

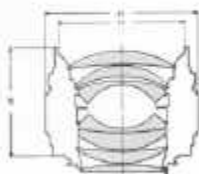


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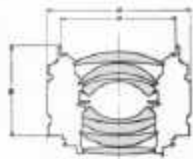


MANUAL FOR
ZUIKO INTERCHANGEABLE
LENS GROUP


■ZUIKO 55mm F1.2

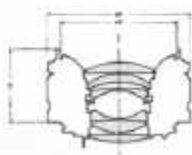
Optically designed to correct aberrations by using a distinctive construction in which the fourth group of elements is arranged to act as a concave with the cemented surface facing the object. Despite the fast lens speed, high resolving power shows no edge fall-off in the picture; ideal for interiors, and low light situations. Accepts a 55mm filter.

- Angle of view: 43°
- Optical construction: 7 elements in 6 groups
- Diaphragm operation: Automatic
- F/stop range: 1.2-16
- Min. focus: 0.45m (17.7")
- Min. photographic range: 15cm x 23cm (5.9" x 9.1")
- Focusing: Straight helicoid
- Weight: 310g (10.9 oz.)
- Length: 47mm (1.9")
- Max. diam: 65mm (2.6")


■ZUIKO 50mm F1.4

Designed to minimize the total length of lens, the sophisticated seven elements in six groups design of this standard lens produces high resolution and high contrast throughout the picture area even at full aperture. Accepts a 49mm filter.

- Angle of view: 47°
- Optical construction: 7 elements in 6 groups
- Diaphragm operation: Automatic
- F/stop range: 1.4-16
- Min. focus: 0.45m (17.7")
- Min. photographic range: 16cm x 24cm (6.3" x 9.4")
- Focusing: Straight helicoid
- Weight: 230g (8.1 oz.)
- Length: 36mm (1.4")
- Max. diam: 60mm (2.4")


■ZUIKO 50mm F1.8

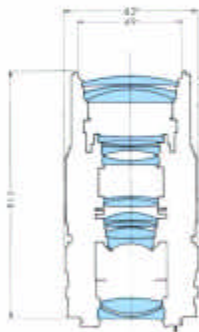
This standard lens is extremely compact and its optical design provides superb definition for maximum edge-to-edge sharp images throughout the focusing range. The fast F1.8 maximum aperture is ideal for most low light level photographic applications. Accepts a 49mm filter.

- Angle of view: 47°
- Optical construction: 6 elements in 5 groups
- Diaphragm operation: Automatic
- F/stop range: 1.8-16
- Min. focus: 0.45m (17.7")
- Min. photographic range: 16cm x 24cm (6.3" x 9.4")
- Focusing: Straight helicoid
- Weight: 170g (6 oz.)
- Length: 31mm (1.2")
- Max. diam: 59mm (2.3")

●ZUIKO ZOOM 75-150mm F4

With an ordinary lens, the angle of view changes only slightly because its focal length is fixed. A zoom lens, on the other hand, is specially designed to allow the photographer to freely vary the focal length. This enables him to produce the effects of many telephoto lenses. Because of the unique optical design, subjects remain in focus throughout the zoom range and the photographer can expect the high resolution and contrast once associated only with fixed focal length lenses. Extremely compact, lightweight and easy to operate, this zoom is convenient for general photography such as portraits, landscapes, particularly efficient when shooting mountain scenery from a tight place. Accepts a 49mm filter.

●Focal length: 75-150mm ●Angle of view: 32°-16" ●Optical construction: 15 elements in 11 groups ●Diaphragm operation: Automatic ●F/stop range: 4-22 ●Minimum focus: 1.6m (5'2 3/8") ●Min. photographic range: 21cm x 32cm-42cm x 64cm (8.3" x 12.6"-16.5" x 25.2") ●Focusing: Revolving helicoid ●Weight: 430g (15.2 oz.) ●Length: 115mm (4.5") ●Maximum diam: 63mm (2.5")



●f=150mm



●f=75mm



●f=100mm

The Macrophoto Group includes five macro lenses, Auto Bellows, Macrophoto Stand, Mechanical Stage, trans-illuminators, color temperature compensation filters, and other equipment designed to meet the highest standards of the macrophotographer. The PMT-35, which consists of approximately 46 macrophotographic units, is available for professionals and advanced amateurs. Also included are interchangeable focusing screens which can be used selectively for focusing at specific image magnifications, and the Varimagni Finder for critical focusing needs.





Even in its conceptual stage, the OM System was designed to incorporate a motor drive and all the related units. The motor drive is an invaluable tool when shooting fast moving objects or taking a series of exposures. The speed of the motor drive can be set for a single series of shots, or a burst of shots five frames per second in sequential photography. The Control Grip, 250 Film Back, AC Control Box, and other units are available in this group. The motor drive has many uses which encompass such varied fields as photo journalism, sports, wild life, and fashion photography. Compact enough for hand-held photography even with a 300mm telephoto lens, the motor drive is perfect for taking photographs of sports and other action subjects.

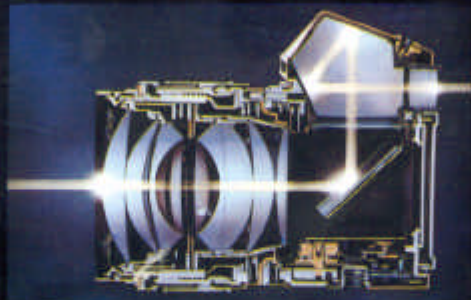


The Olympus OM cameras feature yet another outstanding advantage—the rear back is removable and easily interchanged with the Recordata Back 1 and Memo Holder Back 1. Once in place, Recordata Back automatically imprints numbers and alphabetical letters directly on the picture when the exposure is made. The information can be particularly important when classifying photographs taken with the eye fundus camera, stereoscopic operation microscope, or fiberoptic endoscope, etc.

The Memo Holder Back conveniently holds a film box strip or memo slip. The OM-2 comes equipped with this back.

Other units included in the Photo Technical Group are: OM camera body mounting adapters for Olympus fiber-scopes and stereo operating microscope, an OM lens mounting adapter for Pen F; etc.





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