

# OLYMPUS CAMERA







Pen FT F1.5 f=60mm





**Variety of Accessories**

Imp  
The





Important elements that develop the versatility of the Pen FT in new directions.  
They also expand the pleasures of photography.



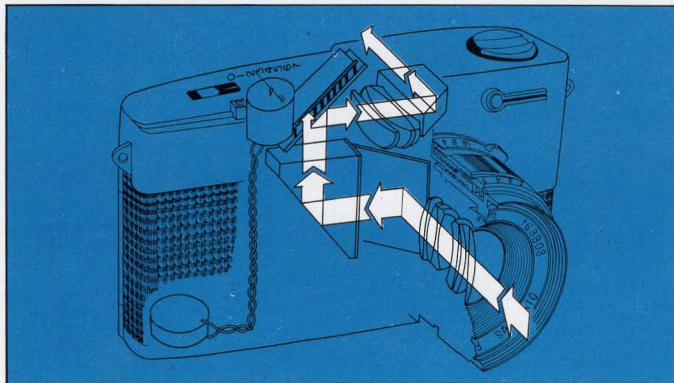


The world's only half-frame single lens reflex camera  
— now with the most advanced through-the-lens metering system.

Olympus  
*Pen* **FT**



The World-wide acceptance of the Olympus Pen F by both professionals and amateurs has not left the Olympus factory resting on its laurels. As part of its continuing program of Research and Development, a new improved model, the Pen FT, with a very advanced through-the-lens metering system is now available to the public.



Olympus engineers were not content with the solutions arrived at by other manufacturers in the design of a through-the-lens metering system. The new Olympus FT system has several advantages over the existing systems.

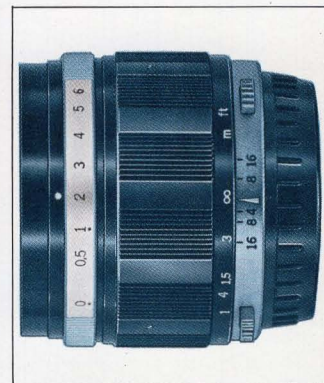
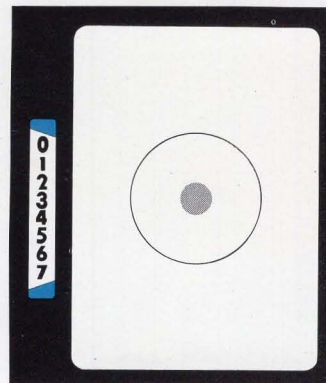
- 1) **A unique aperture numbering system replaces the conventional and often inaccurate F/stop system.**

It is characteristic of through-the-lens metering system that exposure calculations are influenced by the position of the meter, the speed of the lens and the focal length of the lens. Especially when the film is exposed at the maximum aperture, the F/stops very often do not accurately reflect the proper exposure.

To eliminate this error, found in all other metering systems, Olympus has designed a numbering system, beginning with "0" and ending with "7" to replace the conventional F/stop method. This is equivalent to the "F" stop calibration favored by the most exacting professional photographers.

Again Olympus has made improvements on existing single lens reflex technology without in any way compromising its commitment to compact size and minimum weight.

And because of the superior Olympus optics, negatives can be blown up to poster-size with excellent quality.



Using this system, the meter reads out the exact correct exposure as the light is measured through the lens, and eliminates the errors found in conventional CdS meter F/stop systems.

- 2) **Light measurements can be made at both "wide-open aperture" and "stopped down aperture."**

Measuring at "wide-open aperture" is, of course, the most convenient for the photographer. But occasionally as when extension rings or extension bellows are used, it is very helpful to use the "stopped down aperture" measurement. The Olympus aperture numbering system assures a perfect exposure in both cases.

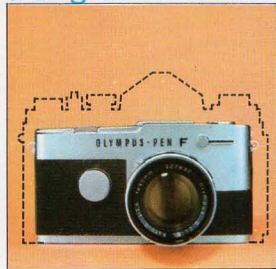
- 3) **Averaging light measurement system**

The FT uses an extra-large CdS meter equipped with a special device to screen out extraneous light. The meter is placed near the viewfinder eyepiece in the porroprism, and averages the total amount of light reaching the film surface.



1

## The world's most unique design in a single lens reflex

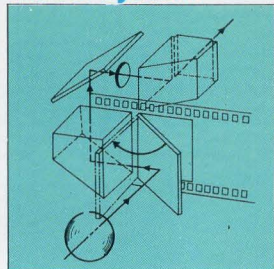


The world of photography was astonished at the first appearance of the unique Olympus Pen F. Here was a camera that was a true single lens reflex, yet had eliminated the bulky prism on top of the camera. Here was a camera that was as compact as a rangefinder camera and even smaller.

And above all, here was a camera that introduced new standards of precision and quality to the single lens reflex field.

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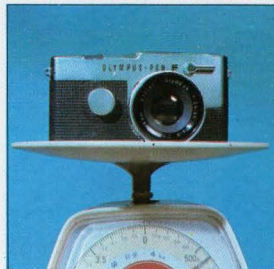
## Unique PORROPRISM finder system



Olympus completely changed the appearance of single lens reflex cameras. Instead of the bulky pentaprism sitting awkwardly on top of a single lens reflex camera, Olympus introduced the built-in porroprism. A horizontal rather than vertical revolving mirror is used in the camera. Automatic diaphragms are used in the interchangeable lenses, thus the view in the finder is always bright as the viewing is done at full aperture.

3

## The smallest, lightest and most convenient single lens reflex camera

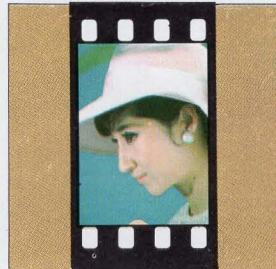


The Olympus Pen FT weighs only half as much as the conventional 35mm single lens reflex camera, and its size is even smaller than a rangefinder camera. The savings in weight and size are extended through a large range of accessories that are equally compact.

It permits the photographer to carry more lenses, more accessories, and yet less weight.

4

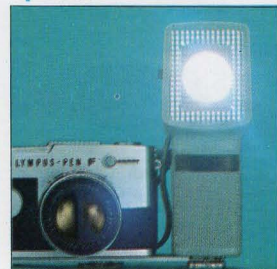
## Extreme close-up photography possible without additional accessories



The Olympus Pen FT is the only camera which permits a close-up photograph to be taken as close as 14 inches. The camera is therefore very convenient for photocopying, close-up photography of persons, plants, flowers, insects, etc. The convenience of close-up photography without the use of extra accessories cannot be over-emphasized.

5

## Full synchronization at all shutter speeds

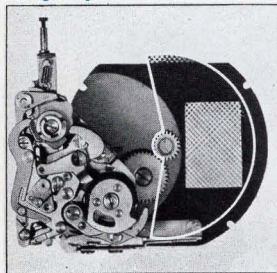


The unique Olympus rotary metal focal plane shutter now makes it possible to synchronize strobo lighting at all shutter speeds. There are also M and X contacts for synchronization with all types of flash equipment.



6

## New type shutter developed exclusively for the Olympus FT



This new type shutter has been developed exclusively for the OLYMPUS Pen FT to make it a super small-size, super efficient camera. A high speed rotary shutter with a speed of 27 meters per second; completely different in style from all conventional focal plane shutters. This is an all metal shutter using a super thin 35/1000mm titanium diaphragm. It is extremely resistant to change in temperature and humidity, and change with years, and has remarkable durability. The precision of the shutter speed is also high, and some of the characteristic defects of conventional focal plane shutters (image distortion when a moving object is photographed, etc.) do not exist.

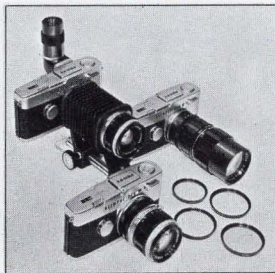
## 7 Half-frame economy and convenience coupled with quality equal to full frame in other cameras.



When Olympus first presented the half-frame size seven years ago there was some doubt that the half-frame could equal to the quality in large prints obtained with full frame 35mm cameras. But Olympus engineers based their confidence in half-frame on two significant factors: First, the half frame is closer to the basic 8 X 10 format and thus there is less cropping in half frame than full frame. Secondly, the Olympus lenses are designed with higher resolving power. The final proof of course came in the thousands of fine prints made by leading professional photographers throughout the world.

8

## An amazing range of accessories



The Olympus Pen FT is part of one of the world's largest photographic camera systems. Because the lenses and accessories have been designed for the smaller half-frame format, there is considerable savings in size, weight and cost. But absolutely no compromise in quality.

9

## Specifications

- Picture size:** 24×18 mm
- Lens:** H Zuiko Auto S, F1.2, f=42mm, G Zuiko Auto S, F1.4, f=40mm, F Zuiko Auto S, F1.8, f=38mm, All lenses have fully automatic diaphragm and are marked on Through-The-Lens numbers and F-numbers.
- Lens replacement:** Bayonet system ("Pen" mount)
- Shutter:** Olympus rotary metal focal-plane shutter: B 1-1/500 sec. (equally calibrated) one-pivot non rotating shutter speed dial
- Synchronizing:** All shutter speeds synchronization with M & X contacts point switch
- Viewfinder:** Porroprism finder, magnification 0.8X (with F1.8 standard lens), with microprism and special Fresnel lens
- Mirror:** Horizontally opening shockless quick return mirror
- Loading:** EL (easy loading) system
- Film advancing:** 1-stroke lever type with an advancing stroke angle of 150 degrees, self-cocking to prevent double advances and double exposures
- Film counter:** Exposed counting, self-resetting type
- Film rewinding:** Crank type rewind button setting system
- Focus adjustment:** Direct advancing helicoid system, minimum close-up distance 35cm
- Exposure adjustment:** Through-The-Lens number system, both open and stopped-down aperture methods available
- Light measuring range:** EV3~EV17 (ASA 100) with F1.4 standard lens
- Light acceptor:** Extra-large CdS meter, average light measurement method
- Power source:** Mercury battery (1.3 volts)
- Film speed rating scale:** ASA 25—400
- Self-timer:** Lever system (90 degrees) actuated in about 11 seconds
- Rear cover operation:** "Magic" locking hinge system
- Size & weight:** (with F1.2 standard lens) 127 (W)×69.5 (H)×77.5 (D)mm, 720 gr. (with F1.4 standard lens) 127 (W)×69.5 (H)×68.5 (D)mm, 630 gr. (with F1.8 standard lens) 127 (W)×69.5 (H)×62.5 (D)mm, 600 gr.





Olympus  
**Pen FV**

Difference between the FT and the FV—Unlike the FT, the FV has no exposure meter based on the Through-The-Lens system. The FV is also far less expensive than the FT. The appearance and photographic performance of the FV camera are perfect and all the lenses and accessories used on the FT camera can be used with this camera.



# Enriched range of Interchangeable Lenses & variety of Accessories for Pen F camera series

Pen Flash      Accessory Shoe

Eye Correction Lens Adapter/Eye Shade

-5D, -3D, +1D

Magnifier      Angle Finder

Angle  
Magnifier  
w/Eye Shade

Pen UP 3

Pen F Copy Stand  
Light Arm

Pen Slide Projector  
Auto Changer, Film Strip Adapter  
Projector Cooler, Pen Slide Mount

CdS Exposure  
Meter  
(for Pen FV)

Bellows

Camera Slider

Slide Copier

250mm, F/5      400mm, F/6.3      800mm, F/8

50-90mm, F/3.5      100-200mm, F/5

60mm, F/1.5      70mm, F/2      100mm, F/3.5      150mm, F/4

42mm, F/1.2      40mm, F/1.4      38mm, F/1.8

25mm, F/4      25mm, F/2.8      20mm, F/3.5

Mount Adapter (N, E, P, L)

Close-up Lens  
43mm;  $\tau=30\text{cm}$ ,  $f=40\text{cm}$

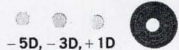
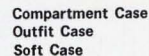
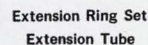
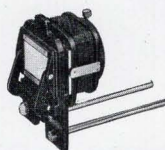
Filters

Body Cap      Lens Hood

Extension Ring Set  
Extension Tube

Microscope Adapter

Compartment Case  
Outfit Case  
Soft Case





# ● COMPLETE SYSTEM OF ZUIKO INTERCHANGEABLE LENSES

INTERCHANGEABLE LENSES			Lens Component (element-group)	Angle of View	Focal Length Equivalent to 35mm Camera	Through-The-Lens Number	F Number	Minimum Distance	Diameter of Filter	Hood	Weight
STANDARD LENS	H Zuiko Auto S	F1.2, f=42mm	8—6	39°	60mm	0~6	1.2~16	35cm	49mm	incl'd	255gr
	G Zuiko Auto S	F1.4, f=40mm	7—6	41	58	0~6	1.4~16	35cm	43	incl'd	165
	F Zuiko Auto S	F1.8, f=3.8	6—5	43	55	0~6	1.8~16	35cm	43	incl'd	135
WIDE ANGLE LENS	G Zuiko Auto W	F3.5, f=20	7—6	73	28	0~4	3.5~16	20cm	43	n/incl'd	145
	E Zuiko Auto W	F4, f=25	5—5	62	35	0~4	4 ~16	25cm	43	incl'd	120
	G Zuiko Auto W	F2.8, f=25	7—5	62	35	0~5	2.8~16	25cm	43	incl'd	160
TELEPHOTO LENS	G Zuiko Auto T	F1.5, f=60	7—5	28	85	0~6	1.5~16	0.8m	49	incl'd	270
	F Zuiko Auto T	F2, f=70	6—5	24	100	0.5~7	2 ~22	0.8m	43	incl'd	230
	E Zuiko Auto T	F3.5, f=100	5—4	17	143	1~6	3.5~22	1.5m	43	incl'd	250
	E Zuiko Auto T	F4, f=150	5—4	12	210	1~5	4 ~22	1.7m	49	built-in	380
SUPER-TELE-PHOTO LENS	E Zuiko T	F5, f=250	5—3	7	360	1~6	5 ~32	3.5m	58	built-in	800
	E Zuiko T	F6.3, f=400	5—4	4	580	1~5	6.3~32	5 m	72	built-in	1,750
	Zuiko Mirror T	F8, f=800	6—4	2	1,150	(0)	8	16 m	25.5	incl'd	2,400
ZOOM LENS	Zuiko Auto Zoom	F3.5, f=50-90	10—8	34~19	70~130	0.5~4	3.5~16	1.5m	49	incl'd	420
	Zuiko Zoom	F5, f=100-200	12—9	17~9	143~286	1~6	5 ~32	1.7m	49	built-in	700





**EXAMPLES OF MAGNIFICENT RESULTS THAT CAN BE OBTAINED  
BY THE WORLD FAMOUS OLYMPUS ZUIKO LENS**









# Olympus *Pen*

## A tiny little camera with enormous capabilities

As easy to carry as a pen, but more realistic than writing. The OLYMPUS PEN camera slips into a shirt or coat pocket or lady's handbag. So easy to use and so professional in result.

The OLYMPUS ZUIKO lens gives needle-sharp pictures. The OLYMPUS PEN is always ready for use in business or pleasure, that is, a practical camera in every request.



**Olympus Pen-S 3.5**  
"Pocket money" buys it

No other camera in this price range has such remarkable features.

**Lens:** D Zuiko F 3.5,  $f=28\text{mm}$   
**Shutter:** Copal X, 1/8-1/250 sec. and B  
**Focusing:** 0.6 meter (2 ft) to Infinity, click stops at 2m and 5m  
**Size & weight:** 108(W) $\times$ 68(H) $\times$ 40(D)mm, 370 gr



**Olympus Pen-EE**  
Photography simplified

Just press the shutter button and nothing else required.

**Lens:** D Zuiko F 3.5,  $f=28\text{mm}$   
**Shutter:** Programmed EE system 1/40 or 1/200 sec.  
**Focusing:** Fixed focusing lens system (1.5m to Infinity)  
**Size & weight:** 108(W) $\times$ 66(H) $\times$ 42(D)mm, 350 gr



**Olympus Pen EES**  
Deluxe type Olympus Pen EE

Faster lens and zone focusing system are incorporated in the Pen EE.

**Lens:** D Zuiko F 2.8,  $f=30\text{mm}$   
**Shutter:** Programmed EE system 1/40 or 1/200 sec.  
**Focusing:** Zone focusing lens system (3 position setting)  
**Size & weight:** 108(W) $\times$ 66(H) $\times$ 47(D)mm, 400 gr



**Olympus Pen-D3**  
For those who want the best

Super-fast lens and CdS exposure meter installed. The built-in, highly sensitive CdS meter gives you correct exposure in any light, from candle-lit interiors to sun-lit beach.

**Lens:** F Zuiko F 1.7,  $f=32\text{mm}$   
**Shutter:** Copal X, 1/8-1/500 sec. and B  
**Focusing:** 0.8meter (2.6 ft.) to Infinity, click stops at 1.2m and 3m  
**Size & weight:** 108(W) $\times$ 67(H) $\times$ 50(D)mm, 420 gr



# Olympus Pen Accessories

A variety of accessories is available to meet the users requirements and widen the versatility of Olympus cameras.

## 1/Pen Filters :

Filters are among the most important accessories to improve your picture quality.

Size : 22.5 mm/43 mm/43.5 mm/45 mm/  
49 mm

Kind : UV/Y2/1A/81C/82C/Conversion A/ND4  
(45 mm)

## 2/Pen-up 3 :

This is a handy photographic device which permits taking close-up pictures of small works of art, coins, stamps, small animal life, flowers, pages of books, photographs, etc. simply and quickly.



## 3/Lens hood :

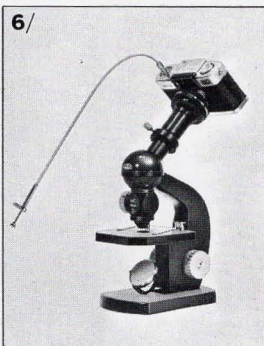
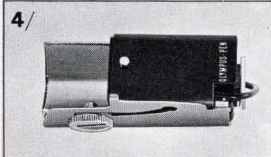
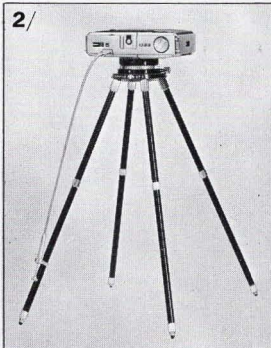
Lens hood is recommended for use whenever possible to guard against off-angle light which will cause flare in your pictures.

## 4/Pen Flash :

As the name implies, this flash is light in weight, stylish, compact and handy. Using either US-1 or AG-1 bulbs, the Olympus Pen Flash is perfect for indoor or back lighting photography.

## 5/Pen Flash CL :

The Pen Flash CL as well as being the worlds smallest is also the most efficient flash attachment available for cordless contact. Uses AG-1 (US-1) or AG-1B bulbs.

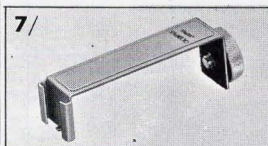


## 6/Microscope Adapter :

Inserted between your camera and a microscope tube, this adapter enables you to take microscopic pictures with the optics of the microscope.

## 7/Gun Holder :

Very convenient flash light or flash gun holder is available for Pen EE, EES or Pen D series.



## 8/Attachment Lens :

This is extremely versatile accessory for close-up photography. It can be used by attaching to the camera lens.

f=130 cm 22.5 mm (in diameter)

f=30 cm 43 mm (in diameter) or f=40 cm  
43 mm (in diameter)

## 9/Leather case :

Both soft leather case and hard leather case are available. Protect your valued camera with a hard leather case specially in such case of mountaineering.

**10/Pen Slide Projector :** Enjoy your slides with Pen Slide Projector. The specially designed wide-angle optics ensure a large bright pictures in a small room.





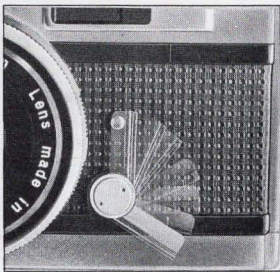
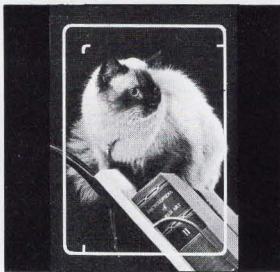
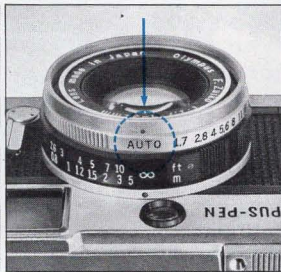
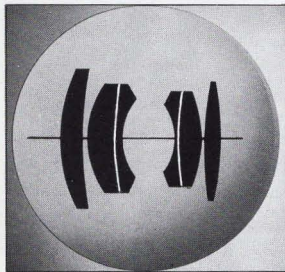


# Olympus Pen EED

New improved model in the world famous Olympus Pen range with great capabilities.

The Pen EED is a half-frame camera offering a range of features found in other Pen models plus new bonus features. A variety of

accessories is available to meet the users requirements and widen the versatility of the camera.



## 1 Superb F1.7 Zuiko lens

The lens is the heart of a camera. Incorporated in this camera is the high-speed F1.7 32mm Zuiko lens consisting of six elements of new type glasses. The amazing resolving power of this lens is world-proven and enlargements up to 10,000 times are easily possible.

## 2 Wide-range EE system.

The built-in CdS exposure meter relieves the photographer of all exposure worries. Once set at AUTO everything is automatically set and ready for picture taking. The unique programme shutter system automatically varies within the range F1.7 at 1/15 sec. according to the intensity of the light.

## 3 Large bright viewfinder.

A much larger viewfinder is used in this camera than on earlier models and the magnification ratio of 0.7× is the largest used on a camera of this size. Composition of the subject in the viewfinder is greatly assisted.

## 4 Put yourself in the picture.

Turn the self-timer lever 130 degrees downward as illustrated, make sure the film has been wound on properly and press the small operating button behind the lever. The shutter then fires after about eleven seconds delay for self-portraits.

## 5 Easy indoor photography.

For simple flash photography just insert the Pen flash CL into the accessory shoe. Contact is made automatically—no cord required. The Pen-flash CL as well as being the worlds smallest is also the most efficient. For other types of flashguns a standard flash outlet is provided.

## ■ Specifications :

● **Lens**: F. Zuiko F/1.7, f=32mm (6 elements in 4 groups) ● **Shutter**: Serial programmed system (Auto) 1/15 sec. at F/1.7~1/500 sec. at F/16 (Manual) 1/15 sec. x synchro. contact (Self shutters release button locking system for inadequate light) ● **Lens opening**: (Auto) Automatically moves from F/1.7 at 1/15 sec. to F/16 at 1/500 sec. (Manual) For flash photography, from F/1.7 to F/22 at 1/15 sec. ● **View finder**: Luminous bright frame finder (Magnification 0.7) with parallax correction mark and inadequate exposure indication. ● **Film loading**: EL (Easy Loading) System ● **Film winding**: One motion thumb wind at camera rear. Self-cocking to prevent double advances and double exposures. ● **Film counter**: Exposed counting, self-resetting type ● **Film rewinding**: Crank type rewind button setting system ● **Focusing**: Direct advancing helicoid system 0.8mm (2.6 ft) to infinity. Click stops at 0.8m, 1.2m (4 ft) and 3m (10 ft) ● **Exposure meter**: Built-in CdS electric eye meter Light measuring range EV 5.5 (F/1.7, 1/15 sec.)—EV 17 (F/16, 1/500 sec.) ● **Sensing cell**: CdS type with mercury battery (1.3V) for power source ● **Film speed setting**: ASA 12—400 ● **Self timer**: Lever system (130°) actuated in about 11 sec. ● **Rear cover operation**: Hinge type, ● **Accessory shoe**: Cordless flash contact ● **Size & weight**: 115 (width)×68 (height)×49.5 (depth)mm, 430 gr.



OLYMPUS QUICKMATIC

made in Japan Olympus DZniko 1:2.8 f36mm Lens



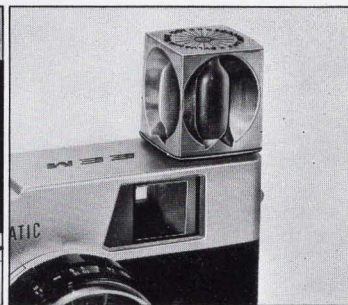
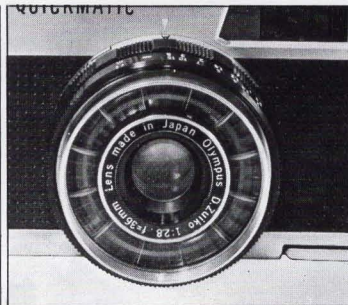
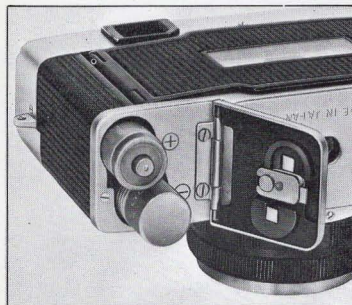


# Quickmatic-EEM

A completely automatic camera with the advantages of instant loading and the traditional Olympus quality construction.

Here is complete automation in photography. Just drop in the Kodapak cartridge to load the camera. Press the button to take the picture. A built-in motor automatically advances the film,

even eliminating the need for winding the shutter. And the EE system automatically sets the correct combination of aperture setting and shutter speed.



## 1 | Electric motor drive

Just push the release button, and the film will be advanced automatically. Two AA size (1.5 volt) dry cell batteries power the camera and the flashcube.

## 2 | Foolproof loading

Just slip in a Kodapak and close the back cover. Now the film is advanced automatically. You never have to rewind the film after shooting the last picture.

## 3 | Trouble-free EE system

The EE system eliminates all the trouble of setting the proper exposure. The camera automatically sets the correct combination of diaphragm and shutter speed.

## 4 | Flash cube photography

By mounting a flash cube on the camera, you can make four continual flash-photographs. Exposure is set automatically.

### ■ Specifications

● **Film:** Kodapak 126 ● **Film rating:** ASA 64, 80, 125, 160 ● **Picture size:** 26×26mm ● **Lens:** D Zuiko 1:2.8, f=36mm ● **Shutter:** Programmed EE system (1/40, 1/200 sec.) Flashmatic photography (1/40 sec.) ● **Viewfinder:** Bright frame finder (magnification 0.6) with parallax correction marks, red warning marks to prevent inadequate exposures, and zone focus marks ● **Film advancing:** Automatic advance (electric motor drive); "idle advance" with a click stop device ● **Exposure setting:** Automatic setting with the light meter (EE system); shutter release locking system to prevent inadequate exposures ● **Rear cover:** Hinge type, push button for opening ● **Flash photography:** Flash-matic system with Flash-cube ● **Size & weight:** 127 (width) × 67 (height) × 59 (depth) mm 550gr. (with the batteries)



# Olympus <sup>TOKYO</sup>

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OREGON CITY, OREGON 97045

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U. S. A. : Olympus Corp. of America

39-22, 30th Street, Long Island City, N. Y. 11101

Germany : Olympus Optical Co., (Europa) GmbH.

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