OM SYSTEM CAMERAS

- Two camera models: OM-1 and OM-2
- A total of 35 different compact, lightweight lenses fit both models
- Over 280 system components are available and they all fit both models

OM-2—FASTEST AND MOST ACCURATE FULLY AUTOMATIC EXPOSURE CONTROL

- OTF (Off-The-Film) light measurement made with sensitive silicon blue cells
- Through the lens automatic OTF flash exposures
- Extended low-light automatic exposure capability to 50 seconds
- Eliminates "exposure lag" between light measurement and shutter operation
- Aperture—preferred exposure control
- Individual light measurement for each frame with motor drive
- Motor drive operation at 5 fps with no need for mirror lock up

OM-1 LIGHTWEIGHT, COMPACT SLR

- Match needle exposure control with open aperture metering
- Controls positioned and scaled for exceptional accessibility
- Mechanism tough enough for motor drive at 5 frames per second, without mirror lock-up
FULLY AUTOMATIC OM-2 FEATURES:

Compact Precision
The OM-2 is smaller and lighter than the average automatic 35mm SLR cameras. Weighing a mere 24 ounces and measuring 5-3/8 x 3-1/4 x 3-3/16 inches, it's a full 35% ahead of almost all competitors. Computer-crafted modular layout reduces camera size and increases functional precision. The exclusive OTF (Off-The-Film) Light Measuring System electronically sets the exact shutter speed for any preset aperture and corrects for changes in light conditions during film exposure. Hermetically sealed circuitry reduces power consumption and increases functional speed and accuracy. The OM-2 has optional manual override and double exposure capability. As part of the total OM System, the OM-2 is the most versatile 35mm SLR automatic on the market.

Larger, Brighter Viewfinder
Thanks to the wide angle OM mirror, the viewfinder image is as much as 30% larger and 70% brighter than other SLRs. With 97% actual picture area in the field of vision, what you see is what you get, providing 3% margin for framing error. The coated mirror and pentaprism minimize light loss. The needle centers on the viewfinder's index for correct exposure and indicates under- and overexposure in half-step increments.

Revolutionary Off-The-Film (OTF) Light Measurement System
Even with flash and motor drive, automatic exposure control is centralized within the camera body. The two SBC (silicon blue cells) of the aperture-preferred OM-2 measure the light as it passes through the lens and strikes the film plane during actual exposure. The camera instantaneously sets the best shutter speed for the chosen aperture, and that speed is indicated on the viewfinder index. On MANUAL, two supersensitive CdS cells flanking the eyepiece measure the light passing through the lens at wide aperture. Aperture and/or shutter speed are then adjusted manually according to the needle in the viewfinder index. Changing lenses requires no meter coupling adjustments.

Smooth, Silent Action
The advanced OM shutter mechanism enables the OM-2 to take clear pictures with barely a sound at shutter speeds from 60 full seconds to 1/1000 of a second. The unique construction features four ball-bearing trains for smoothness, a special lightweight curtain drum for silence, and more than 20 shock absorbers throughout the shutter and mirror mechanisms.

Thirteen Interchangeable Focusing Screens
Thirteen interchangeable screens insure focusing ease, accuracy and maximum versatility for the OM-2. Before OM innovations in compact camera technology, changing focusing screens meant changing a bulky removable pentaprism and getting inner camera surfaces dirty in the process. But these 13 lightweight screens can put any subject into focus in seconds. Olympus makes a screen for every lens and light condition.

Wide Angle, Shockproof Mirror
The extra-large mirror in the OM body—measuring 30.2 x 36.6mm—insures satisfactory image coverage in the viewfinder even with the longest lenses. Because its unique air dampers render it totally shockproof, there's no vibration to blur the image even in photomicrography and with long lenses.
SPECFICATIONS

System
Olympus OM-System consisting of over 200 pieces

Camera Type
35mm Single Lens Reflex with automatic aperture preferred exposure control, and electronic focal plane shutter

Film Size and Capacity
35mm perforated film in 20 or 36 exposure cartridges; removable hinged back accepts 250 exposure back and Recordata Back (optional accessories)

Film Format
24mm x 36mm

Standard Lenses
50mm f1.8 F Zuiko Auto-S. 6 elements in 5 groups
50mm f1.4 G Zuiko Auto-S. 7 elements in 6 groups
55mm f1.2 G Zuiko Auto-S. 7 elements in 6 groups

Lens Mount
OLYMPUS OM Mount, bayonet type

Minimum Focusing Distance
45 cm (17%) with all standard lenses

Lens Accessory Size
49mm threaded for f1.8 and f1.4 lenses;
55mm threaded for f1.2 lens

Shutter
Electronically-controlled focal plane shutter. Automatic exposure control with speeds from about 60 seconds to 1/1000 second. Manual exposure, ring mounted control, with speeds from 1 to 1/1000 seconds, plus B

Auto/Manual Selection
Selector lever for choice of exposure methods

Automatic Exposure Measurement
Through-the-lens open aperture light measurement with two SBC (silicon blue cells) measuring directly at film plane or shutter curtain during actual exposure. Shutter speed indicator visible in viewfinder

Manual Exposure Measurement
Through-the-lens open aperture light measurement with two highly sensitive CdS cells positioned on each side of the viewfinder measuring light entering the lens. Match needle setting visible in viewfinder

Exposure Range
Auto: EV (—)5.5—18. Manual: EV 1.5—17. (ASA 100 with standard f1.2 lens)

Battery
Two 1.5-volt silver oxide batteries (Eveready S-76, Mallory MS-76 or equivalent)

Film Speed Range
ASA 12-1600

Viewfinder
Pentaprism type wide-vision finder shows 97% of actual picture field. Interchangeable focusing screen. With auto operation, shutter speed indicator is visible in viewfinder. With manual operation exposure index is visible in viewfinder.

Viewfinder Magnification
0.92x at infinity with standard 50mm lens

Viewfinder Apparent Field View
23° 30' x 35'

Focusing Screen
1-13 Microprism-matte type provided, interchangeable with the system's other screens

 Reflex Mirror
Over-size, instant return type

Flash Contacts
X and FP with switch.

Flash Synchronization (recommended)
With electronic flash (X)
1 sec. to 1/60 sec.
With Class “M” bulbs (X)
1 sec. to 1/15 sec.
With Class “F” bulbs (X)
1 sec. to 1/15 sec.
With focal plane bulbs (FP)
1/60 sec. to 1/1000 sec.

Prevents incorrect firing of electronic flash. Will not fire when shutter speed is faster than 1/60 sec.

Hot Shoe Socket
Build-in. Easy to attach OLYMPUS hot shoe available

Film Advance
Ratchet type film advance. May be advanced in one stroke or several short strokes for a total of 150° rotation. Built-in prevention against double advance with double exposure override capability. Accepts Olympus Motor Drive for motorized film advance up to 5 frames per second

Film Loading
OLYMPUS easy load system

Exposure Counter
Progressive type from “S” (Start) to 36 and “E” (End). Counter automatically resets to “S” when rear cover opened

Film Rewinding
Rewind crank with automatic resetting rewind release lever

Rear Cover
Removable hinge type. Interchangeable with Recordata Back and 250-Film Back. Includes film memo holder

Dimensions
With f1.8 lens:
136 mm x 83 mm x 81 mm (5%/x 3/4 x 3-3/16")
With f1.4 lens:
136 mm x 83 mm x 86 mm (5%/x 3/4 x 3% ft)
With f1.2 lens:
136 mm x 83 mm x 97 mm (5%/x 3/4 x 3%"
Body only:
136 mm x 83 mm x 50 mm (5%/x 3/4 x 2 ft)

Weight
With f1.8 lens: 690 g (24 oz.)
With f1.4 lens: 750 g (26.5 oz.)
With f1.2 lens: 830 g (29.3 oz.)
Body only: 520 g (18.3 oz.)

ORDERING INFORMATION
OM-2, Chrome, Body Only
Stock No. 101-102
OM-2, 50mm f1.8 Zuiko Auto-S
Stock No. 101-112
OM-2, 50mm f1.4 Zuiko Auto-S
Stock No. 101-122
OM-2, 55mm f1.2 Zuiko Auto-S
Stock No. 101-132
OM-2, Black Body Only
Stock No. 101-152
OM-2, 50mm f1.8 Zuiko Auto-S
Stock No. 101-162
OM-2, 55mm f1.4 Zuiko Auto-S
Stock No. 101-172
OM-2, 55mm f1.2 Zuiko Auto-S
Stock No. 101-182
OLYMPUS OM-1 35mm SINGLE LENS REFLEX CAMERA

1. Mirror Lock-up Lever
2. Rewind Release Lever
3. Self-Timer
4. Preview Button
5. Standard Lens
6. Shoulder Strap Eyelet
7. Motor Drive Socket
8. Motor Drive Guide Pin Hole
9. Battery Chamber
10. Tripod Socket
11. Motor Coupling Terminal
12. Shutter Speed Ring
13. Lens Release Button
14. X and FP Flash Selector
15. Flash Synchronization Socket
16. Hot Shoe Socket
17. Meter Switch Lever
18. Rewind Knob/Rear Cover Release
19. Rewind Crank
20. Aperture Ring
21. Focusing Ring
22. Depth of Field Scale
23. Bayonet OM Mount Ring
24. ASA Film Speed Dial
25. Shutter Release Button/Cable Release Socket
26. Film Speed Dial Release Button
27. Exposure Counter
28. Film Advance Lever
OM-1 35mm SINGLE LENS REFLEX CAMERA

Smaller, Lighter, Tougher
Tough enough to withstand the speed of five-frame-per-second motor drive without mirror "lock-up," sophisticated enough to outperform larger, heavier competitors. The OM-1 weighs only 24 ounces and measures 5-3/8 x 3-1/4 x 3-3/16 inches with the standard f1.8 lens. That's about 35% less than the conventional 35mm SLR camera. But the OM-1 is anything but conventional. Like its automatic OM-2 twin, it is designed to accept all 35 lenses and more than 200 accessories of the OM System. And since the OM-1 is part of the OM System, it's the most versatile semi-automatic 35mm SLR in existence.

Low Noise, Low Vibration
The internal mechanisms of the OM-1 are precision-engineered for smooth, silent action. The focal plane shutter operates without noise and eliminates blur. The unique construction features four ball-bearing trains, a lightweight curtain drum, and more than twenty shock absorbers to insure precise, vibration-free exposure at speeds from 1 to 1/1000 of a second. Special air dampers reduce mirror shock and noise.

Wide Angle, Shockproof Mirror
Precision air dampers are unique to the OM mirror. The extra-large mirror makes viewfinding easy with all lenses and can be locked up for total immobility on the rare occasions it is required.

Larger, Brighter Viewfinder
Thanks to the wide angle OM mirror, the viewfinder image is as much as 30% larger and 70% brighter than other SLR's. With 97% actual picture area in the field of vision, what you see is what you get, providing 3% margin for framing error. The coated mirror and pentaprism minimize light loss. The needle centers on the viewfinder's index for correct exposure and indicates under- and overexposure in half-step increments.

Thirteen Interchangeable Focusing Screens
Thirteen lightweight, interchangeable screens make focusing easy with any focal length lens and under all light conditions. The screens fit through the lens mount and can be changed in a matter of seconds. The pentaprism remains integral to the body.

Through the Lens, Open Aperture Metering
The OM-1 features through-the-lens, open aperture light measurement, for parallax-free viewing and the most accurate exposure control possible. Two supersensitive CdS cells flanking the eyepiece measure the light and display the results on the viewfinder index. Changing lenses requires no meter coupling adjustments.
OLYMPUS OM-1 35mm SINGLE LENS REFLEX CAMERAS

SPECIFICATIONS

System
Olympus OM-System consisting of over 200 pieces

Camera Type
35mm Single Lens Reflex with focal plane shutter

Film Size and Capacity
35mm perforated film in 20 or 36 exposure cartridges; removable hinged back accepts 250 exposure back and Recordata Back (optional accessories)

Film Format
24mm x 36mm

Standard Lenses
50mm f1.8 F Zuiko Auto-S. 6 elements in 5 groups
50mm f1.4 G Zuiko Auto-S. 7 elements in 6 groups
55mm f1.2 G Zuiko Auto-S. 7 elements in 6 groups

Lens Mount
OLYMPUS OM Mount, bayonet type

Minimum Focusing Distance
45 cm (17 3/4") with all standard lenses

Lens Accessory Size
49mm threaded for f1.8 and f1.4 lenses; 55mm threaded for f1.2 lens

Shutter
Focal plane shutter, dial mounted control, with speeds from 1 to 1/1000 second plus B

Self-Timer
4-12 second delay lever type; can be stopped after actuation

Exposure Measurement
Two highly-sensitive CdS cells located on either side of the pentaprism provide through-the-lens open aperture light measurement. Match needle setting visible in viewfinder. On-Off Switch located atop camera.

Exposure Range
EV 2-17 (ASA 100 with f1.4 standard lens)

Battery
1.3 volt mercury battery (Eveready E625N, Mallory RM625-R, GE No. 625 or equivalent)

Film Speed Range
ASA 25-1600

Viewfinder
Pentaprism type wide-vision finder shows 97% of actual picture field; Interchangeable Focusing Screen; visible exposure meter needle.

Viewfinder Magnification
0.92X at infinity with standard 50mm lens

Viewfinder Apparent Field View
20° 30' x 35°

Focusing Screen
1-13 Microprism-Matte Type provided, Interchangeable with any of 12 additional screens

Reflex Mirror
Over-size, instant return type with mirror lock-up control

Flash Contacts
X and FP with switch

Flash Synchronization (recommended)
With electronic flash (X) 1 to 1/60 sec.
With Class "M" bulbs (X) 1 to 1/15 sec.
With class "F" bulbs (X) 1 to 1/15 sec.
With focal plane bulbs (FP) 1/60 to 1/1000 sec.

Hot Shoe Socket
Built-in. Easy to attach OLYMPUS hot shoe available.

Film Advance
Ratchet type film advance. May be advanced in one stroke or several short strokes for a total of 150° rotation. Built-in prevention against double advance with double exposure override capability. Accepts Olympus Motor Drive for motorized film advance up to 5 frames per second.

Film Loading
OLYMPUS easy load system

Exposure Counter
Progressive type from "S" (Start) to 36 and "E" (End). Counter automatically resets to "S" when rear cover opened

Film Rewinding
Rewind crank with automatic resetting rewind release lever

Rear Cover
Removable hinge type. Interchangeable with Recordata Back and 250-Film Back

Dimensions
With f1.8 lens: 136 mm x 83 mm x 81 mm (5 3/8" x 3 1/4" x 3 3/4")
With f1.4 lens: 136 mm x 83 mm x 86 mm (5 3/8" x 3 1/4" x 3 3/4")
With f1.2 lens: 136 mm x 83 mm x 97 mm (5 3/8" x 3 1/4" x 3 1/4")

Body only: 136 mm x 83 mm x 50 mm (5 3/8" x 3 3/8" x 2")

Weight
With f1.8 lens: 680 g (24 oz.)
With f1.4 lens: 740 g (26.1 oz.)
With f1.2 lens: 820 g (28.9 oz.)
Body only: 510 g (18 oz.)

ORDERING INFORMATION
OM-1, Chrome, Body Only
Stock No. 102-002
OM-1, 50mm f1.8 Zuiko Auto-S
Stock No. 101-012
OM-1, 50mm f1.4 Zuiko Auto-S
Stock No. 101-022
OM-1, 55mm f1.2 Zuiko Auto-S
Stock No. 101-032
OM-1, Black, Body Only
Stock No. 101-052
OM-1, 50mm f1.8 Auto Zuiko-S
Stock No. 101-062
OM-1, 50mm f1.4 Auto Zuiko-S
Stock No. 101-072
OM-1, 55 mm f1.2 Auto Zuiko-S
Stock No. 101-082
**FOCUSING SCREENS**

Thirteen lightweight focusing screens fit OM-1 and OM-2 camera bodies for precise focusing through every conceivable lens, including microscopes, telescopes, and photomicrographic work. Screen 1-13 comes with each OM-Camera body, and all thirteen are sold separately, each complete with its own tool for quick mounting. For compatibility with specific lenses, see fold-out Lens Chart.

**1-3 Split image-matte type**

(for most lenses) Stock No. 108-603

Suitable for general photography ensuring critical focusing, and ideal for photographers who prefer the split-field and coincidence type focusing, particularly advantageous when taking a subject with vertical lines, in which focusing is done easily by aligning the split lines. When a lens with a maximum speed of 58 or slower is used, the split priors darken. The meter needle indicates proper exposures.

**1-4 All matte type**

(for most lenses) Stock No. 108-604

Suitable for general photography and ideal for photographers who prefer a clearest view field free from microprism or split prism and for those who are accustomed to focus using matte area. Also suitable for super telephotography as well as close-up photography in conjunction with macro lenses and Auto Bellows. For easy focusing the matte surface is ground rough. The meter needle indicates proper exposure.

**1-5 Microprism-clear field type**

(for standard and telephoto lenses) Stock No. 108-605

This transparent screen provides an exceptionally bright finder image. Highly suitable for snap shots using wide angle lenses. The subject is in focus when the image becomes crisp and clear. The lack of a matte surface means depth-of-field effects cannot be assessed. The meter needle does not indicate proper exposures, because its movement varies depending on the lenses used. Exposure compensation required on OM-1 only (not OM-2).

**1-6 Microprism-clear field type**

(for standard and telephoto lenses) Stock No. 108-606

This screen is compatible with standard and telephoto lenses and provides an extremely bright finder image. Focusing is done on the microprism spot. The lack of a matte surface means depth-of-field effects cannot be assessed and the meter needle does not indicate proper exposures. Exposure compensation is required on OM-1 only (not OM-2).

**1-7 Microprism-clear field type**

(for super telephoto lenses) Stock No. 108-607

Developed primarily for use with super telephoto lenses, this clear field screen provides an extremely bright finder image. The microprism spot remains bright even with a lens with maximum speed is 58, so that this screen is ideal for use with super telephoto lenses with slow lens speed. The lack of a matte surface means depth-of-field effects cannot be assessed and the meter needle does not indicate proper exposures. Exposure compensation required on OM-1 only (not OM-2).

**1-8 All-matte type**

(for telephoto lenses and astronomical telescopes) Stock No. 108-608

This screen is ideal for use with super telephoto lenses of 100mm or more in focal length, or for astrophotography. The extreme finesse of the matte surface permits outstanding field definition. More accurate focusing may be achieved by the use of the Variang-MFinder. When used with astronomical telescopes, bright images of celestial objects are obtained both in direct objective and indirec magnified astrophotography. The meter needle indicates proper exposure.

**1-10 Checkered-matte type**

(for all lenses) Stock No. 108-710

This "all-purpose" screen provides accurate exposure as well as the field from the 6mm field view to the 1000mm telephoto view. In particular useful with a shift lens, to correct perspective distortion in architectural photography.

**1-12 Cross hairs-clear field type**

(for photomicrography and greater than life-size photomicrography) Stock No. 108-612

The transparent screen offers the photographer focusing with an unusually bright finder image. To focus, first correct your eye dioptr, using a dioptr correction lens or Variang-MFinder so that each line of the cross hairs can be seen clearly and separately. Then bring the specimen into focus. The meter needle indicates proper exposure, but depending on the specimen's conditions, the reading must be compensated for with the OM-1 only (not OM-2).

**1-13 Microprism/ split image-matte type**

(for most lenses) Stock No. 108-613

Most suitable for normal photography, this screen ensures pinpoint focusing and is included as standard equipment on the OM-1 and OM-2. The central split-image rangefinder is inclined by a microprism field. Since the enter area has a matte surface, the screen can be used in the same way as the standard 1-1 and 1-3 screens. When a lens with a maximum speed of 58 or slower is used, the prism darkens and the focusing must be made on the matte area. The meter needle indicates proper exposure.

**FOCUSING SCREEN KIT**

Each focusing screen comes with a placement tool that securely locks the screen in place and a cleaning brush. The screen, placement tool and cleaning brush are packaged in a handy, protective compact case.
CAMERA CASES AND STRAPS

DELUXE HARD-LEATHER
OM CAMERA CASE
(Rich Brown Color)

Crafted of genuine leather, this case features a spare battery compartment and quick-release snaps for fast film changing.

ORDERING INFORMATION
For 55mm f1.2
Stock No. 108-300
For 50mm f1.4 and 50mm f1.8
Stock No. 108-301

DELUXE SEMI-HARD
CAMERA CASE
(Dark Brown Leatherette)

This durable and lightweight case features a spare battery compartment and quick-release snaps for rapid film changing.

ORDERING INFORMATION
For 50mm f1.8 and 50mm f1.4
Stock No. 108-306
For 55mm f1.2
Stock No. 108-305

SHOULDER STRAPS AND PADS

One shoulder strap and pad come with each OM-2 and OM-1 camera body.

ORDERING INFORMATION
Camera Shoulder Strap No. 2 with Pad No. 2 (Brown)
Stock No. 108-381
Nylon Flat Braid Camera Shoulder Strap (Brown)
Stock No. 108-382
Nylon Round Braid Camera Shoulder Strap (Brown)
Stock No. 108-383
Camera Shoulder Pad No. 2 (Replacement, Black)
Stock No. 108-385
COMPARTMENT CASES

Compartment cases custom designed to carry and protect OM System components, other photographic accessories, and plenty of film. Durably constructed of leather-look vinyl, with lined interiors.

COMPARTMENT CASE-S


ORDERING INFORMATION
Small Compartment Case S
Stock No. 108-372

COMPARTMENT CASE-M

Features three zippered compartments, a tripod holder, a convenient removable camera holder, a drop-in holder for 3 lenses, and soft, pliable vinyl construction.

ORDERING INFORMATION
Medium Compartment Case M
Stock No. 108-373

COMPARTMENT CASE-L

The largest of the OM Case line, holds two camera bodies with normal lenses, two accessory lenses, the Olympus Motor Drive plus accessories. Additional features include a lock for extra protection, and removable inserts for convenient access to all equipment.

ORDERING INFORMATION
Large Compartment Case L
Stock No. 108-374
OLYMPUS OM CAMERA ACCESSORIES

EYECUP 1
Designed to prevent glare and loss of contrast caused by stray light hitting the eyepiece. Soft rubber construction assures snug, comfortable touch on the forehead. Dioptric correction lens slips into slot in Eyecup 1 and is held by threaded retaining ring.

ORDERING INFORMATION
Eyecup 1
Stock No. 108-500

EYECOUPLER
The Eyecoupler is required for mounting the Eyecup 1 on the camera. Also used with the OM cameras and the Varimagni Finder for photomicrography, it attaches between the camera and the Varimagni Finder, extending the Finder away from the camera for more convenient viewing.

ORDERING INFORMATION
Eyecoupler
Stock No. 108-501

DIOPTRIC CORRECTION LENSES
An aid to easier focusing for those with far-sighted or nearsighted vision. For use with the Eyecup 1. The lens fits into the base of the Eyecup 1 and is held in place by a retaining ring. The uncorrected dioptic power in the OM-1 and OM-2 viewfinders are −.5. Dioptric correction lenses are numbered to indicate the power achieved after the correction lens is in position.

ORDERING INFORMATION
For farsightedness:

+ 2 Diopter Correction Lens • Stock No. 108-512
+ 1 Diopter Correction Lens • Stock No. 108-511
0 Diopter Correction Lens • Stock No. 108-510

For nearsightedness:

− 1 Diopter Correction Lens • Stock No. 108-521
− 2 Diopter Correction Lens • Stock No. 108-522
− 3 Diopter Correction Lens • Stock No. 108-523
− 4 Diopter Correction Lens • Stock No. 108-524
− 5 Diopter Correction Lens • Stock No. 108-525

VARIMAGNIFINDER
A deluxe combination angle finder and magnifier incorporating 9 elements and reflector. Rotates 360° to allow focusing from any position. Can be adjusted for individual eyesight. Images can be changed from 1.2X to 2.5X magnification by selector switch. Ideal for use with copy stand, bellows, microscopes or any situation calling for waist-level viewing.

ORDERING INFORMATION
VarimagniFinder
Stock No. 104-300