

# PEN EF



## Characteristics

- A half-frame 35mm camera with built-in flash convenience; lightweight, compact design. Guide number 10 (ASA 100, meters) or 33 in feet.
- Simple operation with programmed EE exposure control.
- Fixed focus, so there is no need for focusing. Focus range is 1.4 meters (4.6 feet) to infinity.
- A red warning mark appears and the shutter release locks when there is insufficient light for exposure.
- Film advance requires only a 4/5 turn of the thumb-wheel with the exclusive OLYMPUS rear-winding system.
- Double the normal number of pictures is possible because of the half-frame size.

## Notes • Accessories

- This camera needs no batteries because the exposure meter is electrically operated by sunlight through the selenium photo cell. (One 1.5V size AA battery is needed for flash function.)
- Do not leave the camera in high temperatures of 50°C (122°F) or more, or in high humidity.
- The camera may not operate normally when used in extremely low temperatures of -20°C (-4°F) or less.
- Do not leave near a TV set or other appliances with a strong magnetic field, or inside a steel container.
- Be careful not to apply excessive force when mounting on a tripod.

### • Filters

Filters often improve your photos by controlling contrast and eliminating unwanted haze. For the Pen EF, 43.5mm screw-in type UV, Y2, 1A, 81C, 82C and ND4 filters are available.

### • Attachment Lens (f=30cm, 43.5mmφ screw-in type)

By attaching this auxiliary lens you can shoot subjects as near as 27.9cm (11") for extremely effective close-ups.

**OLYMPUS**

PEN EF  
Stock No.102-950

# PEN EF

## ● Flash Lever

Depress the lever and the flash diffuser window pops sideways and charging takes place.

## ● Electric Eye (Light sensor cell)

Operated electrically by sunlight so batteries are not needed.

## ● Flash Diffuser Window

Flash beam covers the picture area of 28mm wide-angle lens.

## ● Viewfinder

## ● Rewind Crank/ Rewind Knob

## ● Viewfinder Eyepiece

A red warning mark appears and the shutter release locks when light conditions are too dark for EE exposure. The flash should be used in such cases (the shutter release can be pressed to see whether or not the red warning mark appears, without winding the film).

## ● Charge Lamp

Lights up to indicate condenser is fully charged for automatic flash exposure.

## ● Rear Cover Lock

Used to open the rear cover to load and unload film. The rear cover opens automatically when this lock is pulled down.

## ● Main Specifications

Film format: 35mm standard cassette (24×18mm half frame)

Lens: D Zuiko 28mm F3.5 (4 elements, 3 groups)

Shutter: OLYMPUS programmed shutter.

Auto 1/30 sec. ~ 1/250 sec.

Viewfinder: Luminous bright-frame finder, 0.5X magnification, with red underexposure warning mark.

Film loading: EL (Easy Loading) system.

Film winding: Rear-winding, self-cocking, double-exposure

prevention, double-winding prevention.

Film counter: Progressive type, automatic resetting.

Film rewind: Rewind button and crank rewinding.

Focusing: Fixed-focus (1.4m or 4.6ft ~ ∞).

Exposure: Fully automatic with EE control. Shutter release lock to prevent under-exposure.

Light measuring range: EV 8.5-EV17 (ASA 100).

Film speed range: ASA 25-400.

Flash: Built-in automatic electronic flash. GN 10 (ASA 100,

## ● Lens

Zuiko 28mm F3.5.

## ● ASA Setting Ring

Set the red dot at the ASA sensitivity of the film being used for correct EE operation. Also accepts 43.5mm screw-in type filters.

## ● ASA Indicator

For setting ASA sensitivity.

## ● Film Counter

Counts in 10s to 72 exposures. Automatically resets to "S" when the rear cover is opened.

## ● Shutter Release Button

Located in the natural position for index finger operation. The shutter release locks when light conditions are not suitable for EE exposure.

## ● Film Winding Wheel

Rear-winding requires only a light touch of the right thumb.

## ● Rear Cover

## ● Autoflash Scale

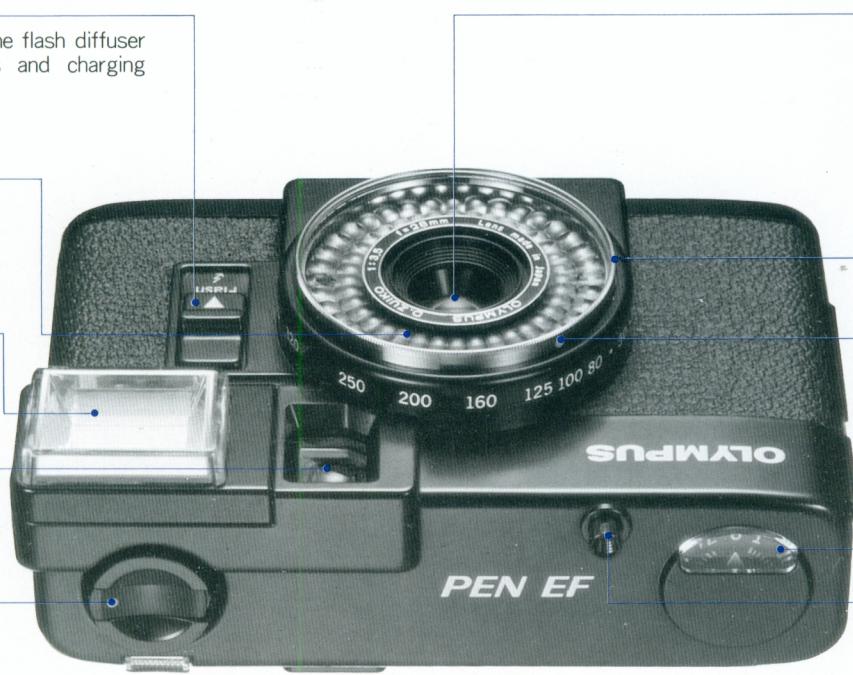
Indicates maximum auto-flash range: 2.8m (9ft.) for ASA 100 film and 5.6m (18ft.) for ASA 400 film.

## ● Rewind Button

Press when rewinding the film. Returns to its original position when the rear film winder is operated.

## ● Battery Chamber Cap

Holds one 1.5V 'penlight' battery, including Ni-Cd. An alkaline battery will provide approx. 150 flashes. To open, slide in the direction of the arrow.



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