

OM-10 BODY



Characteristics

The OM-10 is a 35mm SLR, featuring remarkably functional design and superbly sophisticated electronic circuitry.

- The OM-10 features an extraordinarily light and compact body with failsafe electronic functionality.
- Superior electronic brain for:
The TTL Direct (off-the-film) Light Measuring method the outstanding performance of which was shown by the sensational OM-2, works on real time for light measuring, calculation control, shutter release, etc. in sequential processing.
The OM-10 is the first camera in the world to feature a foolproof audio-visual indicator system, including a piezoelectric ceramic vibrator (PCV) combined with a super bright LED to indicate battery check and self-timer

operation. This provides an unmistakable dual function check in light or dark conditions.

- The OM-10 electronic brain automatically sets the correct shutter speed of 1/60 sec. when the T20 electronic flash is fitted to the camera and switched on.
- The viewfinder LED display is activated at any time by turning the Selector Dial to ON, by lightly pressing the shutter release button prior to taking the picture, or by lightly touching the activator switch projecting alongside the release button. The display switches off automatically 90 sec. later in order to conserve the batteries.
- The OM-10 shares the super fast OM System Winder 1 with the OM-1 and OM-2, to advance the film in 0.3 sec.

Notes • Related Units

- Two 1.5V silver oxide batteries (Eveready (or UCAR) EPX-76 or equivalent) are required as a power source.
- When storing the camera for a long time, remove the batteries.
- Never store the camera where temperatures exceed 50°C (122°F).
- When the camera is used in temperatures under -20°C (-4°F), it may sometimes fail to operate.
To avoid such failure, warm the camera before use.
- The wide range of available units includes Interchangeable lenses, Winder 1, Electronic Flash T20, etc.

OM-10
Stock NO. 101-600
Manual Adapter for OM-10
Stock NO. 106-034

OLYMPUS

OM-10



● Manual Adapter Socket/Manual Adapter Guide Knob

Accommodates the OM-10 Manual Adapter (optional).



● Rewind Crank, Rewind Knob/Camera Back Release

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

● Audio-Visual Indicator Module (with Self-Timer/Battery Check Light and Beeper)

For the first time in the world, a Piezoelectric Ceramic Vibrator (PCV) is adopted to emit an electronic tone for self-timer operation and battery check. The audio-visual indicator module serves as a dual-function indicator unmistakable in either dark or bright surroundings. During battery check the light (LED) and tone (PCV) indication is continuous, and during operation of the electronic 12-second self-timer it works as an intermittent countdown device and reminder.

● Rewind Release Lever

On the front of the camera, ideal for film changing when the Winder 1 or a tripod is attached to the camera base. To rewind the film, turn the lever 90° counter-clockwise. Automatically resets when the film advance lever is operated.

● Shutter Release Button/Activator Switch

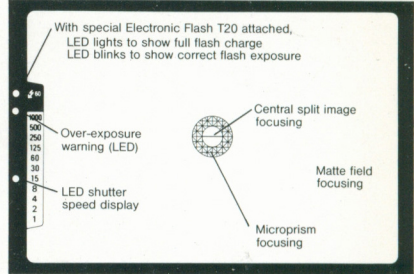
Located in the position naturally adopted by the index finger, and designed so that the finger is supported by the outer ring, for outstandingly soft, positive action. With a light touch on the activator switch energy will begin flowing again, and the light which had gone out after 90 sec. will turn on again. This means that it is always possible to verify the shutter speed.

● Exposure Counter

Automatic reset, progressive type with dial calibrated: S. 1, 2, 4... and all even numbers up to 36, E (End). By opening the camera back, the counter automatically returns to "S".

● Viewfinder Eyepiece

Lens is recessed for protection from dirt, and frame is grooved on both sides for attachment of Varimaghi Finder, Eyecup 1, Dioptic Correction Lenses, etc. The TTL Direct (off-the-film) Light Measuring Method excludes all possibility of stray light leaking through the eyepiece, eliminating the need for eyepiece shutter.



● Selector Dial/Dial Indicator

Large and notched for quicker action, this dial has click stops at each of the four positions: SELF-TIMER/OFF/ON/CHECK. With the indicator at SELF-TIMER, there is an automatic 12-sec. pause between releasing the shutter and taking the picture, with audio-visual reminder. In the SELF-TIMER position, the dial indicator projects behind the camera back, a precaution to prevent accidental setting. At CHECK, an audio-visual indication shows the batteries are properly charged. With the Selector at OFF, all power circuits are switched off, but even then a safety device insures correct auto exposure in normal photographic conditions. At ON, the LED lights to indicate a shutter speed with available light in the viewfinder. This indication switches off automatically 90 sec. later in order to conserve the batteries.

● Accessory Shoe/Flash Contact

The OM-10 provides this special contact to connect the Electronic Flash T20 both to the camera electrical circuit and directly to the electronic brain. This makes possible the dual flash charge/correct flash exposure indication in the OM-10 viewfinder, and allows automatic selection of 1/60 sec. shutter speed when the T20 is switched ON. Flash is synchronized by X contact only.

● Mode Selector Lever

B/AUTO/MANUAL ADAPTER settings. Operated by a lever on the base of the Film Speed Dial. For all normal photography the switch should be set to AUTO. For manual shutter speed setting with the optional Manual Adapter, set to MANUAL ADAPTER. This mode should also be used for flash, except with the Electronic Flash T20, for the shutter speed will be automatically set to 1/60 sec. with the T20. The B setting is mostly used for long exposure available light shots with a tripod. In this mode the shutter remains open until the shutter button is released.

● Exposure Compensation/ASA Film Speed Dial

Allows easy exposure compensation up to ± 2 stops in 1/3 F stop increments within a range from 25 to 1600 ASA. ASA speed values in this range can be set on the dial by lifting and twisting the outer ring.

● Film Advance Lever

Single or multiple stroke film advance with a 130° winding angle. 30° pre-advance angle means thumb can be left in place for faster picture taking.

● Winder Coupling Terminal

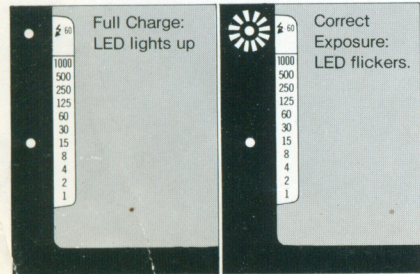
As the Winder 1 is attached, the electrical circuit is automatically completed.

● Battery Chamber

Two 1.5V silver oxide batteries (Eveready (or UCAR) EPX-76 or equivalent) are used. 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.

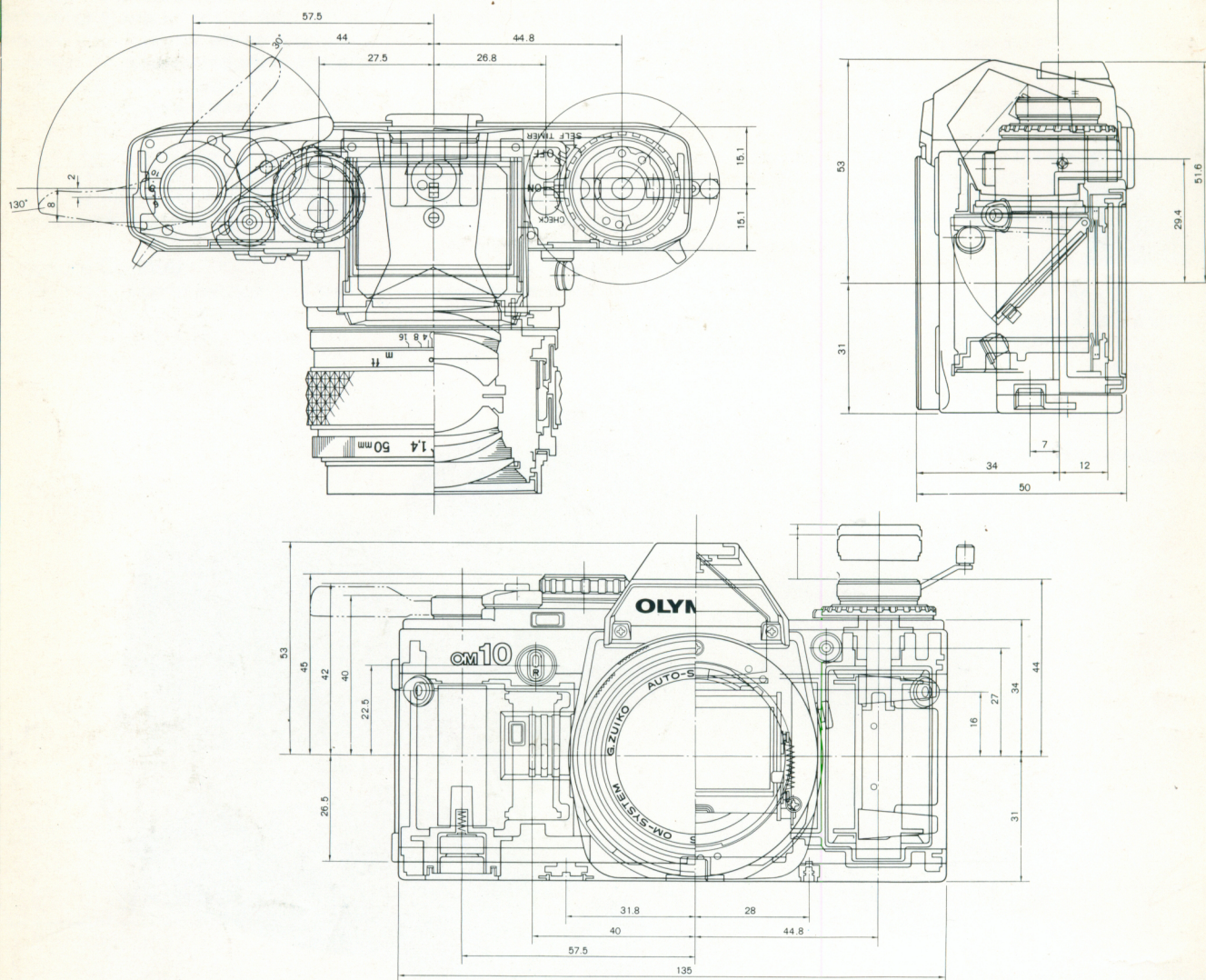
● Winder Coupling Socket

Connects the Winder 1 to the camera mechanically in the same way as a tripod, for outstanding maneuverability enhanced by the automatic exposure control built into the camera.



Actual size

OM-10



● Main Specifications

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

Film format: 24mm×36mm.

Lens mount: OLYMPUS OM Mount, bayonet type.

Shutter: Focal plane shutter, automatic exposure control from 2 seconds to 1/1,000 second (ASA100, F1.2 at normal temperature and humidity).

Synchro: X contact. Direct contact only.

Automatic exposure control: Aperture-priority electronically controlled shutter. TTL Direct (OTF) Light Measuring system. Measuring range: EV-0.5 to 18 from 2 sec. to 1/1,000 sec. at normal temperatures and humidity with ASA 100 and F1.2 50mm lens. Exposure compensation: ±2 EV.

Manual exposure control: Exposure can be controlled manually by the use of the optional Manual Adapter in a range of 11 shutter speeds from 1 to 1/1,000 sec. with the mode selector lever at the "MANUAL ADAPTER" position; and without the adapter, the shutter speed is set at 1/60 sec.

Film speed setting: ASA 25-1600.

Battery check: Battery voltage can be checked by both LED and PCV. Mirror lock to limit drainage.

Power source: Two 1.5V silver oxide batteries. Eveready (or UCAR) EPX-76 or equivalent.

Viewfinder: Pentaprism type.

Focusing screen: Microprism/split image-matte type.

Finder view-field: 93% of actual picture field.

Viewfinder magnification: 0.92X with standard 50mm lens at infinity.

Indicators in viewfinder: 12-step shutter speed scale and flash charge indicated by LEDs.

Reflex mirror: Oversize, quick return mirror.

Film advance: Lever type with 130° angle. It can be wound with one long or several short strokes, 30° pre-advance angle. Power winding is possible with OLYMPUS OM System Winder 1.

Exposure counter: Progressive type with automatic reset, when camera back is opened.

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

Self-timer: Electronic self-timer with about 12 second delay, audio-visual indicator.

Accessory shoe: Built-in type, with direct contact.

Dimensions and weights: Body only: 135×84×50mm (5.3"×3.3"×2")

450g. (15.9 oz) With F1.8 lens: 135×84×81mm (5.3"×3.3"×3.2")

620g. (21.9 oz) With F1.4 lens: 135×84×89mm (5.3"×3.3"×3.5")

680g. (24 oz)

MANUAL ADAPTER

Shutter speeds: Click stop dial setting. 11 steps from 1 to 1/1,000 sec. Exposures set according to LED viewfinder information.

Dimensions and Weight: 30×25×23mm (1.18"×0.98"×0.91"), 7g (0.25 oz).