

OLYMPUS

OLYMPUS
OM-1

OLYMPUS
OM-2



Fantastically small, light, quiet and fast in action, the OLYMPUS OM-1 and OM-2 are also outstandingly precise, versatile, tough and reliable. They mark a revolution in functionality by combining the handiness of rangefinder cameras with the vast adaptability of the 35mm single lens reflex.

The OM-1 and OM-2 benefit from a completely fresh design approach that takes advantage of the latest advances in mechanical, optical and electronics engineering. Function and structure are radically reorganized for a

drastic reduction in size and weight. Yet the size and convenience of essential controls are actually increased, and durability standards are uncompromisingly stringent.

The OM cameras also do much more. For example, the uniquely large, bright viewfinder image is a huge step forward in fast, accurate focusing and composition; the unprecedented smoothness and quietness of the mirror action contribute directly to picture

sharpness—and make possible five-frame-per-second motor drive operation without mirror lock-up.

The superior performance and handling of the OM-1 and OM-2 are apparent in even the simplest kinds of picture taking. However, their total impact on photography is vastly increased by the remarkably comprehensive OM System. Designed along with the cameras, the system puts the same emphasis on performance, compactness and

speed, and ensures the same superb functionality in any photographic field.

Superb Functionality. Sensational Performance. The Dazzling OM-1 and OM-2.



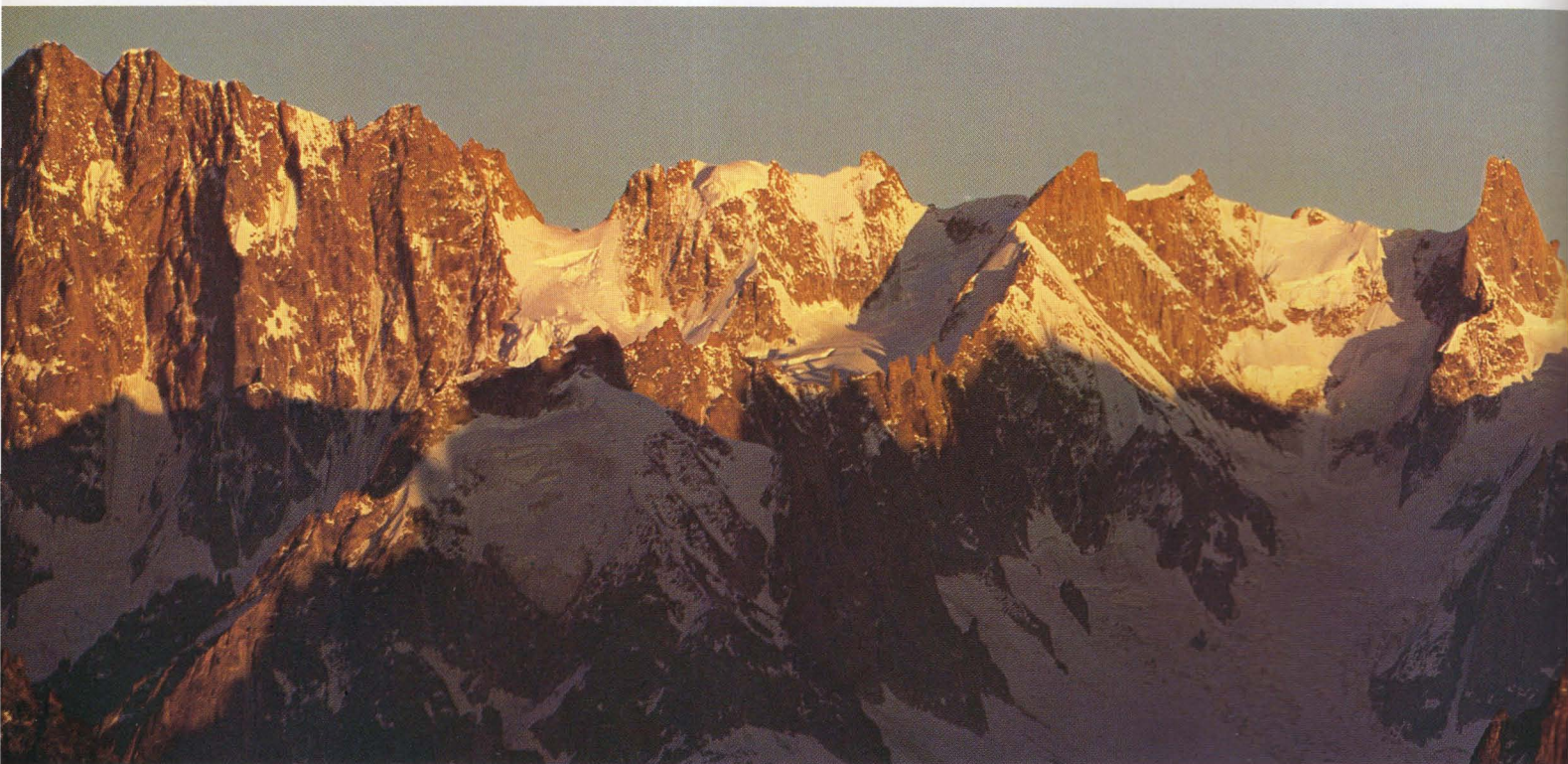
Both the OM-1 and the OM-2 are fully compatible with the entire OM System, and in manual operation their function is identical. Where they differ is in the OM-2's unique additional option of real-time automatic operation using the astounding TTL Direct Light Measuring Method and memory-less electronic shutter control.

Extraordinarily advanced in concept, practical in use, the OM-1 and OM-2 have ushered in a new age in 35mm photography, and captured the enthusiasm of serious photographers everywhere.

Note: Black finished front rings are being gradually introduced for all OM System Zuiko interchangeable lenses.



A Triumphant New



A Higher Order of Engineering

The classic 35mm rangefinder cameras were designed to bring more mobility and range to photography—and succeeded so well that at last amateurs too could enjoy this exciting new hobby to the full.

The 35mm single lens reflex camera proved to be an equally far-reaching development. By showing the exact composition and the focus of the final picture in the viewfinder, and allowing lenses, focusing screens and other units to be easily and quickly interchanged, it made photography a more intimate, more versatile art for professionals and amateurs alike. But the reverse side of the coin was greater bulk, greater weight and higher levels of noise and shock—problems that were aggravated as each sophisticated new feature inevitably added to the cameraman's overall burden.

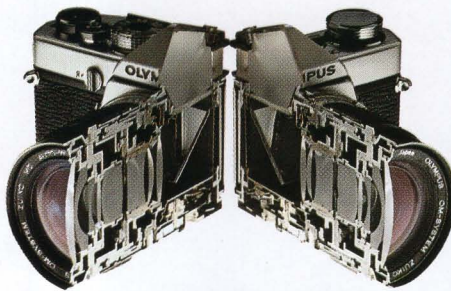
A Five-Year Lead in Functionality

The five-year OLYMPUS OM research and development program was a momentous attempt to restore the balance, and regain the compactness, lightness and quietness of the rangefinder camera without sacrificing the outstanding performance and versatility of the 35SLR.

It called for a completely fresh approach, and a higher order of engineering. It resulted in the OM-1, the OM-2 and the OM System.

The Structure of the OM-1

The construction of the OM-1 shows how much can be done by



rational organization within a clearly defined framework. By starting completely afresh, it was possible to adopt a logical, highly modular structure in which parts interrelate simply and efficiently. This accounts for much of the dramatic saving in size and weight. The same basic efficiency allowed the designers to be generous with individual parts, so there are no false compromises with regard to performance, durability or ease of handling. The use of newer, tougher materials where necessary, and the fine engineering tolerances guaranteed by exceptionally accurate, newly developed manufacturing and control techniques also help to ensure

outstanding reliability and endurance. These qualities have been fully checked by stringent destructive testing in the laboratory, by the experience of climbers on the gale-swept peak of Mount Everest, and innumerable professional and amateur photographers on the most varied and demanding assignments. A further proof is the camera's ability to withstand the enormous stresses of normal operation with the five-frame-per-second OM motor drive.

The Unique AUTO Function of the OM-2

In external appearance, internal structure and MANUAL function, the OM-2 is the twin of the OM-1. Yet when it operates on AUTO, it is unlike any other camera ever made!



Camera Concept



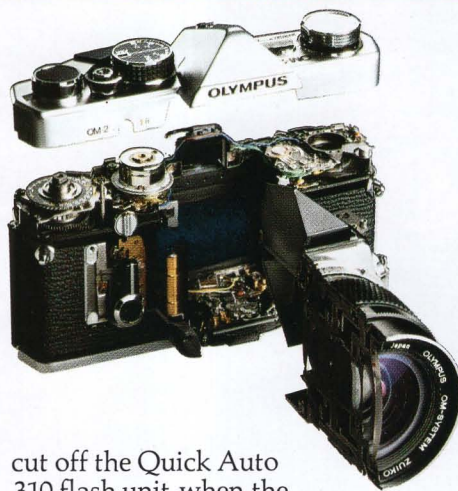
The secret is the incredible TTL Direct Light Measuring Method that at last realizes the camera designer's dream of measuring the light that actually reaches the film surface, while the exposure is in progress. This method makes use of two extremely fast and sensitive SBC (Silicon Blue Cell) sensors facing the film plane. They go into action when the mirror is raised, and ordinary light sensors cease to function. Then they monitor the light directly reaching the film area, allowing the electronic brain to close the shutter at the precise moment the correct exposure is completed. Because the electronic brain works on real time, it makes so-called "memory devices" obsolete, and can compensate for changes in light value occurring after the exposure has begun.

The Six Exclusive Advantages of TTL Direct Light Measuring

1. Real time operation. Other electronic exposure systems go blind at the moment of truth—when the exposure actually begins. This is the vital time when the OM-2 system becomes activated.

2. TTL Centralized Control Flash.

The OM-2 light sensor can measure flash intensity as it builds up in fractions of 1/10,000 sec., and directly



cut off the Quick Auto 310 flash unit when the correct exposure level is reached. This guarantees exact exposures with any focal length lens.

3. Instantaneous action. Unhindered by a "memory device," TTL Direct Light Measuring is the only method that can expose each frame individually even during five-frame-per-second motor drive operation.

4. Extra long exposures. Because it lacks a "memory device" the TTL Direct Light Measuring Method can operate in much dimmer light.

100ASA film can be exposed for approximately 60 seconds at F1.2.

5. No leaking of stray light. With TTL Direct Light Measuring the reading is made during the exposure, while the light path from the eyepiece is

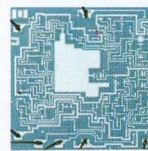
automatically blocked by the upraised mirror. This eliminates the risk of stray light distortion.

6. Accurate readings with any screen.

Light sensors located in the finder section give a distorted reading when clear field type, etc. screens are used. The TTL Direct Light Measuring sensors of the OM-2 completely bypass the finder section, assuring fully accurate light readings whatever the subject, and whichever of the 13 OM System screens is being used.

The Sophisticated Electronic Brain

Accurate, efficient, reliable, simple and compact, the electronic brain of the OM-2 makes use of state-of-the-art



components such as MOS (Metal Oxide Semiconductor) and MSI (Medium Scale Integrated Circuit) as well as new high conductivity metals developed for the space age. The circuit is hermetically sealed against moisture and mounted on high purity alumina plate for exceptional resistance to leakage. The absence of a "memory device" reduces power consumption and sensitivity to temperature and humidity, and increases processing speed.

OLYMPUS
OM-1

The Dynamic Function of

The OM-1 and OM-2 are both fully interchangeable with the whole OM System, and designed to function together with these units with the utmost speed and smoothness. Therefore it is natural they resemble each other closely in appearance and operation.

- OM-1
- OM-2
- OM-1+2

1 Aperture Ring

Full click stops with continuous fine adjustment in between.

2 Focusing Ring

Fitted with textured, non-slip rubber for fast, precise focusing.

3 Lens Release Button

To release OM System interchangeable lenses, press this button and twist lens 70° counterclockwise.

4 Synchro Socket FP and X Flash Selector

Align the red dot with "FP" for FP type bulbs; "X" for electronic flash, M or MF

type bulbs. With FP type bulbs any shutter speed up to 1/1000 sec. can be set. With electronic flash the shutter can be set up to 1/60 sec. In the OM-2 a safety device prevents electronic flash from firing at shutter speeds above 1/60 sec.

5 Body Flange

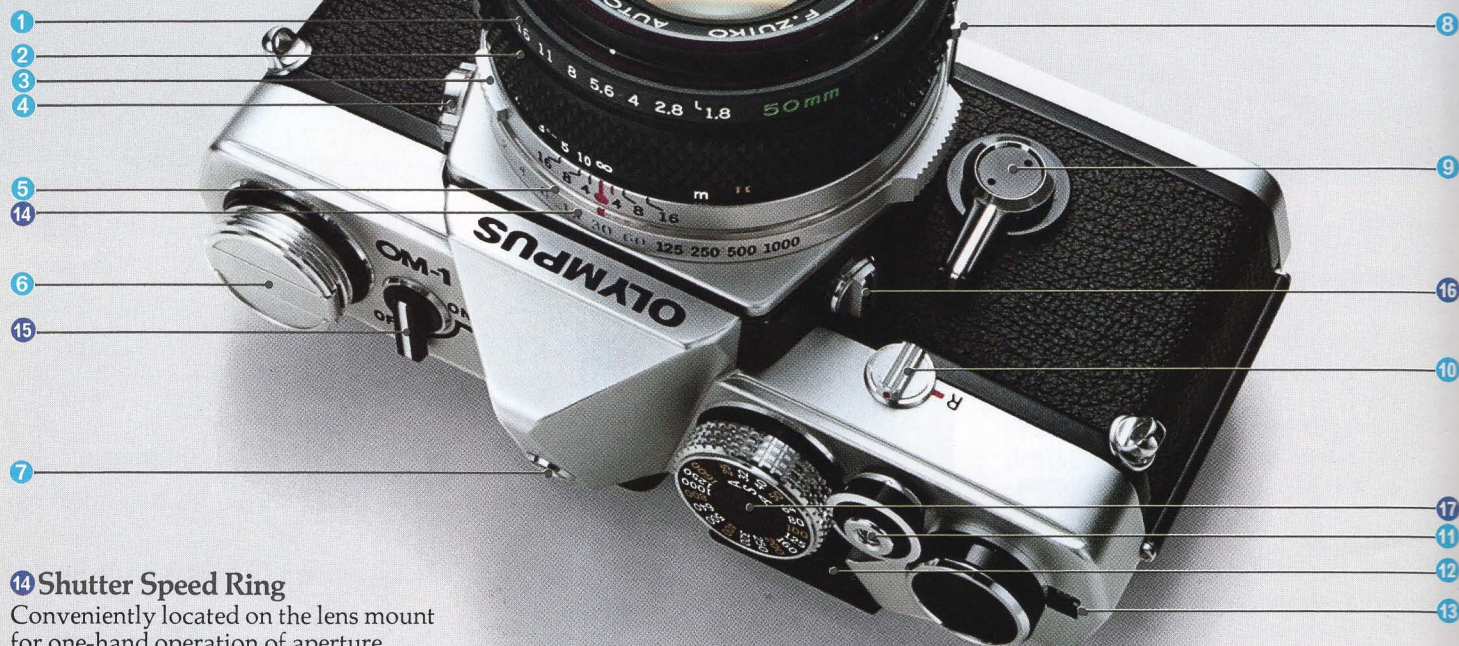
Of extremely tough 18-8 nickel chromium alloy. Unusually large opening to provide full viewfinder coverage with super telephoto lenses, macrophoto, photomicro units, etc.

6 Rewind Crank, Rewind Knob/ Camera Back Release

Extra large and convenient. Pull out knob gently to unlock, more strongly to open camera back.

7 Accessory Shoe Socket

For the detachable hot shoe type Accessory Shoe 1 or, with the OM-2, the Accessory Shoe 2 for TTL Centralized Control Flash.



14 Shutter Speed Ring

Conveniently located on the lens mount for one-hand operation of aperture, focusing and shutter speed controls. 12 shutter speeds are marked from B to 1/1000 sec.

15 Meter Switch Lever

Large, easy to use ON/OFF switch. Switching to ON connects battery and activates meter needle inside the viewfinder.

16 Mirror Lock-Up Lever

Turned 90° counterclockwise to lock the mirror in the "UP" position. Can be set

before or after film advance. Useful in minimizing vibration in copy work, photomicrography, high speed motor drive photography, etc.

17 Film Speed Dial

Film Speed Dial Release Button

For film speeds from ASA 25 to 1,600. Large, easy to read and foolproof. Parts of the metering system are built within the dial to reduce overall camera height.

18 Shutter Speed Ring (for "MANUAL" operation)

Basically the same as on the OM-1. On AUTO the electronic mechanism completely overrides the manual shutter speed setting to expose at the correct speed for the aperture selected, except when the shutter is on "B." To prevent accidental setting of "B," a lock must be released by pressing a reset button.

22 Camera Back

Interchangeable with the Recordata Back 1 or the 250 Film Back 1. To remove, push down the hinge pin.

23 Viewfinder Eyepiece

Lens is recessed for protection from dirt, and eyepiece is grooved on both sides for attachment of Varimaghi Finder, Eyecup 1, Dioptic Correction lenses, etc.

24 Motor Coupling Terminal

Automatically completes the electrical circuit with motor drive or winder unit. An electrical control device prevents motor driven film advance while the shutter is open.

25 Motor Drive Socket Cap

Unscrews to reveal mechanical connection for the motor drive or winder.

26 Tripod Socket

27 Battery Chamber

Contains one 1.35V mercury battery.



the OM-1 and the OM-2

Many of their controls and components are identical, and these are described in the center section. Where parts differ significantly, or are exclusive to one of the cameras, they are described in the separate sections.

OLYMPUS
OM-2

8 Preview Button

Depth of field at preselected aperture can be checked by depressing this button on the lower right side of the lens.

9 Self-Timer Lever

Adjustable for delays of 4-12 seconds. Can be stopped or reset during operation. Activated by start lever which is normally concealed under the timer lever. On the OM-2, self timer pictures can be taken on AUTO without an eyepiece shutter, thanks to TTL Direct Light Measuring. (See Page 4.)

10 Rewind Release Lever

The lever is turned 90° counterclockwise to release film for rewinding. Location on the front of the camera allows film

changing when motor drive or tripod is attached.

11 Shutter Release Button

Ideally located for positive action. The outer ring cups the finger to ensure soft, smooth release.

12 Film Advance Lever

Single or multiple stroke film advance with a 150° winding angle. 30° pre-advance angle means thumb can be left in place for faster picture taking.

13 Exposure Counter

Automatic reset, progressive type with dial calibrated: S. 1, 2, 4, 6 and all even numbers up to 36.E.



19 Selector Lever

Same location and design as with the OM-1, but with four positions: "AUTO," "MANUAL," "OFF," and "CHECK."

The lever permits one touch switching between AUTO and MANUAL modes regardless of the shutter speed setting. It also alters the viewfinder display for added convenience and double checking mode selection. On OFF, the viewfinder is blank; on MANUAL the meter needle appears as with the OM-1; on AUTO the shutter speed scale is also displayed in the viewfinder. Even with the lever at OFF, the shutter will give correct exposures within a normal photographic range.

In the CHECK position a three-stage battery check is activated. The lever returns automatically from CHECK to AUTO to minimize battery wastage.

20 TTL Centralized Control Flash Terminal

Set behind the accessory shoe socket, to link the Quick Auto 310 electronic flash unit directly to the TTL Direct Light Measuring sensors of the OM-2 via the Accessory Shoe 2.

21 Exposure Compensation Dial and Film Speed Dial

For easy exposure compensation up to $\pm 2F$ stops in 1/3F stop increments. The thick white line clearly indicates the exposure compensation and serves as a reminder to reset the dial after exposure. ASA film speed values from 12 to 1,600 are set on the same dial by lifting and twisting the outer ring.

27 Battery Chamber

Contains two 1.5V silver oxide batteries. To protect the IC at the heart of the electronic circuit, a safety circuit is activated to prevent reverse current flow if the batteries are inadvertently inserted upside down. Dead batteries or incorrect insertion give rise to the sequence described in the "Battery Check Lamp" section. Batteries should be reinserted only after resetting the camera as indicated.

● Memo Holder

Film tabs, owner's name and address or other memos are inserted from the bottom and retained by loaded springs.

● Battery Check Lamp (Light Emitting Diode)

Activated by turning the camera selector lever to CHECK. Lights when battery level is satisfactory, flickers when batteries are nearly exhausted, and does not light when completely exhausted. An additional

safeguard prevents photography when batteries are dead or incorrectly inserted, by locking the mirror and film advance and darkening the viewfinder. The camera can then be reset by turning the shutter ring to the RESET position.

● Reset Button

Press this button and turn shutter speed ring to RESET position to reset mirror after sequence described under "Battery Check Lamp."

Eliminate the Negative

Small Size, Light Weight

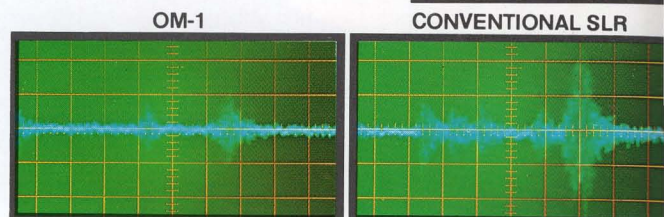
The unprecedented compactness and light weight of the OM-1 and OM-2 make a huge difference to the versatility of the system. Even with the attached motor drive or winder, for example, they can conveniently be taken anywhere, and hand held where other cameras would require a tripod. Lighter weight and smaller size mean far less burden for the cameraman on location. Alternatively, they allow him to take a far greater variety of equipment.



136×83×81mm, 680g. (OM-1 with F1.8 standard lens)
The vital statistics that started a revolution in 35SLRs.

Low Noise and Shock

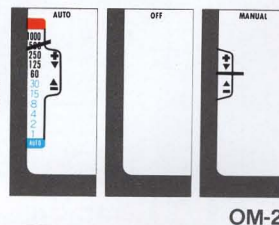
A noisy camera makes candid photography difficult, at times impossible. The related problem of shock can contribute to blurred pictures, as well as reducing the camera's active life. In the OM-1 and OM-2, shutter and mirror noise and shock are dramatically reduced to a level comparable with rangefinder cameras, which do not have the problem of a mirror mechanism. The OLYMPUS solution is a complex answer to a complex problem—four ball bearing trains and a special lightweight curtain drum in the shutter mechanism, a unique air damper to cushion the mirror, and over twenty shock absorbers protecting all contact areas.



The Big, Bright Finder

The image in an OM camera viewfinder is 70% brighter and 30% larger than normal, a huge advantage in speedy, accurate composition and focusing. The explanation is improved coating of the pentaprism and mirror, and adoption of a wider apparent field view.

The OM-1 viewfinder shows the exposure meter index with a centering type meter needle. In the OM-2, the display is different between MANUAL and AUTO modes, disappears completely when the meter is switched off.



OM-1

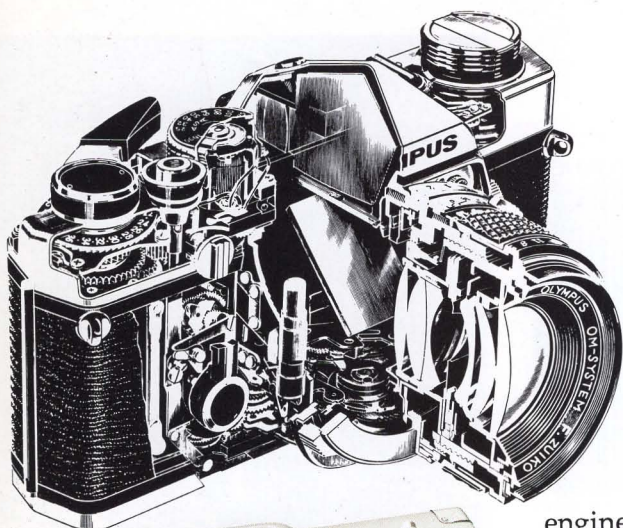
Fast, Smooth Handling

Though the OM cameras are so small, their controls are unusually large and well positioned for fast, effortless operation. The shutter speed ring can be set along with the focus and aperture by the left hand, leaving the right hand free to concentrate on the smooth, positive shutter release. Film speeds are clearly indicated on top of the camera. The oversize rewind crank ensures fast rewind without fiddling, and the rewind release lever is set on the front of the camera for access even when a tripod is being used.

The same concern for speed extends to the system. Lenses, screens, motor drive units, etc. can all be attached in a matter of seconds.



Accentuate the Positive



Tough and Reliable

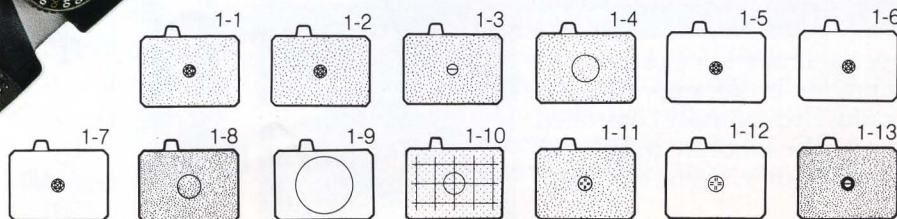
The OM cameras are as tough as they come, guaranteed by destructive laboratory testing and ruthless handling in the most hostile environments. They have withstood biting gales on the top of Everest, continuous battering by photo-journalists, and the heavy stresses of five-frame-per-second motor drive operation without mirror lock-up—all without faltering. The reasons are stronger components, better engineering, and an insistence on quality even when it costs more.

Faultlessly Functional

Conceived and created all of a piece, the OM System benefits enormously from integral planning. Every unit in the system is designed to operate at maximum efficiency in whatever configuration it is used. Functionality is the keyword. It means a versatility to tackle every conceivable subject from the astronomic to the microscopic, the fleeting to the obscure. Plus impeccable performance, remarkable speed and unquestioned reliability.

Interchangeable Focusing Screens

Essential for a true system camera, because no single screen can give a satisfactory view of every kind of subject. Interchangeable focusing screens used to imply detachable, easily scratched pentaprisms, and an extra burden in weight and replacement time. In the ingenious OM method the pentaprism stays fixed, and any of 13 different screens are changed through the front of the camera in seconds.



A Vastly Expanded

Magnificent Virtuosity

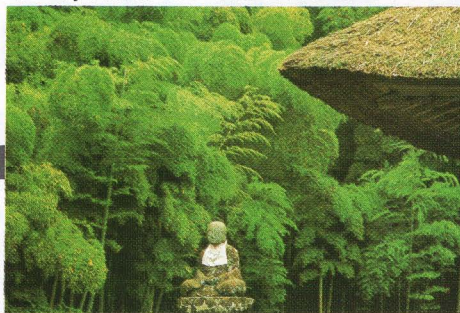
THE LENS GROUP

Some 30 superb lenses from the 8mm fisheye to the 1000mm super telephoto assure the OM photographer full and precise coverage of every kind of subject. Not merely outstandingly sharp, the lenses in this group



benefit from the use of newly developed optical glasses and computerized design techniques to achieve astonishing compactness and light weight. For top convenience, at least one lens in every focal length from 21mm to 200mm takes a 49mm size filter. Many lenses are also among the brightest available in their focal lengths, for example the 24mm F2 super wide angle, and all offer exceptionally consistent performance throughout the focusing range. The choice of no less than four different macro lenses is entirely unique.

Photo by Dennis Stock from "A HAIKU JOURNEY"



performance throughout the focusing range. The choice of no less than four different macro lenses is entirely unique.

Matchless Image Clarity

THE FINDER GROUP

The quality of the viewfinder image is central to the photographer's perception of



the subject. The 13 different screens of the Finder Group assure the OM viewfinder's advantages in size and brightness are fully exploited in every kind of application from astrophotography and super telephotography to photomicrography. The group also includes a full range of dioptic correction lenses, and the unique Varimagini Finder which magnifies the finder image by either 1.2 or 2.5 times.

Minute Precision

THE PHOTOMICRO GROUP

The super-precision optical engineering techniques developed by OLYMPUS as one of the world's leading microscope manufacturers contribute greatly to the quality of OM System lenses. The same expertise also goes to guarantee the incomparable performance and scope of the Photomicro Group. Among the many units are special shutters, a massive, vibration-proof supporting stand, electronically controlled automatic exposure equipment, observation viewers, etc., etc.



Infinite Possibilities

THE PHOTOTECHNICAL GROUP

The Photo-technical Group takes the OM System right out of the normal confines of photography, with fiberscope adapters, an astrophotography adapter and much besides. Another unit in this group is the Recordata Back 1 which can be quickly substituted for the standard OM camera back to record two sets of numbers or alphabetical symbols directly onto the film.



Visual Spectrum



Brilliant Control

THE FLASHPHOTO GROUP

Centered on the Quick Auto 310, which in combination with the OM-2 allows TTL Centralized Control Flash, this group answers the vital need for complete lighting control with typical OM sophistication. The basic unit has a guide number of 34 (ASA100, meters) and a flash angle sufficient to cover the field of a 24mm super wide angle lens. The battery-loaded Bounce Grip reduces recycling time and allows fully automatic bounce flash. With TTL Centralized Control Flash, the light is measured through the camera lens. This makes exposures more accurate, eliminates film speed setting on the flash unit, allows use of any F number, permits closer flash distance, use with bellows, etc.

Because the flash duration is $1/40,000 \sim 1/1,000$ sec. flash is ideal for arresting movement, notably in macrophotography, as well as for normal illumination.



A New Relationship with Time

THE MOTOR DRIVE GROUP

By enhancing our ability to respond, motor drive offers us a profound new insight into the nature of the world around us. In terms both of performance and convenience, the fantastically light, compact OM Motor Drive with its five frames per second maximum speed makes this more accessible than ever before. Such is the gain in handling qualities, a motor driven OM camera can be hand held easily even when a 300mm super telephoto lens is attached. Another huge advantage is the assurance of perfect exposures for every frame when panning on fast moving subjects, thanks to the TTL Direct Light Measuring



Method of the OM-2.

The Motor Drive Group provides a variety of units for every kind of use. They include both a control grip and a rechargeable Ni-Cd control pack, a control box with built-in timer, relay cords for operation at a distance, etc.

The economical Winder 1 also offers exceptional performance, with a super fast wind-on time of just 0.3 sec. and compatibility with many of the group's units.

Maximum Protection with Extra Convenience

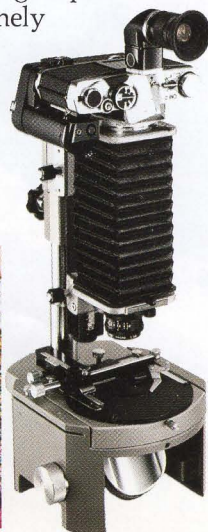
THE CASE GROUP

As precision instruments, the OM cameras, lenses and other units deserve the maximum protection from shock, scratches, dirt and dust. As photographic tools, they require easy, immediate accessibility at all times. The camera cases, lens pouches, compartment cases, etc. of the Case Group are thoughtfully designed to satisfy both these requirements to perfection.

The Key to Fresh Marvels

THE MACROPHOTO GROUP

Photography has vastly increased our awareness of the intricate beauty of things barely visible to the naked eye. In addition to its four macro lenses, this group makes available a large and extremely comprehensive range of units, including auto bellows, close-up lenses, stands, illuminators, etc., for everything from copy work to insect photography.



FISHEYE



ZUIKO FISHEYE 8mm F2.8



ZUIKO FISHEYE 16mm F3.5



ZUIKO 24mm F2.8

THE ZUIKO INTERCHANGE LENS

SUPER WIDE



ZUIKO MC 18mm F3.5



ZUIKO MC 21mm F2



ZUIKO 21mm F3.5



ZUIKO MC 24mm F2



ZUIKO SHIFT 35mm F2.8

WIDE



ZUIKO MC 28mm F2



ZUIKO 28mm F3.5



ZUIKO MC 35mm F2

ZUIKO 35mm F2.8

ZOOM



ZUIKO MC ZOOM 35-70mm F3.6



ZUIKO 50mm F1.8



ZUIKO 50mm F1.4



ZUIKO 55mm F1.2

STANDARD



ZUIKO MC 135mm F2.8



ZUIKO 135mm F3.5

TELEPHOTO



ZUIKO 85mm F2



ZUIKO 100mm F2.8



ZUIKO 300mm F4.5



ZUIKO MC 400mm F6.3

SUPER TELEPHOTO

A Rich Fertility of Vision
Impeccable performance and astonishing compactness—that's the promise of every OM lens. For every kind of photography, there's an OM lens that fits the bill to perfection.

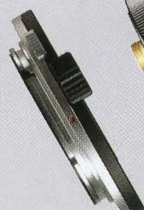
ABLE GROUP



SPECIAL USE



ZUIKO MC
MACRO
20mm F3.5



ZUIKO MC MACRO
38mm F3.5



ZUIKO MC 1:1 MACRO 80mm F2.8

⊗ Automatic correction mechanism against close distance aberrations



Compatible: The meter in the OM-1 and OM-2 (on MANUAL) can not be used. On AUTO, the OM-2 makes correct exposures, but the meter needle does not indicate correct shutter speeds.



Compatible: The meter needle indicates proper exposures. In the combination marked with *, microprism, split-prism and edges of the finder get dark.

TYPE	LENS	ANGLE OF VIEW	OPTICAL CONSTRUCTION ELEMENT-GROUP	F-STOP RANGE	MIN FOCUS (ft.)	WEIGHT (oz.)	LENGTH	FILTER				FOCUSING SCREEN												
								49mm	55mm	72mm	100mm	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-8	1-9	1-10	1-11	1-12	1-13
FISHEYE	ZUIKO FISHEYE 8mm F2.8	180° (circle)	11-7	2.8-22	0.2 m (0.7)	640g (22.6)	82mm																	
	ZUIKO FISHEYE 16mm F3.5	180°	11-8	3.5-22	0.2 m (0.7)	180g (6.3)	31mm																	
	ZUIKO MC 18mm F3.5	100°	11-9	3.5-16	0.25m (0.8)	250g (8.8)	42mm																	
SUPER WIDE	ZUIKO MC 21mm F2	92°	11-9	2-16	0.2 m (0.7)	240g (8.5)	43.5mm																	
	ZUIKO MC 21mm F3.5	92°	7-7	3.5-16	0.2 m (0.7)	180g (6.3)	31mm																	
	ZUIKO MC 24mm F2	84°	10-8	2-16	0.25m (0.8)	280g (9.8)	48mm																	
WIDE	ZUIKO MC 24mm F2.8	84°	8-7	2.8-16	0.25m (0.8)	180g (6.3)	31mm																	
	ZUIKO MC 28mm F2	75°	9-8	2-16	0.3 m (1.0)	250g (8.8)	43mm																	
	ZUIKO MC 28mm F3.5	75°	7-7	3.5-16	0.3 m (1.0)	180g (6.3)	31mm																	
STANDARD	ZUIKO MC 35mm F2	63°	8-7	2-16	0.3 m (1.0)	240g (8.5)	42mm																	
	ZUIKO MC 35mm F2.8	63°	7-6	2.8-16	0.3 m (1.0)	180g (6.3)	33mm																	
	ZUIKO SHIFT 35mm F2.8	63° (Max. 83°)	8-7	2.8-22	0.3 m (1.0)	310g (10.9)	58mm																	
ZOOM	ZUIKO 55mm F1.2	43°	7-6	1.2-16	0.45m (1.5)	310g (10.9)	47mm																	
	ZUIKO 50mm F1.4	47°	7-6	1.4-16	0.45m (1.5)	230g (8.1)	39mm																	
	ZUIKO 50mm F1.8	47°	6-5	1.8-16	0.45m (1.5)	170g (6.0)	31mm																	
TELEPHOTO	ZUIKO MC MACRO 50mm F3.5	47°	5-4	3.5-22	0.23m (0.8)	200g (7.1)	40mm																	
	ZUIKO MC ZOOM 35-70mm F3.6	64°-34°	10-8	3.6-22	0.8 m (2.7)	400g (14.1)	74mm																	
	ZUIKO ZOOM 75-150mm F4	32°-16°	15-11	4-22	1.6 m (5.2)	440g (15.5)	115mm																	
SUPER TELEPHOTO	ZUIKO MC ZOOM 85-250mm F5	29°-10°	15-11	5-32	2 m (6.0)	890g (31.4)	196mm																	
	ZUIKO 85mm F2	29°	5-4	2-16	0.85m (2.8)	260g (9.2)	48mm																	
	ZUIKO 100mm F2.8	24°	5-5	2.8-22	1 m (3.3)	230g (8.1)	48mm																	
SPECIAL USE	ZUIKO MC 135mm F2.8	18°	5-5	2.8-22	1.5 m (4.9)	360g (12.7)	80mm																	
	ZUIKO MC 135mm F3.5	18°	5-4	3.5-22	1.5 m (4.9)	290g (10.2)	73mm																	
	ZUIKO MC 180mm F2.8	14°	5-5	2.8-32	2 m (6.0)	700g (24.7)	124mm																	
SPECIAL USE	ZUIKO MC 200mm F4	12°	5-4	4-32	2.5 m (8.2)	510g (17.9)	127mm																	
	ZUIKO 200mm F5	12°	6-5	5-32	2.5 m (8.2)	380g (13.4)	105mm																	
	ZUIKO 300mm F4.5	8°	6-4	4.5-32	3.5 m (11.5)	1100g (38.8)	181mm																	
SPECIAL USE	ZUIKO MC 400mm F6.3	6°	5-5	6.3-32	5 m (16.4)	1300g (46.0)	255mm																	
	ZUIKO MC 600mm F6.5	4°	6-4	6.5-32	11.0m (36.1)	2800g (98.8)	377mm																	
	ZUIKO MC 1000mm F11	2.5°	5-5	11-45	30 m (98.4)	4000g (141.0)	662mm																	
SPECIAL USE	ZUIKO MC MACRO 20mm F3.5	at highest mag.	4-3	3.5-16	with Auto Bellows and PM-MTob	70g (2.5)	20mm																	
	ZUIKO MC MACRO 38mm F3.5	at highest mag.	5-4	3.5-16	with Auto Bellows and PM-MTob	90g (3.2)	28mm																	
	ZUIKO MC 1:1 MACRO 80mm F4	at highest mag.	6-4	4-22	with Auto Bellows	200g (7.1)	46mm																	

Note: Black finished front rings are being gradually introduced for all OM System Zuiko interchangeable lenses.

Specifications subject to change without notice

THE MOTOR DRIVE GROUP



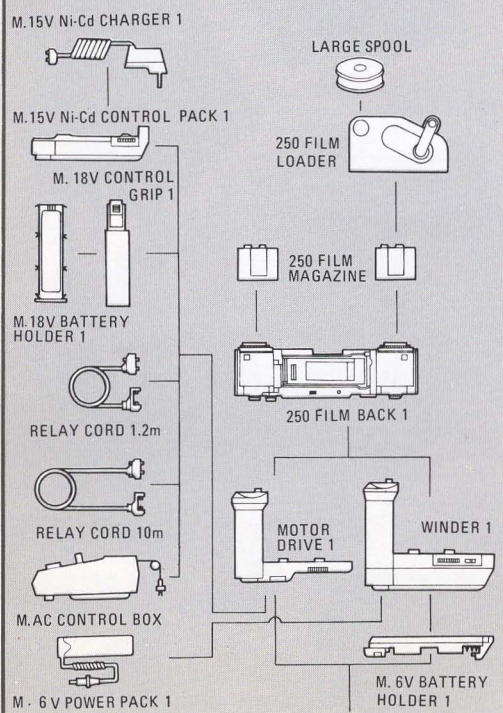
250 Film Back 1

For use of films up to 10m (33ft.) length for prolonged sequence motor drive.

Motor Drive 1

This tiny unit is the heart of the OM System Motor Drive Group. It permits operation at any shutter speed, with a maximum film advance of five frames per second. Weight: 210g (7.4 oz.) Size: 116×82×66mm (4.57×3.25×2.59 in.)

MOTOR DRIVE GROUP



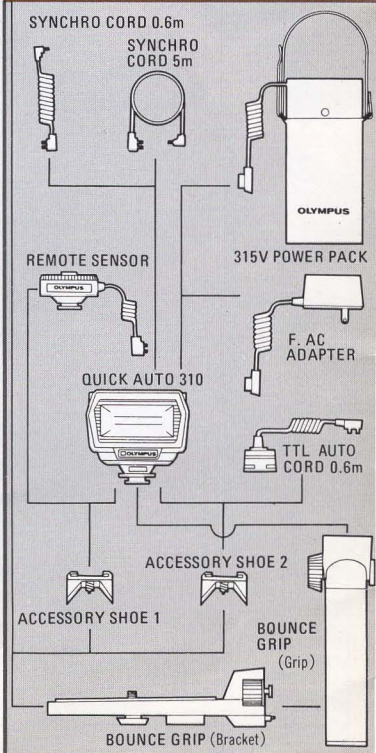
M.18V Control Grip 1

A combination of control grip and power source ideally balanced for action photography with long lenses, etc. Contains the M.18V Battery Holder 1.

M.18V Battery Holder 1

Accepts 12 1.5V Alkaline or 1.25V Ni-Cd rechargeable batteries. Maximum capacity is about 70 rolls of 36-exposure film.

FLASHPHOTO GROUP



Extending the Limits of Human Response

Far smaller, lighter, more versatile and faster, the OM Motor Drive is compact enough to take anywhere, assembles in seconds, and operates at any shutter speed. The maximum speed is five frames per second, without mirror lock-up.

*Except 1 sec. with the OM-1.



M.15V Ni-Cd Control Pack 1

A flat type rechargeable power source that installs in seconds beneath the Motor Drive 1. An extremely compact and convenient package.



Winder 1

Compact and economical for single frame advance, yet with a performance comparable to many motor drives. Can be used together with other Motor Drive Group units.



TTL Auto Cord 0.6m

To connect the Quick Auto 310 with the OM-2 via Accessory Shoe 2 for TTL Centralized Control Flash with Bounce Grip.



Quick Auto 310

A superbly efficient, high power electronic flash unit featuring the world's first TTL Centralized Control Flash capability. Flash angle is wide enough for use with 24mm lens.

Bounce Grip

A compact grip unit that also combines additional battery power source. Adjustable bounce flash angles are calibrated on the side.



Remote Sensor

For automatic bounce flash with the OM-1 or other cameras.



A Brilliant Breakthrough The first and only flash system controlled directly by the camera (OM-2). Outstanding performance, versatility and simplicity in action. Normal AUTO and MANUAL settings are provided in addition to TTL Centralized Control Flash.

THE FLASHPHOTO GROUP

OLYMPUS OM-1

Main Specifications

OLYMPUS OM-2

OLYMPUS OM System.

35mm Single Lens Reflex with focal plane shutter.

24mm×36mm.

OLYMPUS OM Mount, bayonet type; rotation angle 70°,
flange back 46mm.

Zuiko Interchangeable Lens Group mountable.

Focal plane shutter, B., 1—1/1,000 sec., ring mounted control.

FP•X switch type contact.

TTL type. Measuring system: Open aperture center-weighted
metering. Measuring range: EV2—17
(ASA100 with F1.4 standard lens).

Light sensors: 2 CdS sensors. Zero-method with needle visible
in viewfinder. ON/OFF meter switch.
ASA25—1600 with lock button.

1.35V mercury battery (Eveready (or UCAR) EPX625, Mallory
PX625 or equivalents).

Pentaprism type wide-vision finder.
Wide selection of interchangeable screens.
Standard type Focusing Screen 1-13
(micropism/split image-matte type).
97% of actual picture field.

0.92× at infinity with standard 50mm lens.

Vertical 23°30', horizontal 35°.

Exposure index.

Oversize, quick return type with lock-up.
OLYMPUS easy loading.

Lever type with 150° angle for one long or several short strokes,
pre-advance angle 30°, self cocking, double advance
and double exposure prevention.

With Motor Drive 1 unit attached, single frame and continuous
advance at speed of 5 frames per second (at exposures
of 1/500 sec. and above, with fresh batteries and at normal
temperature and humidity).

Progressive type with automatic reset.

Crank type, with rewind release lever setting, automatic return.
4—12 second delay lever type with 180° maximum angle.

Can be stopped and reset after actuation.

Removable hinge type.

Interchangeable with Recordata Back 1 and 250 Film Back 1.

Accessory Shoe 1 attachable

Body only: 136×83×50mm (5.35"×3.27"×1.97"), 510g (18.0oz.)

With F1.8 lens: 136×83×81mm (5.35"×3.27"×3.19"), 680g (24.0oz.)

With F1.4 lens: 136×83×89mm (5.35"×3.27"×3.50"), 740g (26.1oz.)

With F1.2 lens: 136×83×97mm (5.35"×3.27"×3.82"), 820g (28.9oz.)

OM cameras are available in chrome or black finish.

System

Unit type

Film format

Lens mount

Shutter

Synchro

**Automatic
exposure**

**Manual
exposure**

**Film speed setting
Auto/Manual
selection**

Battery check

Power source

Viewfinder

Focusing screens

Finder view-field

**Viewfinder
magnification**

**Apparent
field view**

**Indicators in
viewfinder**

Reflex mirror

Film loading

**Manual film
advance**

**Motor drive
advance**

Exposure counter

Film rewind

Self-timer

Camera back

Hot shoe socket

**Dimensions
and weights**

OLYMPUS OM System.

35mm Single Lens Reflex with automatic exposure control,
electronic focal plane shutter.

24mm×36mm.

OLYMPUS OM Mount, bayonet type; rotation angle 70°,
flange back 46mm.

Zuiko Interchangeable Lens Group mountable.

Focal plane shutter, automatic exposure control from about
60 seconds to 1/1,000 second

(ASA100, F1.2 at normal temperature and humidity).

Manual exposure: B., 1—1/1,000 sec., ring mounted control.

FP•X switch type contact, incorrect flash prevention.

Aperture-preferred automatic exposure control electronic shutter
type.

TTL Direct Light Measuring Method. Measuring range: ASA100, from

F1.2, about 60 seconds, to F16, 1/1,000 second (about EV-5.5—

EV18) (at normal temperature and humidity). Light sensors:

2 SBC sensors. Large exposure compensation adjustment dial:

±2EV (within the ASA film speed range).

Automatic flash exposure: Direct contacts for TTL Auto Flash.

TTL type. Measuring system: Open aperture center-weighted
metering. Measuring range: EV1.5—EV17

(ASA100 with F1.2 standard lens). Light sensors: 2 CdS
sensors. Zero-method with needle visible in viewfinder.

ASA12—1600, set by lifting and rotating film speed dial.

By selector lever.

3-stage battery check lamp (light emitting diode) indicates full
voltage, depleted charge, and exhaustion of batteries.
Shutter lock to limit drainage.

Two 1.5V silver oxide batteries

(Eveready (or UCAR) S-76 or equivalents).

Pentaprism type wide-vision finder.

Wide selection of interchangeable screens.

Standard type Focusing Screen 1-13

(micropism/split image-matte type).

97% of actual picture field.

0.92× at infinity with standard 50mm lens.

Vertical 23°30', horizontal 35°.

By 3-stage selector lever.

Auto: Shutter speed indicator.—Manual: Exposure index.—
Off: Nothing.

Oversize, quick return type (without lock-up).

OLYMPUS easy loading.

Lever type with 150° angle for one long or several short strokes,
pre-advance angle 30°, self cocking, double advance and double
exposure prevention.

With Motor Drive 1 unit attached, single frame and continuous
advance at speed of 5 frames per second (at exposures of
of 1/500 sec. and above, with fresh batteries and at normal
temperature and humidity).

Progressive type with automatic reset.

Crank type, with rewind release lever setting, automatic return.

4—12 second delay lever type with 180° maximum angle.

Can be stopped and reset after actuation.

Removable hinge type, with memo holder.

Interchangeable with Recordata Back 1 and 250 Film Back 1.

Accessory Shoe 1 or 2 attachable.

Body only: 136×83×50mm (5.35"×3.27"×1.97"), 520g (18.3oz.)

With F1.8 lens: 136×83×81mm (5.35"×3.27"×3.19"), 690g (24.3oz.)

With F1.4 lens: 136×83×89mm (5.35"×3.27"×3.50"), 750g (26.5oz.)

With F1.2 lens: 136×83×97mm (5.35"×3.27"×3.82"), 830g (29.3oz.)

Specifications subject to change without notice.

**Progress
through
Precision**

OLYMPUS

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