

OLYMPUS®

OM CAMERAS



OM4Ti and OM4T *catalog number 101-200*

The OM system has a get back to basics ideology, offering what we feel are the best optics, metering and user features to give the photographer the ability to achieve their own creative ends. These OM cameras are for those who feel that to truly create the image you desire, you need to control all the variables.

The rugged and durable titanium bodies of the OM4Ti, OM4T and OM3Ti are backed by a group of 37 Zuiko Lenses, a variety of Flashes, Drives, and other accessories. They give the photographer the perfect light weight camera for their photographic applications. Both Cameras offer the superior TTL/OTF Flash system pioneered by Olympus, plus multi-spot metering, average metering, highlight and shadow compensation, and manual exposure controls. The OM4Ti and OM4T also offer OTF metering and spot and multi-spot metering in the automatic mode.

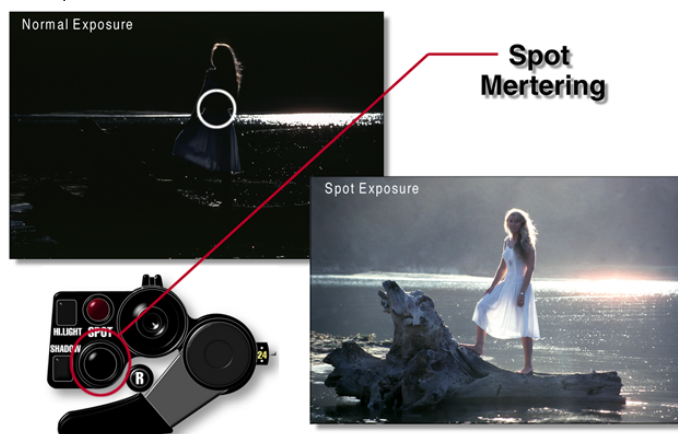


The OM3Ti, OM4Ti and OM4T use an advanced flexible exposure control system. When pressing only the



OM3Ti *catalog number 101-290*

shutter button, the meter system used to take a picture is the average center-weighted meter. Although the center-weighted meter is excellent for general daylight exposures, it may not meet the needs of every photographic situation. To overcome difficult exposure situations, Olympus added spot metering to these OM cameras. Reading only 2% of the image area this metering system is one of the most accurate meters on the market today.



Taking the advantage of spot metering to the next level Olympus allows the photographer the ability to read and use multiple-spot meter settings. By reading multiple areas of the image, total creative control for each individual image is returned to the photographer. These OM cameras can take up to 8 spot readings, indicating with a diamond dot above each reading on the viewfinder graph. When faced with a particularly tough

light condition, the multi spot metering system is the answer.



All meters are designed to read light as an 18% gray, which works well most of the time. Film has approximately a 5 stop exposure range from black to white, with 18% gray being at the theoretical center of this exposure range. When photographing white or black, the meter tries to adjust to gray causing the camera to over or under expose. To overcome this inherent problem, Olympus added highlight and shadow exposure controls to these OM cameras.

When photographing a white or a bright subject the high-light control is used in conjunction with the spot meter of the camera. Highlight adjust the exposure by +2.3 stops giving you white with detail.



Without using the highlight control, the camera under-exposes by the same 2.3 stops creating a gray appearing image.

The situation is reversed when photographing black, the meter will over expose by 2.6 stops. Like a white or bright subject, the cameras metering will result in a gray

appearing image. The shadow control automatically adjusts the exposure by -2.6 stops creating rich black with detail.



The OM 4Ti, OM4T and 3Ti also have an exposure compensation dial, allowing over and under exposure control from +2 to -2 stops in 1/3 stop increments. This control can be used with either the center-weighted or spot meters for creative control.



The dedicated flashes for the OM system also work with the unique OM metering system to allow flash exposure through the lens. The TTL flash system works with all the T series OM flashes and the F-280 OM flash. By reading the light striking the film the camera gives the most accurate flash exposures, even in difficult exposure situations, with a variety of apertures. This Metering advantage works on the OM3Ti in the Manual TTL flash mode and in the automatic exposure mode on the OM4T and OM4Ti.

The OM4T, OM4Ti, and 3Ti also feature High speed full syncro flash with the F-280 flash. When connected to these cameras the flash offers flash synchronization from 1/60 second to 1/2000 of a second, as well as normal TTL flash at 1/60 second. The Super FP flash mode with its long duration flash is designed for fill in flash,

close up photography or to create flash and motion at the longer 1/60 second exposure.



These OM bodies also have a viewfinder designed for accurate image reproduction. Matched to a mounted transparency and being 100% centered and 97% of the image area, they are ideal when you need the accuracy of “what-you-see-is-what-you-get” with your SLR. Both the OM 4Ti and 3Ti also have easy to read LCD’s.



In the automatic mode on the OM4Ti and OM4T you see a shutter speed scale from 1 to 1/2000 second, with an LCD bar made of rectangles indicating the existing exposure. The Diamonds indicate spot exposure readings, automatically averaged by the camera. When used in the manual mode or with the OM3Ti you will see the selected shutter speed, with a pair of arrows and the same broken LCD bar, indicating when you have a correct exposure.



OM4Ti main specifications:

Film Format	24mm x 36mm (35mm)
Film Speed	ISO 6~3200
Lens Mount	Olympus OM mount
Shutter	Electronic cloth focal plane shutter.(horizontal)
Shutter Speed Range	B, 1~1/2000 manual 120~1/2000 automatic
Light Metering Method	Center-Weighted Average Meter 2% Spot Meter 2% Multi Spot Meter Highlight and Shadow Control with Spot Meter
Light Meter Range	-6.5 EV ~ 19 EV (ISO 100 @ 50mm f1.2)
Flash Exposure	TTL Auto Flash @ 1/60 synchronization Super FP Flash @ 1/60 to 1/200 second synchronization.
Viewfinder	97% centered with built in diopter from +1~-3
Weight	510g...18oz.
Dimensions	5.4 x 3.3 x 2.0 inches

OM3Ti main specifications:

Film Format	24mm x 36mm (35mm)
Film Speed	ISO 6~3200
Lens Mount	Olympus OM mount
Shutter	Mechanical cloth focal plane shutter.(horizontal)
Shutter Speed Range	B, 1~1/2000 mechanical
Light Metering Method	Center-Weighted Average Meter
	2% Spot Meter
	2% Multi Spot Meter
	Highlight and Shadow Control with Spot Meter
Light Meter Range	0 EV ~ 19 EV
Flash Exposure	(ISO 100 @ 50mm f1.2) TTL Auto Flash @ 1/60 synchronization Super FP Flash @ 1/60 to 1/200 second synchronization.
Viewfinder	97% centered with built in diopter from +1~-3
Weight	510g...18oz.
Dimensions	5.4 x 3.3 x 2.0 inches



OM Lenses:

Fisheye	16mm f3.5
UltraWide Angle	18mm f3.5; 21mm f3.5; 21mm f 2.0; 24mm f2.8; 24mm f 2.0
Wide Angle	28mm f2.8; 28mm f2.0; 35mm f2.8; 35mm f2.0
Standard	50mm f1.8; 50mm f1.2

Medium Telephoto	85mm f2.0; 100mm f2.8
Telephoto	100mm f 2.0 180mm f 2.8; 180mm f2.0; 200 mm f4.0; 250mm f2.0; 300mm f4.5; 350mm f2.8.
Super Telephoto	400mm f 6.3; 500 f8.0 Relfex; 600mm f6.5; 1000mm f11.
PC	24mm f3.5; 35mm f2.8
Macro	20mm f2.0 (bellows); 38mm f2.8 (bellows); 50mm f3.5; 50mm f 2.0; 80mm f4.0 (bellows); 90mm f2.0; 135mm f4.5 (bellows)
Matched Tele-Converters	1.4XA; 2XA

(for more lens information download OM Lens PDF)



OM-Zuiko 1/2X Macros

90mm f2.0 50mm f2.0 50mm f3.5