

*The only twin-lens reflex with lens interchangeability!*

*Crank wind for rapid shooting.*

# MAMIYA C3

*professional*



An improved version of the MAMIYAFLEX C2, acclaimed throughout the world by professionals and advanced amateurs as the most versatile of all twin-lens reflex cameras, the new MAMIYA C3 "Professional" offers further refinements for superior performance in press and candid photography.

All MAMIYAFLEX C2 accessories, including the interchangeable lenses, will fit this new camera. Users of the MAMIYAFLEX C models will benefit incalculably from this important feature.



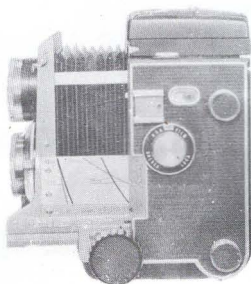
## FIVE SALIENT FEATURES OF THE MAMIYA C3 "PROFESSIONAL"

### 1. Lens Interchangeability, a Unique Achievement

An original MAMIYA development, the interchangeable lens system for twin-lens reflex cameras is the basic feature of the C series of MAMIYA products.

Interchangeable Lenses Available (MAMIYA-SEKOR with SEIKOSHA-S shutter)

Type	Focal Length	Speed Rating	Minimum Aperture	Composition	Picture Angle	Subject Matter
Wide Angle	65mm	F 3.5	f/32	6 elements 5 groups	63°	Snapshots, Close-range photography
Short Focal Length	80mm	F 2.8	f/32	5 elements 3 groups	54°40'	Groups, Snapshots, Close-range photography, Copying
Standard lens	105mm	F 3.5	f/32	4 elements 3 groups	41°20'	Snapshots, Scenes
Long Focal Length	135mm	F 4.5	f/45	4 elements 3 groups	33°	Portraits, Mid-distant Scenes
Telephoto	180mm	F 4.5	f/45	4 elements 3 groups	25°	Stage action, Distant Scenes



## Simple, foolproof construction for quick and easy lens change

The lenses listed above can be quickly fitted at any time, even with the camera loaded. This is facilitated by the unique method of combining in a single unit the main lens, shutter mechanism, and the viewing/focusing lens. Not a single frame of film is wasted, and any number of lens changes can be made, each change taking less than a minute. A special shutter flap protects the film when the lens/shutter assembly is removed, while a warning signal appears below the ground glass viewing/focusing screen when this safety device is in operation.

## 2. Bellows Extension for Extreme Close-Range Photography

Because of the requirements posed by lens interchangeability, the telescoping action of the MAMIYA C3 differs basically from that of other conventional twin-lens reflex cameras in that rack-and-pinion mechanism and a bellows are used. Super-extension up to 60 millimeters beyond normal position is possible so that with the 65-millimeter (wide-angle) lens in use, subjects only four inches away from the lens can be photographed without auxiliary lens or other equipment.

Minimum Permissible Distance Table

Type of Lens	Magnification	Coverage	Distance (from film to subject)
Wide-Angle (65mm)	× .93	2 $\frac{3}{8}$ " × 2 $\frac{3}{8}$ "	10 $\frac{9}{16}$ "
Short Focal Length (80mm)	× .71	3 $\frac{3}{8}$ " × 3 $\frac{3}{8}$ "	1' 1 $\frac{1}{2}$ "
Standard Lens (105mm)	× .31	7 $\frac{1}{16}$ " × 7 $\frac{1}{16}$ "	1' 10 $\frac{1}{16}$ "
Long Focal Length (135mm)	× .25	9 " × 9 "	2' 8 $\frac{1}{16}$ "
Telephoto (180mm)	× .24	9 $\frac{1}{4}$ " × 9 $\frac{1}{4}$ "	3' 10 $\frac{1}{16}$ "

## Parallax Compensation

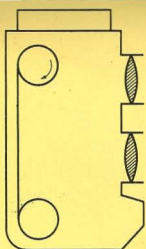
Because the MAMIYA C3 is a twin-lens reflex camera, there is the problem of parallax at close ranges. In order to eliminate this error, there is available the PARAMENDER, a simple device which is fitted between the camera and the tripod head. When focusing, the viewing/focusing lens is lowered to the position normally occupied by the main lens ; and after focusing and picture composition has been effected, the PARAMENDER is operated to raise the camera to normal level.

For easy correction of parallax error when no tripod is used, the ground glass focusing screen is provided with two compensation lines which serve as guides.

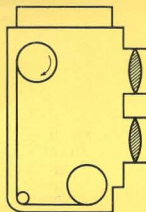
## Exposure Correction Scale

When super-extension is utilized for close-range photography without auxiliary lens, the increased distance between film and lens causes decrease of the amount of light available for exposure. This necessitates correction of the exposure settings. The MAMIYA C3 is provided with a simple direct-reading scale for making this correction.

## 3. Ideal Configuration for Perfect Flatness of Film



Ideally straight film span in the MAMIYA C series



"L" bend of film in conventional cameras

In most twin-lens reflex cameras, the film is stretched across the filmgate in "L" form for maximum compactness. This introduces the danger of impairing perfect flatness of the film. In the MAMIYA C series, the bend has been eliminated at some sacrifice in overall height to insure perfect flatness for precise register at all points of the film.

This construction affords, in addition, the following advantages :

1. Loading and unloading of film is simplified
2. Loading and unloading can be done with camera mounted on tripod
3. The camera base can be strengthened to provide maximum rigidity when mounted on a tripod, or used in conjunction with a flashgun.

#### 4. Extreme Versatility and Fast Action

For versatility and easy and fast operation, the above-mentioned features are further augmented by crank winding and eye-level sighting.

##### Filmwind by Crank

The MAMIYA C3 is provided with a smooth-acting crank for film advance at maximum speed and minimum effort. Automatic filmstop, of course, is provided, as is double exposure prevention. Over-ride of double exposure prevention is possible if multiple exposure of a single frame of film is desired.

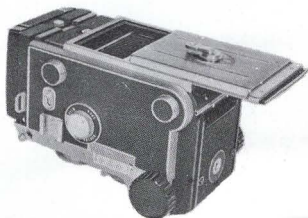
##### Eye-Level Viewing

The fold-down focusing hood incorporates a frame type "sports" viewfinder for eye-level sighting, while the entire hood assembly can be readily removed by loosening a single screw for replacement by the PORROFLEX mirror viewfinder which permits eyelevel sighting and focusing with the image in correct orientation.

#### 5. Single Frame Exposure with Cut Film

By replacing the removable backlid with the single frame attachment, it is possible to make single frame exposures on either dry plate or cut film, in monochrome or color. Economical and efficient single-frame photography is offered to users of the MAMIYA C series of reflex cameras.

A special film cutter is available for easy and accurate cutting of sheet film under darkroom conditions.





## SPECIAL ACCESSORIES

Apart from the leather carrying case, all accessories designed for the MAMIYAFLEX C2 can be used in conjunction with the MAMIYA C3.

### Interchangeable Lenses (with leather case)

65 mm, F 3.5      80 mm, F 2.8      105 mm, F 3.5      135 mm, F 4.5  
180 mm, F 4.5

### MAMIYA C3 Body Only

#### Lens Hoods

for 65 mm lens (no case)      80 and 105 mm lens (with case)  
135 mm lens (no case)      180 mm lens (no case)

#### Filters (by Toshiba)

for 80 and 105 mm lenses (screw-in type, 40.5 mm Diam.) Y2, YG, O2, UV, Sunlite  
for 135 mm lens (screw-in type, 46 mm Diam.) Y2, YG, O2, UV, Sunlite  
for 65 mm and 180 mm lenses (screw-in type, 49 mm Diam.) Y2, YG, O2, UV, Sunlite

#### Compartment Gadget Bag

A convenient leather carrying case is available for stowing the MAMIYA C Professional together with all necessary accessories such as interchangeable lenses, grip holder, filters, film, &c.

Designed so that it will hold the camera even with the 180-mm lens and grip holder attached, no time is lost in packing and unpacking.

#### Gadget Bag

for carrying camera, interchangeable lenses and other accessories.

#### Grip Holder

for convenient and steady holding and carrying of the MAMIYA C3.

#### PARAMENDER (parallax elimination support)

interposed between the camera and the tripod, the PARAMENDER permits lowering the viewfinder lens to main lens level for parallax-free viewing and focusing.

#### PORROFLEX Viewfinder

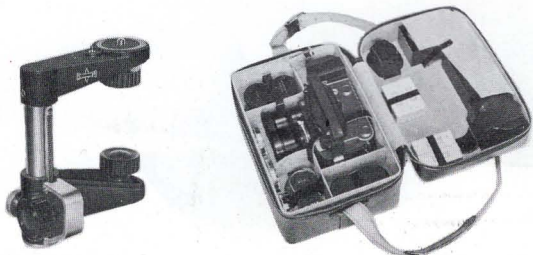
replaces viewfinder hood for eye-level viewing and focusing with correctly oriented image.

#### Single Exposure Attachment

replaces backlid for single exposures of cut film or dry plate in holders.

#### MAMIYA film cutter

for easy cutting of film in darkroom.



## GENERAL DESCRIPTION

**Type:** Interchangeable Lens, Twin-Lens Reflex Camera for 120-Size Film.

**Negative Size:** 6×6 cm ( $2\frac{1}{4}\times 2\frac{1}{4}$  inch), 12 exposures per roll of film.

**Standard Lens:** MAMIYA-SEKOR F 3.5,  $f = 105$  mm, 4 elements in 3 groups,  $41^{\circ} 20'$  picture angle.

**Shutter:** SEIKOSHA-S, B and 1 to 1/500 Sec. Synchro-flash with M and X settings. Manual cocking. Shutter release either by body shutter lever (with socket for cable release) or by direct release lever.

**Lens Change Method:** Lens/shutter assemblies changed by a simple and dependable locking and safety device.

**Focusing:** Rack and pinion adjustment with bellows extension.

**Viewfinder:** Fresnel lens backed ground glass focusing screen is shaded by removable hood incorporating magnifying glass and frame-type "sports" finder. Hood can be replaced with PORROFLEX eye-level viewer providing image in correct orientation.

**Film Advance:** By folding crank. Automatic filmstop and positive double exposure prevention (over-ride provided). Start mark matching at film loading with automatic positioning of first frame. Frame intervals automatically adjusted. Film counter automatically re-sets at each reloading.

**Other features:** Double safety catch for backlid. Backlid removable for replacement with single exposure attachment for cut film or dry plate photography. Exposure correction scale. Parallax correction scale. Graphic distance scale. Film type indication. &c.

**Dimensions, Weight:**  $3\frac{2}{32}''\times 6\frac{1}{4}''\times 4\frac{1}{4}''$ ,  $4\frac{1}{32}$  lbs.



**MAMIYA FOR ORIGINALITY  
AND DEPENDABILITY**

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