compensation factors.
3. **Dual Magnifying Hood Finder.** Utilizes both 3X and 5X magnification and protects against extraneous light for highly critical focusing. Has visibility adjustment capability.
4. **Prism Finder.** An indispensable aid for eye-level photography because it presents the image on the focusing screen exactly as it appears in the original. Finder magnification is 2.2X and interchangeable diopter correction lenses are available. The viewing angle is 30° down for easier tripod use.
5. **CdS Prism Finder.** Ideal for fast camera work and easier camera handling. The CdS exposure meter built into the eye-level type finder is of the average reading type, center-weighted.







**6. Power Drive Control Unit with Power Drive Film Holder**

**7. Pro-S 120 Roll Film Holder** (10 exposures)  
**Pro-S 220 Roll Film Holder** (20 exposures)  
 also available.

**8. Double Cut Film/Plate Holder Type A** (film size 6x9cm)

**9. P-Adapter** (for Polaroid Holder M80 and Model 2)

**10. Film Holder Model 2** for Polaroid® Type 100 and 600 film packs for black-and-white or color prints. Film Holder M80 for Polaroid Type 87/88 square film packs for black-and-white or color prints.

Note: Both Polaroid film holders produce a square (68x68mm) image because the film is larger than the 120 film the camera is designed for.



## Mamiya RB67 Pro-S Special Accessories

**Custom aluminum case** with individual foam-lined compartments for camera, lenses, and accessories.

**Four types of grips** include pistol grip with trigger; deluxe L-grip (permits camera to be held in left hand, has accessory shoe and shutter release); multi-angle L-grip; and grip holder (version of L-grip but no shutter release button).

**Bellows lens hood model 2** with gelatin filter holder (for 90mm to 360mm lens).

**Auto extension tubes** for use with various lenses for close-up and photomacrography. Accessories not shown:

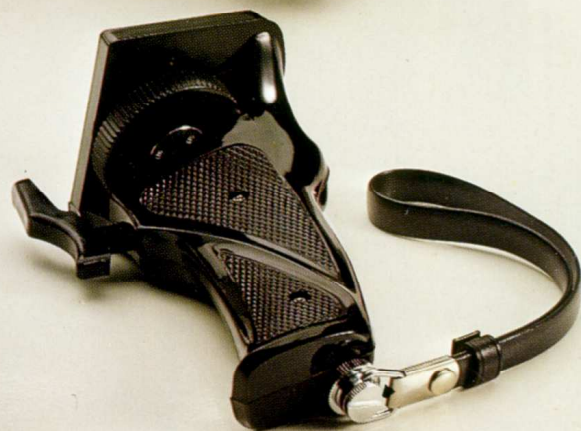
**Mirror-up cable release** takes full advantage of the RB67's mirror-up mechanism.

**Quick shoe** facilitates speedy mounting or removal of camera from tripod.

**Sun shield** for protection from lens flare.

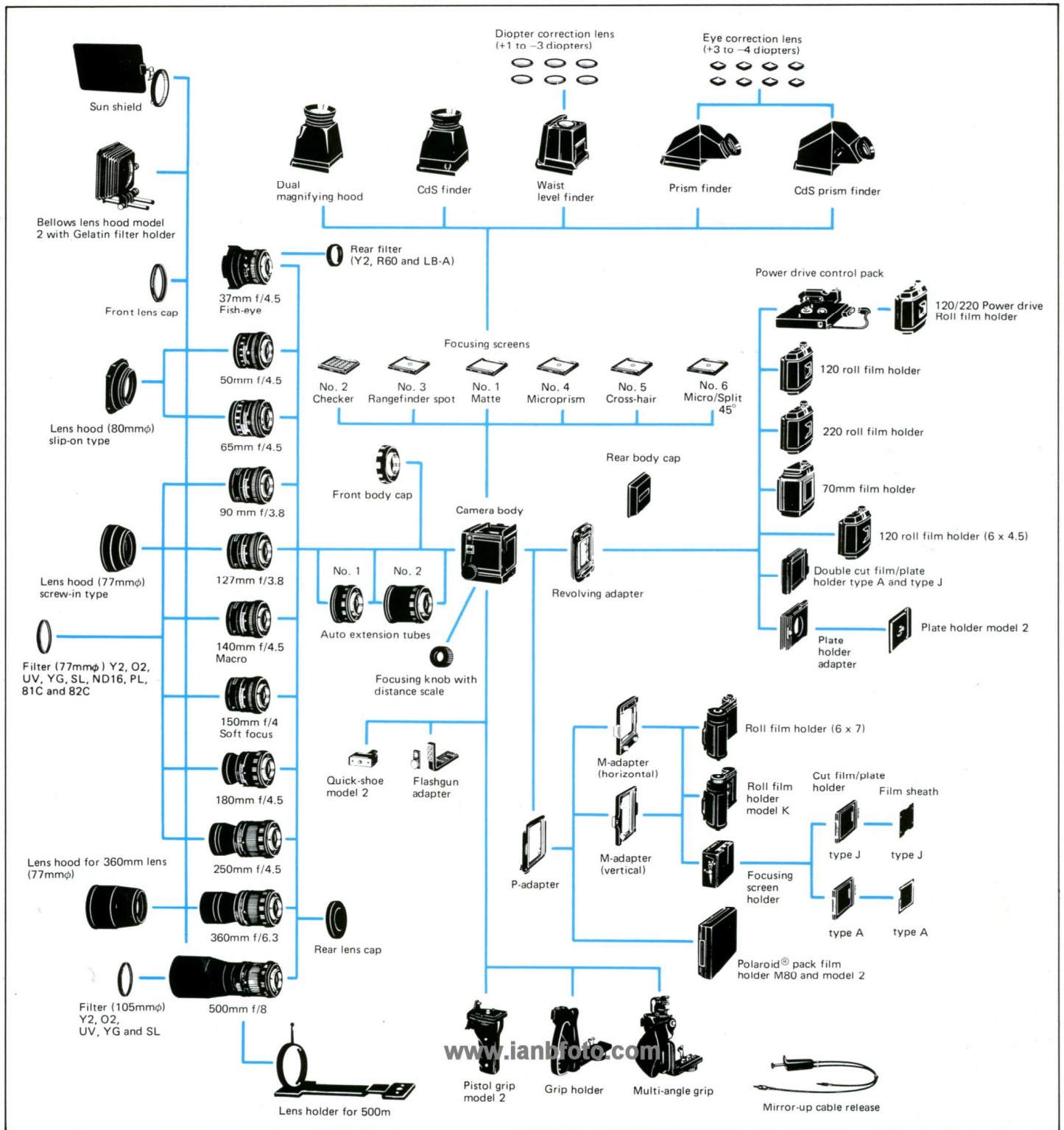
**Other accessories include:** eye correction lenses for Prism Finders, diopter correction lenses for Single Action Hood, soft leather case for all lenses, nine different types of lens filters, flashgun brackets for Heiland or Graflex® mounts, flashgun adapter with accessory shoe, focusing knob adapters, eveready or soft camera case, and focusing knob adapters.

Six screens featuring broken, black lines for horizontal framing and solid lines for vertical framing. Screen types include the Standard Matte which is standard equipment; the Checker with grid markings; Rangefinder Spot with a split-image prism; Microprism for quick focusing; Cross Hair for high magnification closeup photography; and Micro/Split 45° for fast, accurate focusing with a split-image center spot.





# Mamiya RB67 Pro-S Systems Chart





### Specifications of the Mamiya RB67 Pro-S

|                        |   |
|------------------------|---|
| <b>Camera type</b>     | Single-lens reflex with 6 × 7cm format and 90° turn revolving back system.  |
| <b>Film</b>            | 120 roll film (10 exposures) and 220 film (20 exposures) with 6 × 7cm format. Polaroid® land pack (100, 600 and 80 series), cut film and dry plates can also be used. |
| <b>Shutter</b>         | Seiko #1 with T and 1-1/400 sec. shutter speeds. M-X flash synchronization. Shutter set by 75° turn lever on right side of body.                                      |
| <b>Focusing</b>        | Front extension system by rack-and-pinion with dual focusing knobs.   |
| <b>Viewfinder hood</b> | Removable and replaceable to other types of finders. Interchangeable focusing screens.  |
| <b>Standard lens</b>   | Mamiya-Sekor 90mm f/3.8.  |
| <b>Dimensions</b>      | 104(W) × 144(H) × 228(D)mm (with 90mm lens).  |
| <b>Weight</b>          | 2,705 grams (with 90mm lens).   |