OLYMPUS PEN FT

THE PERMANENT PORTABLE
smallest 35mm single lens reflex camera ever made

The Pen FT is about half the size and weight of other SLR cameras. Try it on for size and you'll know why we designed it that way and call it the "permanent portable."

The Pen FT accessories are also about half size—including 17 interchangeable lenses, bellows, filters, flash and many other components you may need for special applications of the Pen FT system.

Like other SLR cameras, the Pen FT is designed for the serious photographer. When you look through the f1.4/40mm Zuiko lens, you'll discover an instrument ready to respond to your every command. You get twice as many 18×24mm pictures on an ordinary 35mm roll . . . at the regular cost of developing.

The Pen FT is a quality product of the company that's serious about small cameras, OLYMPUS.

IT STARTS SMALL AND

With this small camera, you can now build a complete System as big as your needs require. From extreme telepnoto through macro to micro-photography, the Pen FT system covers the entire range of photography. There are 17 interchangeable lenses from 20mm to 800mm,including a macro lens and zoom lenses (equivalent to standard 35mm lenses ranging from 28mm to 1150mm). A complete range of filters is available for achieving every photographic effect. From macro to micro-work, there are bellows, extension tubes, slide copying device, view-finder, magnifiers, angle finders, microscope attachment, copying stand and even a special matched 35mm enlarging lens for your printer.

Everything in the Pen FT system is about half the size of all other 35mm SLR systems. you can now own a permanent, portable system that will not strain your back or your budget.

Through the lens metering system

A unique aperture numbering system represents an improvement over the conventional and often inaccurate f/stop system. It is a characteristic of through-the-lens metering systems that exposure calculations are influenced by the position of the meter, the speed of the lens, and the focal length of the lens. With these systems an error in exposure usually results, especially when film is exposed at maximum lens aperture.

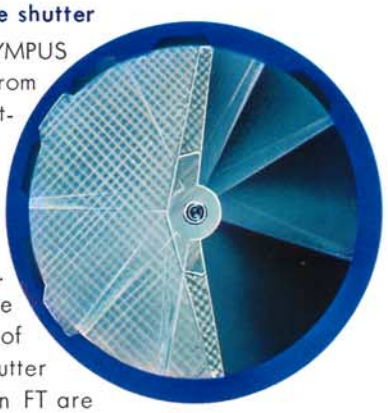
To eliminate the error of the conventional f/stop method of light measurement, OLYMPUS has designed a special numbering system beginning with "0" and ending with "7". The OLYMPUS system is equivalent to the "T" stop calibration preferred by professional photographers.

The TTL numbers are relative aperture values based on a measurement of the average brightness for the entire area of a picture, with a full open aperture on a given lens. The conventional f/stops are fixed aperture values based on a calculation of lens size measured near the center of the lens.

A hundred different lenses marked with an f/stop 4.5, for example, would not necessarily all transmit the same amount of light, and there would be a great range of exposure error in the pictures made at this f/stop. The margin of error increases as the aperture width increases, and as light is transmitted through a progressively greater portion of the lens surface.

By contrast, the TTL numbering system is very accurate with any Pen FT lens, as the correct exposure may be obtained by simply matching the number on the aperture ring with the number indicated by the needle in the finder. With any lens or extension devices, the TTL numbering system always indicates correct exposure.

Unique rotary metal focal plane shutter



The rotary shutter—an OLYMPUS patent—is completely different from other types of focal plane shutters. The titanium blade rotary Pen FT shutter completely eliminates distortion in moving objects by travelling 10 times faster than ordinary focal plane shutters.

A special bonus feature of the Pen FT design allows any kind of flash to be synchronized at all shutter speeds, as the shutters of the Pen FT are completely open during exposure.

The economical SLR

The biggest advantage of the Pen FT system is total economy. Smaller size means that the initial investment in the entrie system is far less than the price of equivalent full frame equipment. The added advantage of 72 shots per 36 exposure roll of 35mm film, at no increase of development cost, means operating expenses are approximately half with the Pen FT.

Close-up photos with standard lens

The unique design of the Pen FT allows critical focus as close as 35cm (14 inches) without the use of close-up devices, giving you greater flexability in choice of composition. This bonus feature of the Pen FT can be appreciated when compared with full-frame cameras that focus down to a minimum of 61cm (24 inches).

BUILDS BIG

VARIETY OF ACCESSORIES Filters, Lens Hood, Accessory Shoe, Outfit Case, Pen Flash, Pen UP 3 Copy Stand, Close-up Lens, Extension Ring Set, Extension Tube, Microscope Adapter, Bellows Attachment, Camera Slider, Slide Copier, Reverse Ring, Adapter Ring 49⟶45mm, Pen F Copy Stand, Angle Finder, Magnifier, Angle Magnifier, Eye Cap and Diopter Adjustment Lens, Lens Mount Adapters.

INTERCHANGEABLE LENSES

Standard Lens: F1.2, f=42mm; F1.4, f=40mm; F1.8, f=38mm; F2.8, f=38mm
Wide Angle Lens: F3.5, f=20mm; F4, f=25mm, F2.8, f=25mm
Telephoto Lens: F1.5, f=60mm; F2, f=70mm; F3.5, f=100mm; F4, f=150mm
Super-Telephoto Lens: F5, f=250mm; F6.3, f=400mm; F8, f=800mm
Zoom Lens: F3.5, f=50-90mm; F5, f=100-200mm
Macro Lens: F3.5, f=38mm

CdS exposure meter

Also available SLR camera from OLYMPUS is OLYMPUS Pen FV, which costs less but offers most of the advantages of the Pen FT with the exception of through-the-lens metering system.

MAIN FEATURES:

Format: 24×18mm. **Lens:** (with F1.2 standard lens) H Zuiko Auto S, F1.2, f=42mm, (with F1.4 standard lens) G Zuiko Auto S, F1.4, f=40mm, (with F1.8 standard lens) F Zuiko Auto S, F1.8, f=38mm, All lenses have fully automatic diaphragm and are marked with Through-The-Lens numbers and F-numbers. **Lens mount:** 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. **Flash synchronization:** Full synchronization from 1 to 1/500 sec.; standard PC receptacle with M-X switch built-in. **Viewfinder:** Porroprism finder reflex viewing system magnification 0.8× (standard lens), incroporate microprism focusing spot on fresnel viewing screen. **Mirror:** Horizontally swinging, shock-free quick return mirror. **Self-timer:** Lever system (90 degrees) actuated with about 11 seconds delay. **Film loading:** EL (easy loading) system. **Film advance:** Single stroke, thumb operated lever cocks shutter and advances film and counter. **ASA range:** ASA 25—400 **Exposure counter:** Numerical sequence. Automatically resets at S (start) when film compartment door is opened. **Film rewinding:** Fold-out crank type, rewind release button system. **Focusing:** Direct advancing helicoid system, minimum close-up distance 35cm (14″). **Exposure control:** Through-the-lens CdS meter coupled to shutter speed and aperture. Averaging system of exposure measurement. Reading can be taken at either "open" aperture or "stop•down" aperture. ASA range 25 to 400.

Light measuring range: EV3-EV17 (ASA 100) with F1.4 standard lens **Battery:** Mercury battery (1.3 volts). **Rear cover:** "Magic" locking hinge system.

Size & weight:

(with F1.2 standard lens) 127(W)×69.5(H)×77.5(D)mm, 720gr.
(with F1.4 standard lens) 127(W)×69.5(H)×68.5(D)mm, 630gr.
(with F1.8 standard lens) 127(W)×69.5(H)×62.5(D)mm, 600gr.

OLYMPUS

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