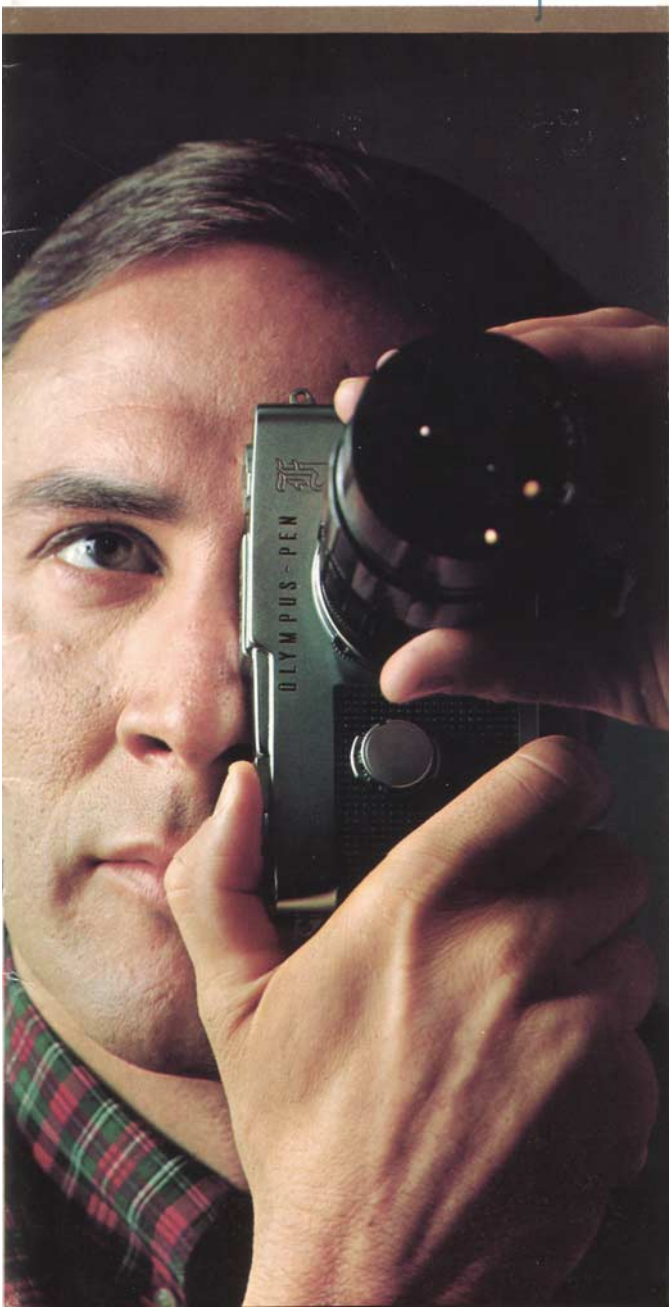


World's First Single
Frame Single Lens Reflex

Olympus
Pen 



Here is a new photographic world opening up . . . for you!!

INTERCHANGEABLE LENSES

E Zuiko Auto W F 4.0 f=25mm



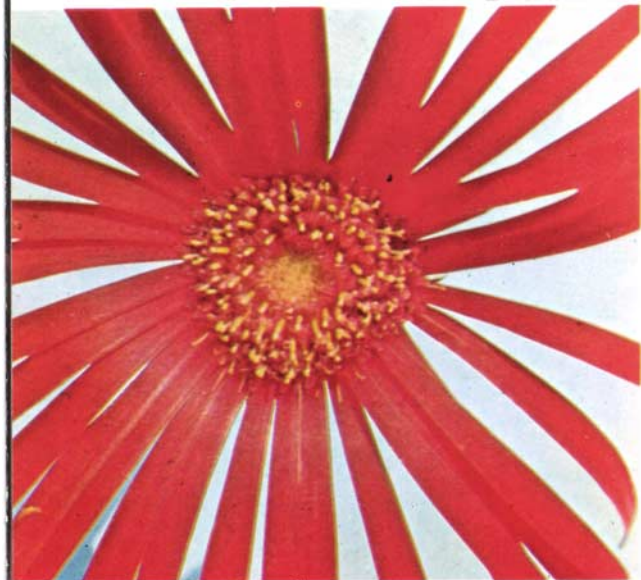
Zuiko Auto Zoom F 3.5 f=50mm—90mm



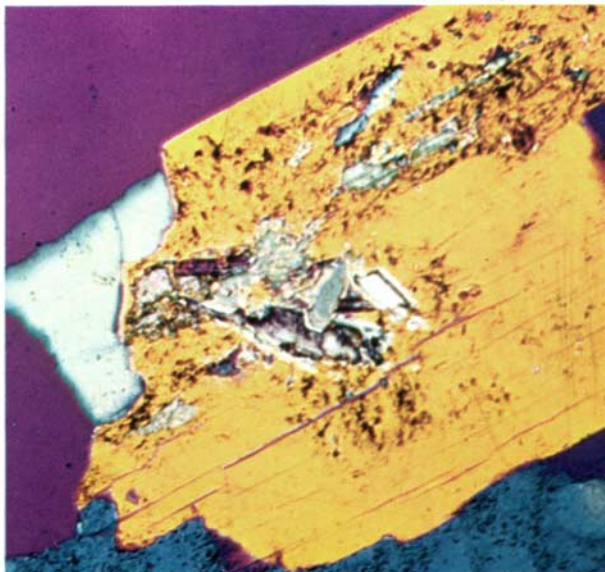
E Zuiko Auto T F 3.5 f=100mm

CLOSE UP with ACCESSORIES

Extension tube



Microscope Adapte

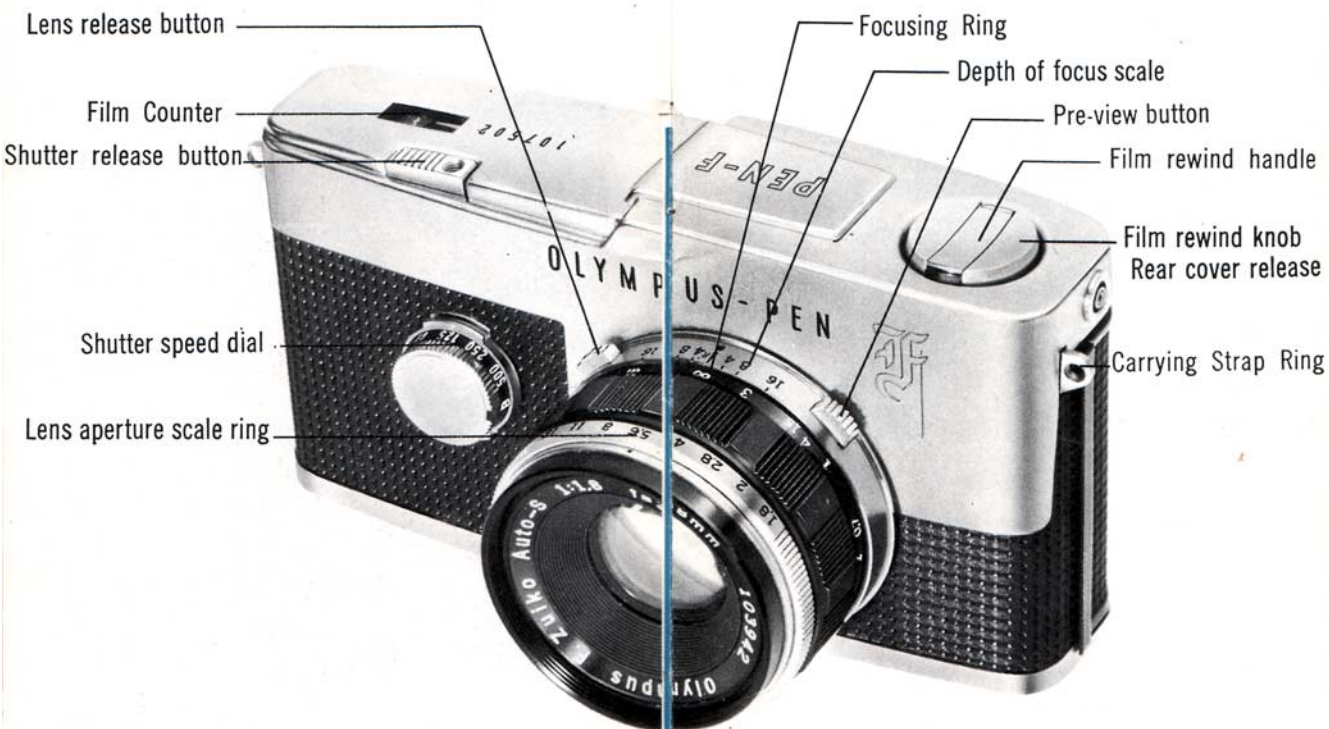


Bellows



Attachment lens 7

Nomenclature of the Olympus Pen F



SPECIFICATIONS

Film size: 18×24 mm (single frame)

Lens: Standard Lens: F Zuiko Auto S F1.8
f=38mm, Fully automatic iris diaphragm

Lens mount: Bayonet type

Shutter: Olympus rotary metal focal-plane shutter with single-pivot, non-revolving shutter dial. Synchronized for electronic flash use. B, 1-1/500 sec., equally calibrated. X setting.

Finder: Fully erected actual image finder. Magnification 0.8X (w/standard lens) Porroprism system with Fresnel lens.

Focus adjustment: Specially computed focusing lens with 5X magnifier

Mirror: Horizontally revolving, quick return.

Film advancing: Double action with 90° self-cocking lever. Double exposure impossible. Self resetting type film counter

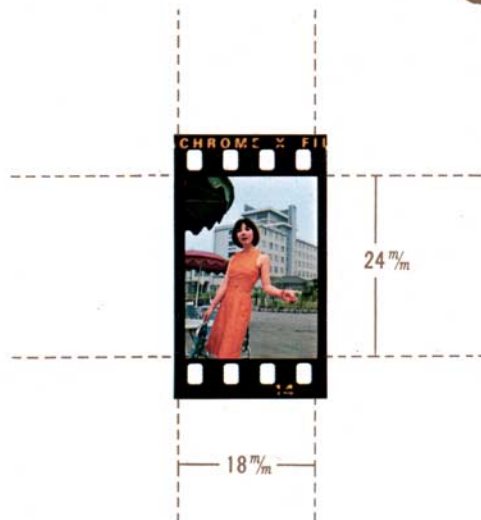
Rewinding: Crank system with rewind release button

Rear cover: Hinge system with release built into rewind knob.

Size: Width: 5 in. (127 mm)
Height: 2³/₄ in. (69.5 mm)
Depth: 2¹/₂ in. (62.5 mm) with standard lens
1¹/₄ in. (32.5 mm) body only

Weight: 1 lb. 3 oz (560 gr.) with standard lens

No modern camera deserves the name unless it's enjoyable and "easy to handle" as your "daily companion", in addition to serving the principal mission, "Shoot pictures surely." Here is our story of the unqualified dependability and the almost enviable ease of usage that belong to the Pen F, modernistic and almighty.



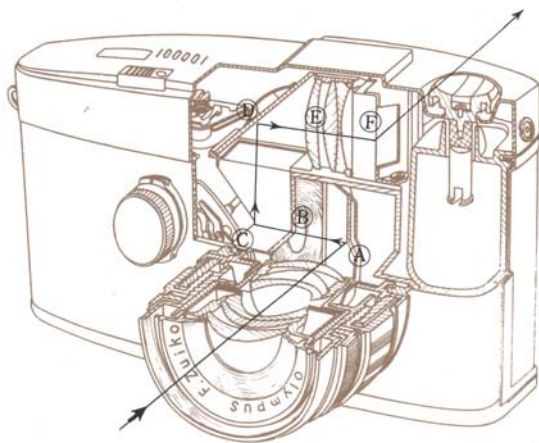
Film Size ... **18x24** mm

"Can this small camera really take pictures?" was the general question asked of the Olympus Pen camera that adopted the film size of 18x24mm (half the size of 35mm camera) in 1959 when the 35mm cameras were most popular. But take a look at the present-day camera world. Truly, 50% of all cameras produced in Japan are of the half size. Olympus Company, leading camera manufacturer of the nation, has alone turned out more than 2 million Pen cameras already. Moreover, it would not be too much to say that its depicting power which easily allows enlargement to quarter size and its inexpensive film cost have fascinated all camera fans. And the advent of the half size was quite timely. The day is approaching, yes, close at hand when 18x24mm will become the standard size for negative film.



A Single Lens Reflex Camera... without the triangular hat!!

"Why, this a single lens reflex....?" you might wonder, and you are absolutely right in asking this question. For it's been common sense to associate the triangular hat of pentaprism with single lens reflex cameras. Key to the unique design of the Pen F, trimmed up with the hat off, is the "PORROPRISM SYSTEM" that has been developed for the sake of the Pen F. The horizontally opening "SHOCKLESS QUICK RETURN MIRROR" works really three times as fast as conventional mechanisms. Along with the "ROTARY METAL FOCAL PLANE SHUTTER", it successfully raised the photographic functions to a higher level. It's a distinctive mechanism which has only been made possible by the adoption of the Pen size (half size).



Porroprism System

Light enters through the photographing lens, is reflected to left by the quick return mirror (A), and forms an image on the focusing screen (B). The light is reflected upward by the prism (C), turns to right by the upper mirror (D), and passes through the three-piece eye lens (E) before it is reflected backward by the eye prism (F) and reaches the photographer's eyes.

A condenser (Fresnel lens) on the focusing screen (B) makes it possible to see clearly all corners of the film. When looking in through the finder, the Fresnel line is almost invisible and a bright, clear image can be seen. Meanwhile, magnification of the viewfinder is an ideal 0.8X (with the standard F1.8 f=38mm lens) which permits seeing the whole field of vision at a time.



"Small in Size" is our Ideal

The Pen F Camera is only 19mm larger in width than the Olympus pen camera, and it weighs just 560 gr.

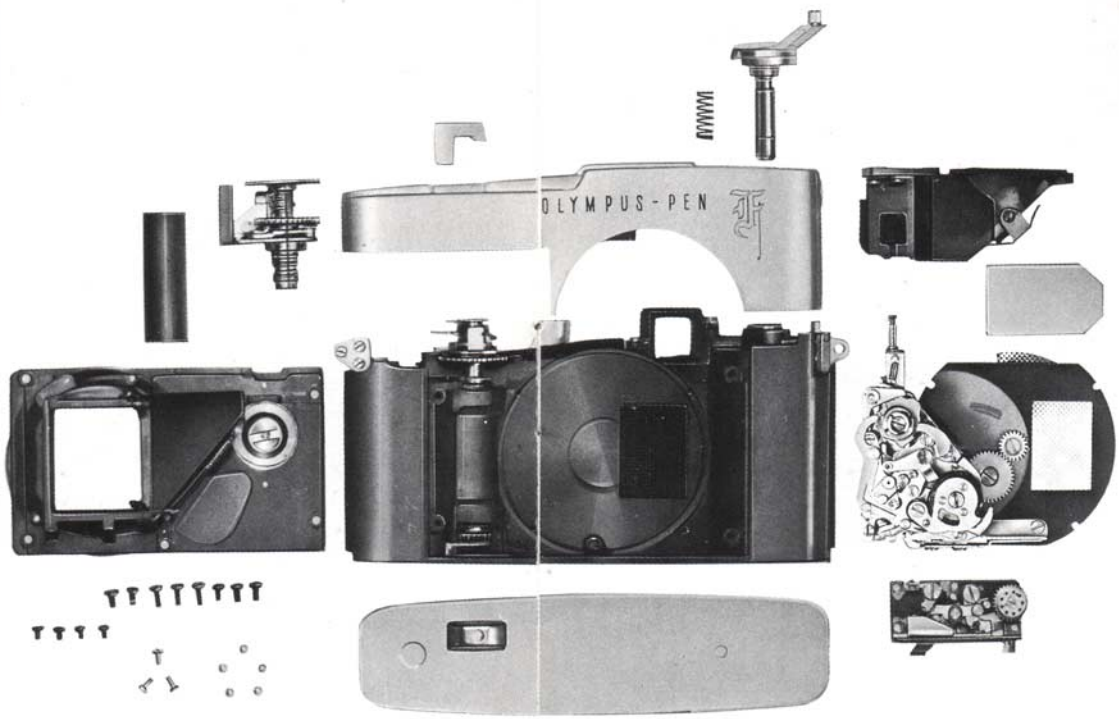
"Make it smaller in size, and, of course, as capable as large-sized models"—this was a worth-while job assigned to the ace camera designers. The technical staff of the Olympus have finely done this big task; they incorporated the pinpoint capabilities of high-class cameras wholly and most ideally into the small body of the Pen F. Please take a look at this apparently unbelievable stunt. It is just 19mm larger in right-to-left length than the Olympus Pen camera that claims to be the smallest in size among practical cameras. Its weight of 560 gr. is just one half the average weight of 35mm single lens reflex cameras that is 900 gr. In addition to the body, the miniaturization of the Pen F made its way into the interchangeable lens and accessory series. Unparalleled uniqueness of style and this "miniaturization which packs high capabilities" could be termed a revolutionary milestone in the history of high-class single lens reflex cameras.



Close-up up to **35** cm

with the standard lens **F1.8 f=38mm**

"F Zuiko F1.8", universal type standard lens, is a 6-element Gauss type of luxury design, and has a "higher resolving power" than 35mm camera lenses, as this is necessary because the film size is smaller than that of the 35mm film. A big feature of this lens is that without use of attachments it permits close-up photography up to 35cm. In the case of current 35mm single lens reflex cameras, 45cm is the limit. Up to 35cm means that you can picture a postcard to the full of the film size. It will prove a great help to you when taking lifelike views of flowers or animals and when copying the books or reference data you need.

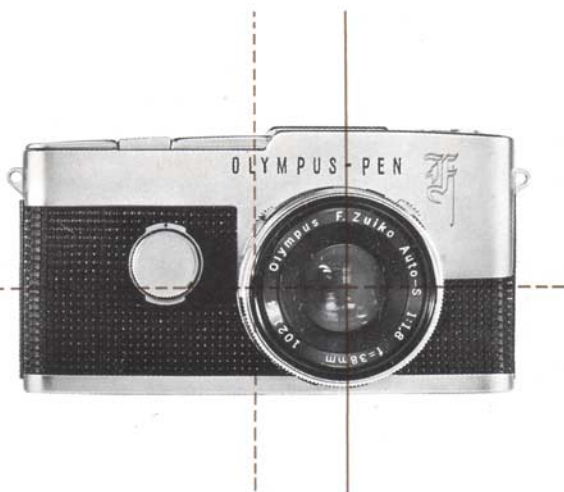


Reliable All-Unit Assembly.

A cluster of precision mechanisms which have explored every nook and corner of the microscopic world—that is the Pen F. Block-by-block assembly, including the shutter mechanism and the finder mechanism, makes the camera free from trouble and assures its accurate and smooth operation. This can be called a victory of the all-unit assembly system which has put accuracy into each and every part of the camera. Sturdiness to withstand hard usage yet uncompromising accuracy make the Pen F truly powerful, and emphatic simplicity of appearance is about the biggest point of styling design in the Pen F. Appreciating eyes must find..... a fully calculated accuracy in the lines of the camera simplified so much you may ask, "Does the Pen F incorporate all the features that needed for a high-class single lens reflex camera?" It sure has!

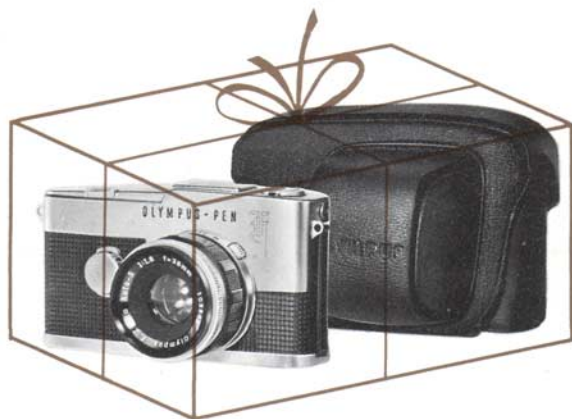
Rotary Metal Focal Plane Shutter

- ① **Highest shutter efficiency** is assured because this shutter of the Pen F turns, around the shutter screen, at a high speed of about 27 meters (30 yards) a second, really ten times the screen speed of conventional focal plane shutters, or about 2 meters. Moreover, that the gap between shutter and film surface was narrowed by as much as 1.6mm is a big gain in efficiency.
- ② **Accurate images free from distortion:** Since the wide aperture of the shutter gives momentary exposure to the whole film surface, the images is safe from distortions which occur in ordinary focal plane shutter cameras in high-speed photography of moving objects.
- ③ **Synchronizing at 1/500 second shutter speed:** As the wide aperture of the shutter has a full open moment no matter how fast the shutter turns, the camera completely synchronizes an electronic flash at all shutter speeds. (1/60 sec. is the limit for ordinary shutters.)
- ④ **The all-metal shutter** has great endurance as it assures high resistance to temperature, moisture and natural changes.



Balance in Imbalance!!

Position of the rewind lever, release button, and other operation parts, all the numbers and scales seen at a glance from above the camera—these are arranged with close attention and human engineering consideration. What seems a bit strange is the imbalance of the lens positioned much closer to the right side. The common-sense balance—which allows the camera to be posed evenly by both hands—is rather unfit for the Pen F, a super-miniature camera that uses a long telephoto lens. Devised to meet this is the unsymmetrical design which enables one to grip the camera body easily. This makes full provision for good camera holding... as, for example, you can turn the longer part downward when posing the camera vertically and grasp the longer part when replacing the lens. It's an excellent photographic balance produced by imbalance, so to speak.



Price? Every Budget will "Love" it

The idea that cameras are expensive property is already gone with the spectacular prevalence of the Olympus Pen Cameras. But ideal high-class single lens reflex cameras that permit free lens interchange and surely catch subjects as they are seen remain expensive enough.

By the Pen Cameras, Olympus has spread the fun of taking pictures. The Pen F is the very ideal of a camera which combines the handiness of the Pen Camera and the luxury of single lens reflex camera structure. Both in performance and function, it is easily equal to high class 35mm single lens reflex cameras which are on sale now. The only difference is that the negative size of the film is one half. We have fixed the price in order to have this ideal camera appreciated by as many people as possible. If you choose the Pen F, you are getting two times the price you pay.

INTERCHANGEABLE LENSES

Excellent Eyes of the Pen F

All interchangeable lenses for the Pen F feature: (1) adoption of a full automatic aperture mechanism; (2) one-touch replacement by a bayonet mount system. Many new types of interchangeable lenses are expected to be designed and made available shortly.



High ability of the Pen F is shown also in the capacity of the interchangeable lenses. That is because these lenses are made less than one half in size and one-third in weight, yet just as effective and efficient as those of the standard 35mm camera. The Zoom Lens, among others, is so small in size we can say it has become really practical with the Pen F. What about the performance of the camera? You can safely trust the famous Zuiko Lenses of the Olympus, which are given below.

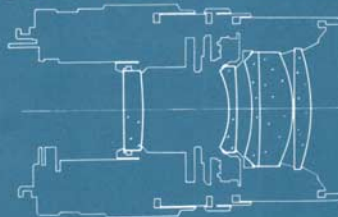
F Zuiko Auto S F1.8 f=38mm



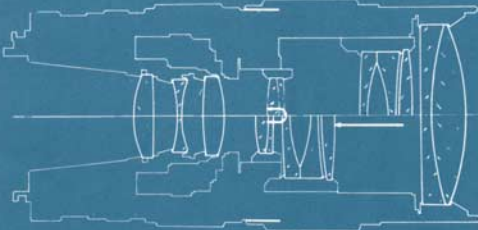
E Zuiko Auto W F4.0 f=25mm



E Zuiko Auto T F3.5 f=100mm



Zuiko Auto Zoom F3.5 f=50-90mm



Variety of accessories.....to fully meet the requirements of the users and widen the versatility of the Pen F.

The accessories, like various items of furniture, bringing a richer and happier life to you, can be called important elements that develop the versatility of the Pen F in new directions. They also expand the pleasures of photography.



★ Exposure Meter

A specially designed CdS meter geared to the shutter dial, is attached to the camera by a bayonet system.
 Dual-Ranges: At ASA 100 :
 Low: LV 3 to 10
 High: LV 10 to 17



★ Extension Ring

With four kinds of combination, enable you to enjoy close-up photography freely. Can be used for all interchangeable lenses except the Zoom Lens.



★ Attachment Lens

This can be used in close-up photography by attaching to those of the Pen F interchangeable lenses which are 43mm in screw diameter.



★ Bellows

This is an indispensable accessory in enlarged or super-closeup photography of very small objects. Slide Printer of the half size and the regular size can also be attached. Camera Rails that can be used not only for the bellows but also for the camera is also available.



★ Accessory Shoe

This can be attached to the bayonet part of the finder. It is used for setting the flash gun and other purposes.



★ Tripod Bracket

The stability of the camera is assured if it is used when taking pictures with telephoto lens and tripod support. This can be used both in a vertical and a horizontal position, and also can be fitted with the Olympus Pen Flash Attachment.



★ Microscope Adapter

This is a special attachment made to take microscopic pictures with the Pen F. The eyepiece of a microscope is removed and replaced by this adapter.



★ Angle Finder

This is a very convenient attachment for taking pictures at close-to-ground low angles or at breast-high levels or in "candid photographing" of subjects from the side or the rear.



★ Magnifier

It is attached to the viewfinder and facilitate accurate focusing. It very useful in taking close-up pictures or in reproducing pictures.

★ Filters

Various kinds.



★ Lens Hood

For the standard lens F1.8 f=38mm.



Introduction of the Olympus Pen was a marked turning point in camera engineering with its radical new size. Handling was made easier. Size was reduced. Its photographic capabilities

equalled or surpassed those of standard 35mm film. Yet, the Olympus Pen Series has been designed for economical pricing and a flexible selection of cameras.

**For Those Who
Want the Best**

Pen D

Lens : F Zuiko, F1.9
f=32mm
Shutter: B, 1/8-1/500
sec.



**Deluxe Type
Olympus Pen EE
Pen EES**

Lens : D Zuiko, F2.8
f=30mm
Shutter: B, 1/40 or 1/200
sec.



**A Special Model
Olympus Pen Camera
Pen S**

Lens : D Zuiko, F2.8
f=30mm
Shutter: B, 1/8-1/250
sec.



Olympus
Pen
Series



**Photography
Simplified
Pen EE**

Lens : D Zuiko, F3.5
f=28mm
Shutter: B, 1/40 or 1/200
sec.



**"Pocket Money"
Buys It
Pen**

Lens : D Zuiko, F3.5
f=28mm
Shutter: B, 1/25-1/200
sec.

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