

OLYMPUS®

OM-4 T



*The Measure of the Professional.
A Measure of Perfection.*



The Timeless Quality of a Design Masterpiece

The Olympus OM-4 Titanium is the ultimate technical expression combining many unique photographic concepts. Elegantly encased in its tough, durable and extremely lightweight titanium shell, the OM-4T offers unmatched functional performance and user-friendly design. The OM-4T provides the amazing accurate Multi Spot Metering system and other functionally advanced features of the original OM-4. Add the New OM-4T features, and you have greater versatility than ever, in a camera that frees you to use your creativity to achieve very special photographs. The OM-4T is heir to the proud OM tradition that revolutionized all 35mm SLR cameras of today. Equally important, it is a functional masterpiece – a precision photographic instrument, a high tech image maker.



The Brilliance of a Technical Breakthrough

The astonishing Olympus Full Synchro Flash F280 is the first electronic flash in the world capable of synchronizing with a focal plane shutter at all speeds, from 1 sec. to 1/2,000 sec. Full synchronization is accomplished by extending the duration of the flash output from the 1/40,000 to 1/1,000 sec. in ordinary electronic flash by some 40 times to about 1/25 sec. (Super FP Flash) It opens new vistas for high speed shots and fill-in flash in all types of lighting conditions. The Full Synchro Flash capability extends the unique performance parameters of the OM-4T even further.

Photo shown with optional Camera Grip 1.



Multi Spot Metering. Infallible Mastery of Every Lighting Situation.

Precise, professional light measurement — almost as fast as you can fire the shutter. Another functional benefit of the OM-4T. As any serious photographer knows, accurate exposure is an important ingredient of successful photography. And the only way to be sure of perfect exposures is by taking precise spot measurements of exactly the areas you want to expose in the picture. Before the OM-3 and OM-4 this meant using a separate hand-held meter, taking the individual light values one by one, then calculating the ideal median value among

them all. With the OM-4T, it means pressing the Spot Button — as many as eight times — and instantly, all exposure information is visible in the viewfinder. Automatic exposure is set and waiting for you to decide when to free the camera for precisely the creative effect you had in mind.

The creative capability of Multi Spot Metering is reason enough to choose the OM-4T. Its many other unique high performance features make the choice even more clear.





Full Synchro Flash. Total Synchronization throughout the Shutter Speed Range.

Modern SLRs have extremely fast shutter speeds. For example the OM-4T has a top shutter speed of 1/2,000 sec. When the shutter curtains travel across the frame at speeds faster than 1/60 sec., the super-fast output duration of regular flash can only expose part of the picture.

The only possible way to get full frame flash coverage at all shutter speeds is to extend the flash duration from the time the leading shutter curtain starts opening to the close of the trailing curtain. In all, about 1/30 sec. This may seem to be a

contradiction in terms. It was as technically difficult as harnessing one massive current bolt and splitting it into thousands of equal pulses, all perfectly timed to give even illumination from start to finish.

This is the achievement of the Full Synchro Flash System F280 – a superlative technological achievement that assures full flash synchronization at all shutter speeds for the very first time in a 35mm SLR. It will light the way to new realms of functional photographic possibilities.



Introducing a New Era in Flash Performance.

The OM-4T and the Full Synchro Flash F280 offer totally new freedom in creating the exact photo effects you desire. For example, for the first time with flash, they assure the freedom to pick any available lens aperture and shutter speed. You can choose a fast speed to capture action, a wide aperture to artistically blur the foreground and background, or any other suitable shutter speed/aperture combination.

What's the big advantage of the F280? Simply that you are free to pick any shutter speed on the camera. Here's how it works:

35mm Single Lens Reflex cameras have a focal plane shutter. The exposure is made by the action of two curtains passing across the film frame. The first shutter curtain opens and allows light to hit the film. The second shutter curtain follows it after a specific variable (according to the shutter speed) interval, closing the shutter. The specific shutter speed is determined by varying the interval between the movement of the first shutter curtain and the second. At slow speeds the second curtain starts moving after the first has stopped. But at

fast shutter speeds, usually above 1/60 or 1/125 sec., the second curtain starts moving before the first has stopped. The result is that instead of the whole picture being exposed simultaneously, an opening of variable width crosses the film plane, creating the exposure.

The trouble with previous electronic flash systems is the virtually instantaneous discharge of a regular electronic flash. At high shutter speeds the flash can light only the band of the picture that is being exposed at just the instant it goes off. The rest of the composition is left in darkness.

With the old style of flash bulb, there was no problem because its output lasted long enough to cover the time taken by the movement of the shutter curtains. This is what gave Olympus engineers their cue. If a flash could be made to last long enough, it would be possible to synchronize flash exposures for even the fastest shutter speeds. But flash output is like a bolt of lightning. Making it last longer was technically close to impossible. Eventually, after years of research and dozens of patented technologies, the problem was resolved by creating the

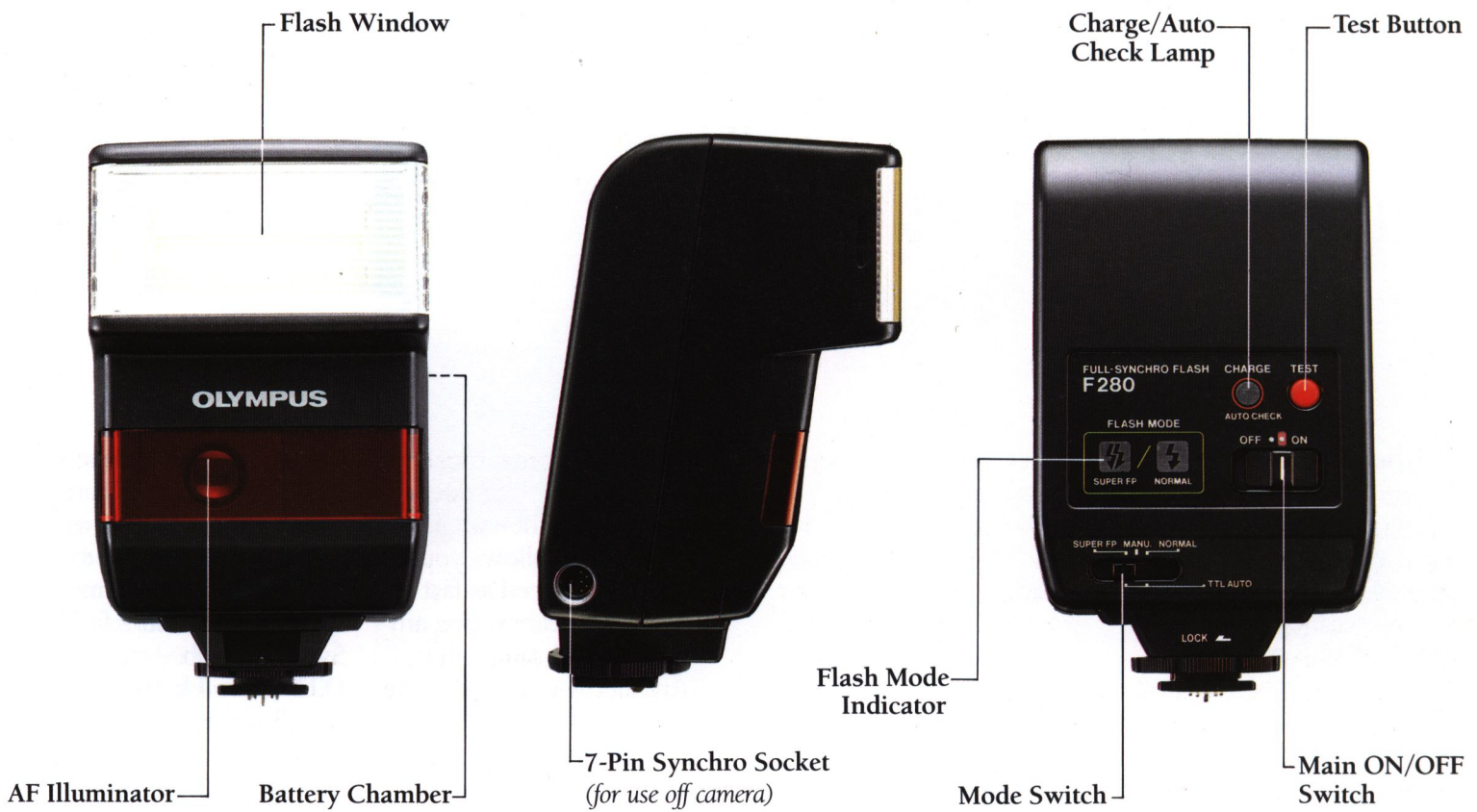


Normal backlit exposure

Simple Setting

To use the Full Synchro Flash simply switch on the F280 "ON," and set the indicator to Super FP. You will get the perfect fill-in flash exposure automatically.





world's first Full Synchro flash. What this means is that instead of just one flash emission per discharge the Full Synchro Flash F280 produces thousands of pulses, perfectly timed so that the level of illumination

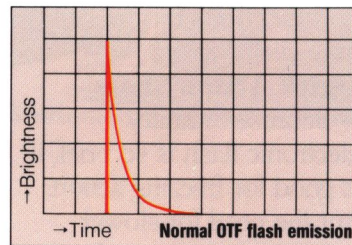
remains constant from start to finish. The magnificent technical accomplishment of even output Super FP Flash realizes the dream of instant, economical and convenient electronic flash at all shutter speeds.

Main Specifications of the Full Synchro Flash F280

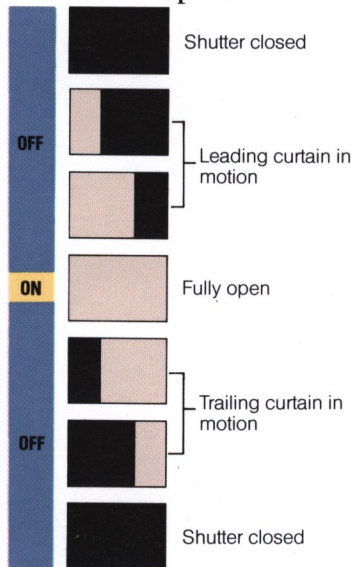
Type:	Full Synchro Flash System
Guide number:	28 (ISO 100, meters at Normal "OTF"/Manual Flash)
Coverage angle:	53° vertical, 74° horizontal
Number of flashes:	(With R6 (AA) alkaline batteries) Super FP Flash mode: 80 ~ 260 firings; Normal "OTF" Flash mode: 80 ~ 600 firings; Manual Flash mode: 80 firings
Color temperature:	5,800°K
Camera mount:	Clip-on method: shoe-inserting, lock-screw
Electrical connection with camera:	Clip-on method: direct contact-point type
Recycling time:	0.2 ~ 9 sec. (alkaline batteries) Normal "OTF" Flash mode, depending on AUTO subject distance 5 ~ 9 sec. Super FP Flash mode, depending on shutter speed
Firing mode:	Super FP Flash mode: emission time: 20 ~ 40 milliseconds; continuous, couples with aperture setting, AUTO mode with OM-4T; Synchronizes with shutter speeds from 1/60 sec. to 1/2000 sec.; MANUAL mode with OM-4T: Synchronizes with all shutter speeds up to 1/2000 sec.; Normal "OTF" Flash mode: emission time: 25 microseconds ~ 1 millisecond; continuous, operates with all aperture settings, synchronizes with shutter speeds of 1/60 sec. and slower
Light receiving angle:	Changes automatically in accordance with lens frame angle
AUTO subject range:	0.25 ~ 23 meters (F1.2 standard lens at ISO 100, Normal "OTF" Flash mode)
Test firing:	Push-button type
External power socket:	For 7-pin quick release plug
Power source:	R6 (AA) battery × 4 (Ni-Cd battery can be used)
Dimensions:	110(H) × 68(W) × 71(D) mm (4.3" × 2.7" × 2.8")
Weight:	250 grams (8.8 oz.)

Specifications and appearance subject to change without notice.

F280 will be available in fall 1986.

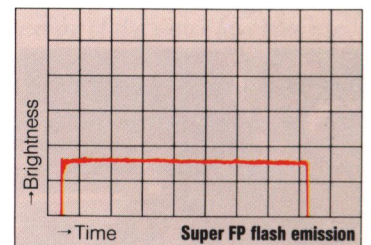


Normal OTF flash synchro at slow shutter speeds

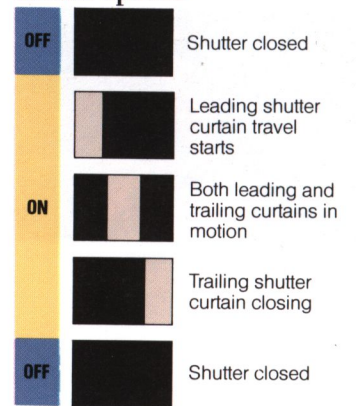


▲ Normal OTF flash emission (1/40,000 ~ 1/1,000 sec.)

At shutter speeds of 1/60 sec. or slower, the shutter is fully open part of the time. Regular electronic flash can expose the entire frame.



Super FP flash synchro at fast shutter speeds



▲ Super FP flash emission (1/50 ~ 1/25 sec.)

Full Synchro Flash F280's output continues from the start of the shutter curtain opening until it is fully closed, thus allowing any shutter speed to be selected within the flash-to-subject distance aperture/shutter speed combination.

The OM-4 Titanium and F280 Bring Sophisticated Flash Techniques within Everybody's Range.

Fill-In Flash

One of the major advantage of Full Synchro Flash is its ability to fill-in brightly backlit shots. Synchronization at all shutter speeds allows you to select the exact shutter speed and aperture for the shot, providing just the action-stopping and depth-of-field effects you desire. The OM-4T's OTF metering



Backlit shot without flash



With Normal OTF fill-in flash

assures the right exposure automatically. With conventional electronic flash the lens aperture had to be closed down to give a slow enough speed for flash synchronization. This made fill-in flash with artistically blurred foreground and background impossible. The F280 lets you keep the lens aperture wide open — making possible creative fill-in flash portrait effects for the first time ever.

Quick Action Shots

Because ordinary electronic flash is so brief, it is good for freezing action. But the need for slower synchro shutter speeds

means it can sometimes result in subject blur due to the available light level. Full Synchro Flash allows you to set a shutter speed as fast as 1/2,000 sec., eliminating any risk of blurred action shots.

Another way to creatively use the F280 full synchro flash unit is to slower the shutter speed and take advantage of the longflashing time — about 40 milliseconds, or 1/25 sec. — to express movement in flash photographs, which was never before possible.

A New Medium

Just think: the Full Synchro Flash F280 and the even output Super FP Flash

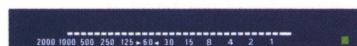
concept are totally new and revolutionary. Their potential has hardly been explored. You could be the one to discover further exciting creative possibilities for Full Synchro Flash.

OTF Auto Flash

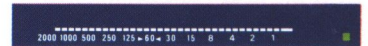
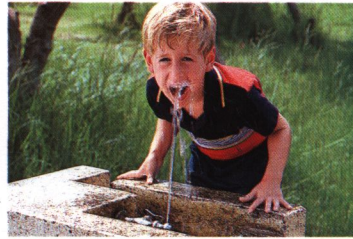
Full synchronized flash, remarkable as it is, is not the only capability of the F280. It also features OTF Auto Flash, another Olympus innovation that vastly extends the boundaries of flash performance. OTF Auto Flash is made possible by the real time OTF (off-the-film) Light Measuring system first introduced in the OM-2, in 1976. It allows the



To assure an attractive, soft blurring of background details, in this shot the lens aperture was opened wide. This called for a 1/1,000 sec. shutter speed. But that's no problem for fully synchronized fill-in flash.

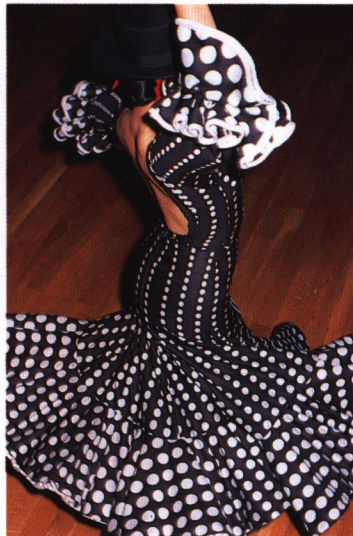


camera to monitor the flash output as it hits the film plane and shuts off the flash when the correct exposure has been made. This makes it possible to use any desired lens aperture for flash and enormously increases the range of available flash distances and creative effects.



Normal fill-in flash leaves the water in a blur. To bring out the texture of the water fountain, use the F280 and a high shutter speed. This also lets you softer unwanted background details.

The attractive flow of the model's dress makes all the difference for this picture. It took a slow 1/30 sec. shutter speed to capture it — and the versatile OM-4T with F280 flash unit.



Normal OTF flash shot

The OM-4 Titanium Multi Spot Metering. And the Real Time OTF Light Measuring that Made It Possible.

Automation is immensely helpful in making our lives easier and more fulfilling. But it often becomes a stumbling block to creativity. Most automatic equipment is meant to be used as it is programmed. While they save a great amount of trouble, and get consistently good results, they can also stifle the creative impulse.

The OM-3 and OM-4 were designed to get the best of both worlds. They feature one of the finest automatic exposure systems ever conceived – real time OTF (off-the-film) metering. And they add the amazing Multi Spot Metering system that lets you take as many as eight spot readings of specific

areas in the composition, and automatically optimizes the exposure for them all. Additionally, the OM-3 and OM-4 provide a brilliantly simple method to accent highlights or shadow areas in the picture for special creative effects.

For ease of use, this is automation at its most sophisticated. When it comes to creativity, the auto function of the OM-4T actually helps make creative experiments easy, practical, swift and rewarding.

OTF Auto. Off-The-Film Metering

Conventional auto cameras set the exposure by first reading the light, storing it in a memory device, then

setting the shutter speed accordingly. That means the meter goes blind at the moment of exposure since all decisions have already been made. Under changing lighting conditions, shots could be improperly exposed.

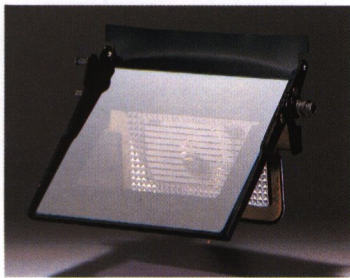
In contrast the OM-4T adopts the brilliant, real time metering system pioneered by Olympus in the OM-2. It starts working when the shutter opens, and continues to read the light as it actually hits the film. When the film has received enough light for a perfect exposure, the camera's computer automatically closes the shutter.

Think of the advantages: If the sun suddenly comes out

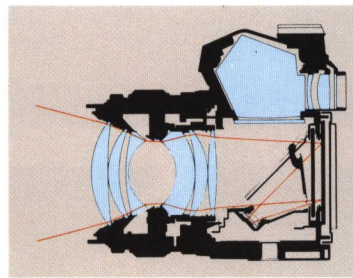
in the middle of a dimly lit shot, the shutter speed will compensate for it immediately.

You can even take a high speed motor driven action sequence and get every shot perfectly exposed, based on the light actually hitting the film.

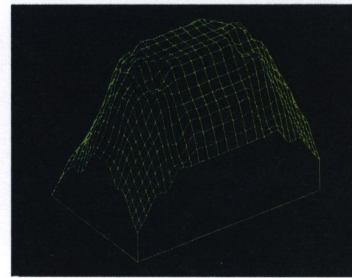
With flash, all you need do is to switch on the flash unit and let the camera do the rest. Only the light that hits the film is measured, so you can use bounce flash, filters, multiple flash units or any other sophisticated technique without risking a bad exposure. Better still, you are free to use any aperture setting on the lens. This means you can shoot



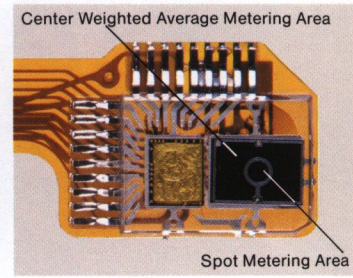
Half Mirror



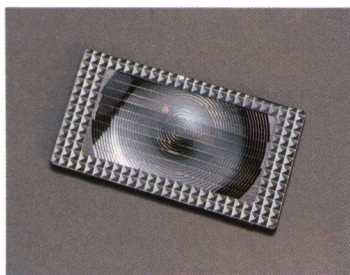
Light Path in Average Metering



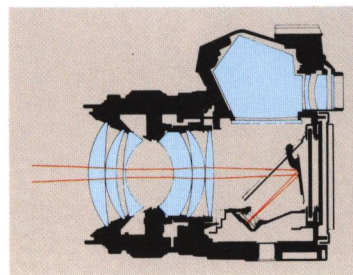
Center Weighted Average Light Metering 3-dimensional sensitivity distribution diagram with 50mm F1.8 lens



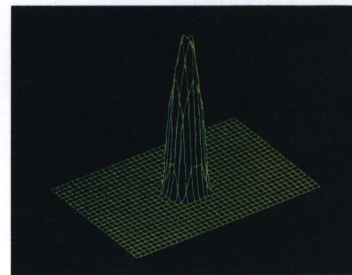
Complex SBC Photo Cell



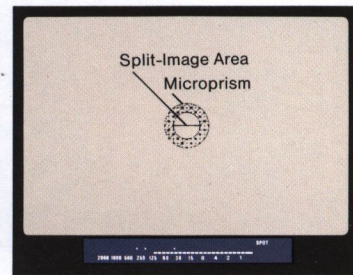
Fresnel Lens (Sub-Mirror)



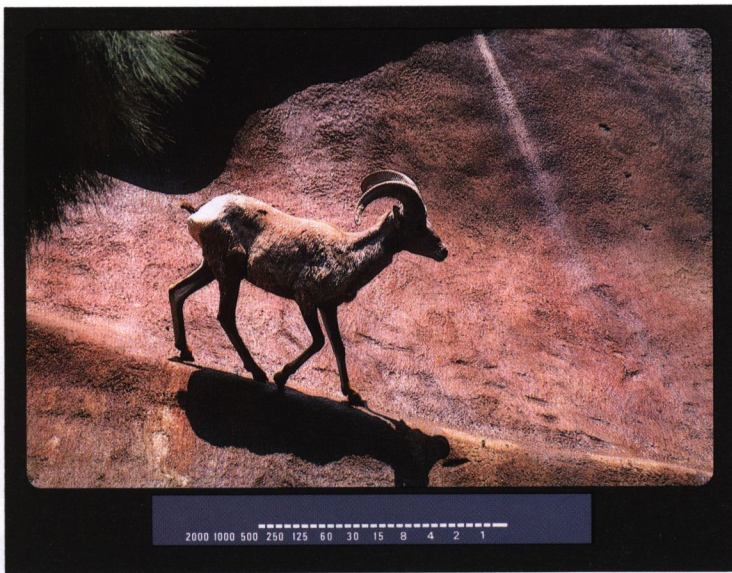
Light Path in Spot Metering



Spot Metering 3-dimensional sensitivity distribution diagram with 50mm F1.8 lens



Spot Metering area is about same as covered by screen microprism.



Auto exposure with center weighted average metering



Manual exposure with average metering

closer, or more distant subjects than with ordinary flash.

Because of the greater sensitivity of OTF Metering, you can make auto available light exposures as long as a minute.

In OTF Auto mode, the OM-4T adopts a center-weighted average metering system that is ideal for the majority of subjects.

Manual Mode

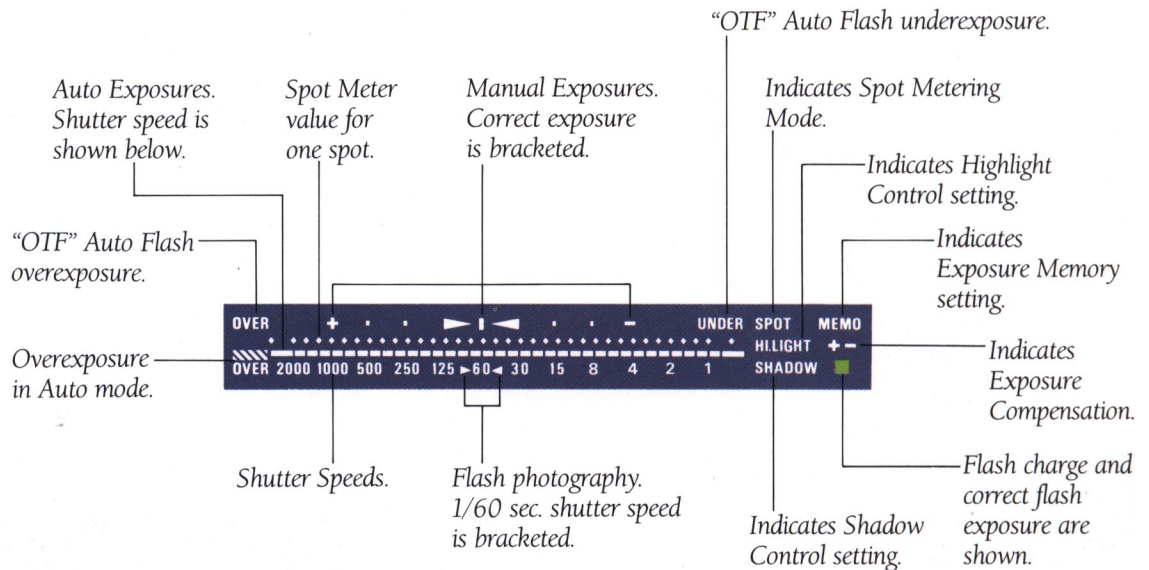
A flick of the Mode Selector lever changes the OM-4T into a manual camera with fully coupled exposure indications in the viewfinder, but with full freedom to set the desired shutter speed and lens aperture by hand. Spot and Multi Spot exposure readings can be made in either Manual or Auto mode.

Spot Metering

For all those photo situations where a standard meter reading just isn't enough, the OM-4T delivers the perfect answer. Spot Metering at the touch of a button. Ingeniously, the OM-4T uses the same SBC photo sensor complex for three different functions.

Viewfinder Information

(This illustration shows all available viewfinder information in the OM-4T. In actual use only the relevant information is displayed.)



First, it shows the center-weighted meter readings in the LCD viewfinder. For this function, the cell, which faces back towards the film plane, reads all the light that passes through the central half-mirror section of the main mirror and is then reflected down to the sensor by the subsidiary mirror. Second, in OTF metering mode it takes a center-weighted reading directly off the film, during the exposure. Third, during spot metering

an electronic command cuts the area measured to the central 2% of the total picture – approximately the area covered by the central microprism on the standard focusing screen.

Experience shows that this coverage is the most suitable for spot meter readings. But you can be even more precise by using a zoom lens and taking advantage of the way the spot coverage varies automatically according to the lens focal length.

Built-in Dioptic Correction

The OM-4T's all-LCD viewfinder provides a huge amount of information in an instantly readable form. To assure optimum vision for all users, a continuously variable dioptic correction mechanism is built into the pentaprism section.

The ergonomic control array is designed for easy, mistake-free operation – even by touch alone.

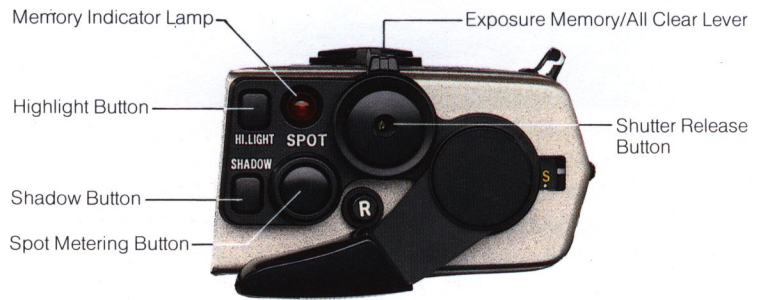
Versatile Multi Spot Metering Inspires New Heights of Creativity.

Take a closer look at the OM-4T and you will see an array of carefully designed controls grouped around the shutter release. These are the Spot Metering Button, the High Light and Shadow Buttons and the Exposure Memory/All Clear Lever. (Even the Rewind Release Button is conveniently located on top of the camera, so film can be easily rewound even if the camera is on a tripod.) Notice how the function buttons differ in shape, size and height for instant location and effortless operation. And notice how natural and easy it is to use the various

settings of the OM-4T.

Pressing the Spot Metering Button automatically puts the OM-4T into Spot Metering mode, with the reading for the spot at which you aimed appearing instantly in the LCD viewfinder. Take another spot reading from a different part of the composition and another signal dot appears in the display, with the bar graph indicating the average value of the two readings. This value is automatically set as the correct exposure.

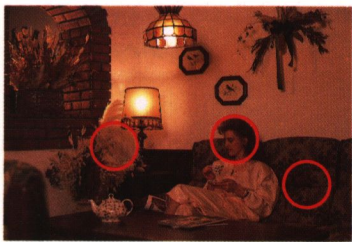
The OM-4T allows you to take as many as eight spot readings. For each reading, a new dot appears and the



exposure is automatically computed and set accordingly.

To cancel and start again, simply press the lever around the shutter release setting the All Clear. Or, if you want to lock in an exposure value, push the lever the other way to

activate the Exposure Memory. This memory lasts for about an hour unless cancelled, giving you plenty of time to take a sequence of shots. It allows you to change shutter speeds freely, adjusting the aperture for the right exposure and depth-of-field.



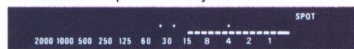
Multi Spot Metering



1st spot



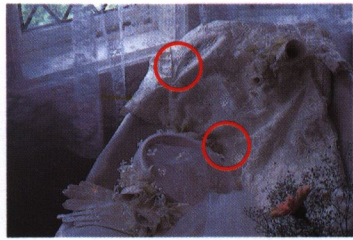
2nd spot
Note auto exposure adjustment



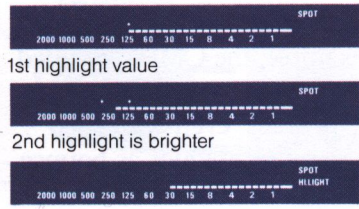
3rd spot
Now the final exposure is set

Every time you press the Spot Button, the camera reads the central 2% of the composition, and resets the exposure accordingly. As many as the last eight readings are used to compute the final value.





Highlight Control

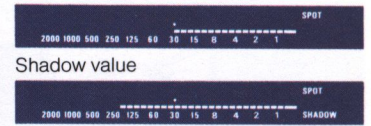
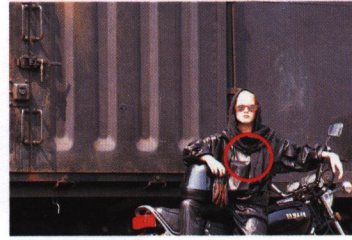


1st highlight value

2nd highlight is brighter

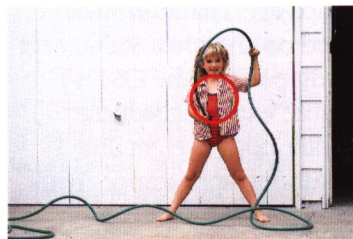
Take spot readings of highlights, then press this button. The camera picks the brightest, and gives an exposure that preserves the brilliant colors without wash-out.

Shadow Control



Shadow value

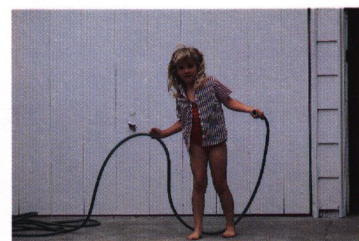
Take a spot reading of the darkest part of the picture and press this button when you want to keep dark, rich tones from appearing gray in the photograph.



Exposure Memory

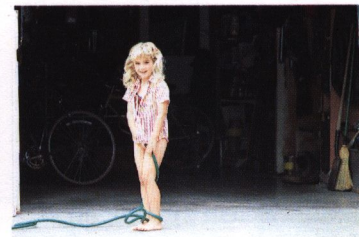


Take a spot reading for the perfect exposure, then press the Memory Lever. The same exposure value is preserved whatever the background.



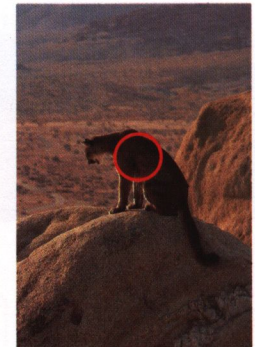
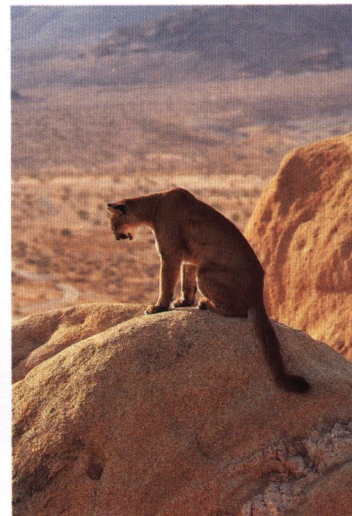
With Memory Setting

Without Memory Setting



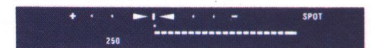
With Memory Setting

Without Memory Setting



Manual average metering

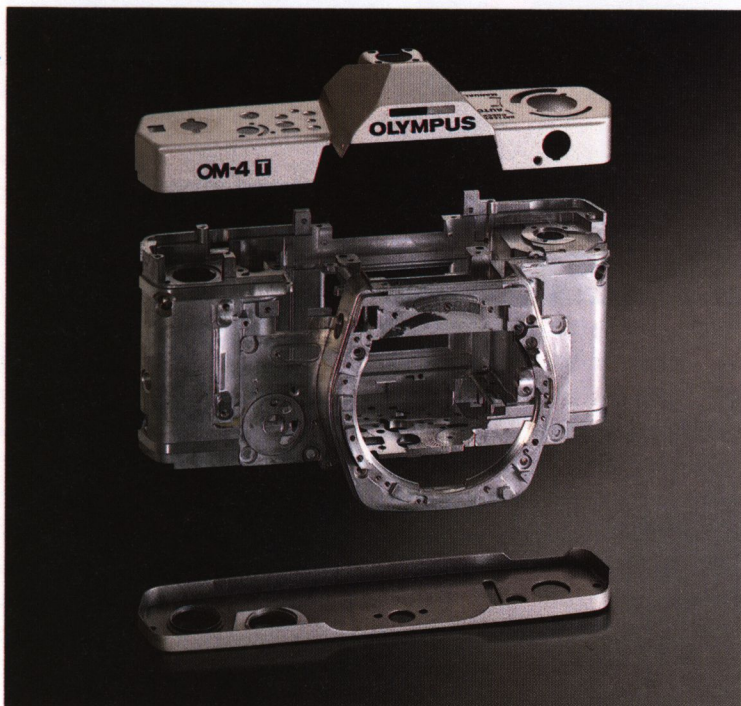
Manual Spot Metering



Manual Spot Metering gives perfect control over the exposure.

The Anatomy of Brilliance.

Focusing on OM-4 Titanium Technology.



The rationale behind the OM-4T is the same concept that inspired the Olympus OM System: compactness and precision for superior performance, scope and handling in every situation. The result is the most versatile, durable and reliable OM camera ever.

The original OM-1 created a sensation by fitting all the functions of a top quality SLR into a format not much bigger than that of a lens shutter camera – while registering impressive gains in quietness, shock reduction, ruggedness and other desirable areas. It also introduced a superbly comprehensive photo system boasting over three hundred

and fifty components from lenses to flash, motor drive, macrophoto, photomicro and other compact attachments or accessories. Subsequent OMs retained the same compact formula and total system compatibility while incorporating even more refined functions and features. With the OM-2 came real time OTF (Off-The-Film) Metering for available light and flash. This far more accurate and flexible metering system was previously considered too challenging for practical application. Then the OM-3 and OM-4 added the incomparable Multi Spot Metering capability.

Along with such revolu-

tionary innovations, each new OM System camera introduced many other exciting technologies. For example, the OM-2 provided for fully automatic flash exposures, even with such special techniques as bounce flash, color filtration, multi-flash, etc. The OM-2 SPOT/Program featured a choice of spot metering and program exposures to make photography still faster and more accurate. The OM-3 offered professionals the option of a full range of mechanical shutter speeds along with the versatility of Multi Spot Metering. And both the OM-3 and OM-4 also featured continuously adjustable dioptic correction within the viewfinder optics to make sure everybody could clearly see the outstanding all-LCD viewfinder display, as well as focus more easily.

Naturally, the potential of these outstanding cameras has increased still further as a result of constant additions to the OM System, which now comprises well over 50 fantastic lenses, an extensive modular flash system, an unrivalled range of macrophoto units, etc.

And last, but perhaps most important of all, the experience of millions of OM System users over a period of some 15 years has resulted

in a host of minor modifications and improvements that make the OM-4T one of the most tried and tested cameras on the market.

From the original OM pursuit of fine performance and handling – functionality in every sense of the word – to the OM-4T is a story of unceasing progress and magnificent accomplishment.

Tough Titanium Body

Super light and tough space-age Titanium metal is used on the most vulnerable body parts of the OM-4T to assure extra ruggedness lighter body weight and a luxurious appearance. Years of heavy duty, impact-resistant service are assured.

Shower Resistant Sealings

Typical of the minute care that goes into the design and engineering of the OM-4T, all areas susceptible to moisture are protected with special seals that make the camera more resistant to the weather, as well as impact.

State-of-the-Art Shutter

A huge improvement over traditional shutters, with a 1/2,000 sec. top speed and upgraded accuracy and reliability at all speeds, even in extreme cold. With the Full Synchro Flash F280 synchronization is assured right up to the 1/2,000 sec. maximum speed.

Dioptric Adjustment Knob with Lock
Allows continuous correction for near or far-sightedness between +1 and -3 diopters.

Viewfinder Illumination Button
The window helps provide bright illumination for the viewfinder display. When the light is dim, press this button to switch on an additional finder illuminator. After about ten seconds it switches itself off to conserve power.

Memory Indicator Lamp
A bright LED stays on as long as 60 minutes to remind you that the exposure memory function is set.

Exposure Memory/All Clear Lever
Push the lever to set the selected light value in the exposure memory. Push it the other way to clear all memory and spot metering settings.

Large, Soft-Action Shutter Release

Exposure Counter
Rewind Release Button

Film Advance Lever
Preadvance angle is 30° and film advance 130°, which can be covered in one long or several short strokes.

SPOT Metering Button

SHADOW Button

HIGHLIGHT Button

Viewfinder Light Window

Rewind Knob/Rewind Crank/Camera Back Release

OTF Auto Synchro Socket
A special five pin socket permits full use of T-Series flash performance off the camera.

Shoulder Strap Eyelet

PC Synchro Socket
For any electronic flash unit with a connecting cord.

Hot Shoe
Five electrical contacts to permit full operation and viewfinder indications with both regular T-Series flash units and the new Full Synchro Flash.

All Clear Button
Whenever a lens is removed, this button springs out to automatically clear all spot metering and other information stored in the exposure computer.

Large Diameter Stainless Steel Mount
Not only exceptionally rugged, the large lens mount allows easy access for fast focusing screen changes.

"B" Lock Button

Motor Rewind Coupling Contact

Motor Coupling Terminals
These electrical contacts bring the motor drive unit fully under the control of the camera's central computer.

MADE IN JAPAN 1111345

Tripod Socket

Manual Shutter Speed Ring
In Manual mode, shutter speeds from 1/2000 sec. to 1 sec. and "B" are set by turning this ring. A lock must be released before "B" or the mechanical 1/60 sec. shutter speed position can be set.

Mode Selector Lever
Provides audio-visual battery check in addition to Manual and OTF Auto exposure modes.

Exposure Compensation Dial
Lets you set exposure compensations in 1/3-stop increments up to +/- 2 stops.

Film Speed Dial

Finder Eyepiece
A large eyepiece positioned for easy vision even when wearing glasses. The mount is designed for easy attachment of the Varimagni Finder and other accessories.

Heavy Duty Paintwork
Wherever necessary the OM-4T benefits from generous application of heavy duty paint — one more way to make sure it's still as attractive in ten years time from now.

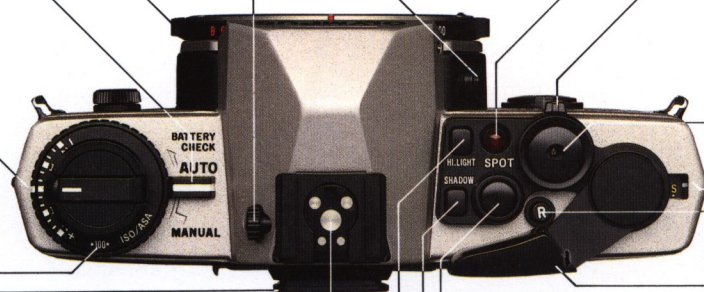
Self-Timer/Electronic Signal Muffling Lever
Turn counterclockwise to set the 12-sec. electronic self-timer. When turned clockwise this lever silences the audio Spot Metering and Battery Check signals.

Camera Grip 1/Grip Socket
The optional Grip attaches securely to make handling the OM-4T even easier.

Motor Drive Guide Pin Hole

Motor Drive Socket
The mechanical connection for the Motor Drive 2 or Winder 2.

Battery Chamber
Contains two SR44 silver oxide or LR44 alkaline batteries.



Olympus OM System.

Perfect Mastery of Every Photographic Realm.

The OM System is one of the most compelling reasons to decide on the OM-4T. Unrivalled in scope, it also features incomparable performance – and superb functionality. Among the many firsts the OM System can claim to its credit are a completely modular flash system, the world's first OTF Auto Flash, an array of no less than seven different macro lenses, the world's first motor drive with twin motors to virtually eliminate vibrations. .

The list goes on and on. And the possibilities are almost limitless.

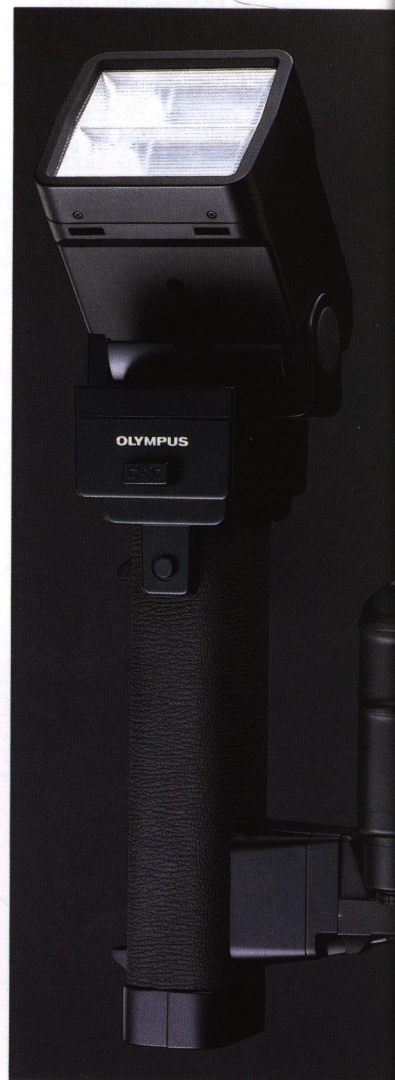


Motor Drive

Featuring five-frame-per-second performance without mirror lock-up, the Motor Drive 2 is one of the fastest, and almost certainly the smoothest, general purpose motor drives available. It offers motor driven rewind, and provides an excellent LCD graphic display. An economical alternative is the Winder 2, slower but still a fine performer. The M. Quartz Remote Controller 1 works beautifully with either unit.

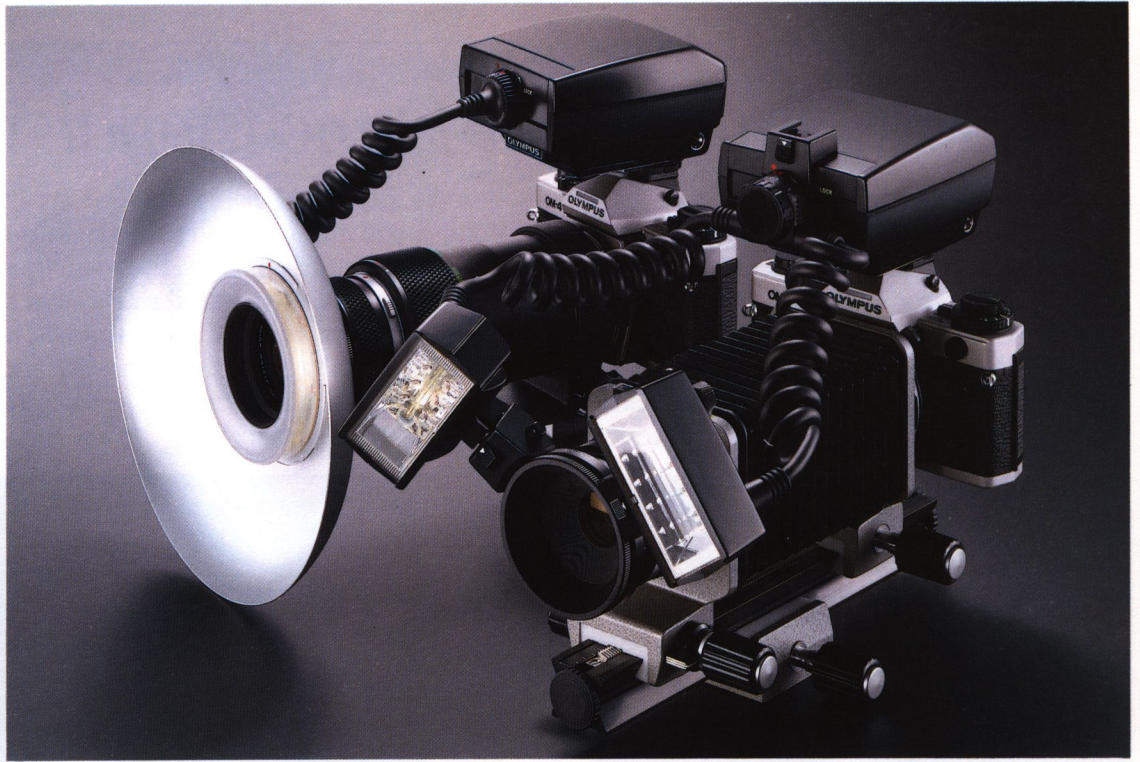
Full Synchro Flash

The new Super FP Flash that lasts long enough to give full synchronization even at the fastest shutter speeds. Another innovation from Olympus that launches photography into a new era of creative opportunities. For quick action, slow movement and, of course, fill-in flash, this is the answer. In combination with the OM-4T's OTF metering, it gives you total freedom to select all apertures and shutter speeds.



T-Series Flash

Entirely automatic exposures – at any desired lens aperture – even with bounce flash, diffused flash, multi-flash, the use of filters or any other lighting situation. That's the creative capability of T-Series



T-Series Macro Flash

Yet another field in which the OM System reigns supreme is macro flash. There are two different ring flash models, and a choice of single or twin bar flash units as well. All these models use the same hot shoe

mounted power/control unit, and all feature OTF Auto or Manual flash. They provide even beginners with consistently great results, the kind of pictures that once stumped even the most experienced professionals.

Interchangeable Focusing Screens

No single focusing screen can perform ideally with every kind of lens, in all conditions. That's why the OM System offers a choice of no less than 14 different screens, including units specially designed for endoscopy, astrophotography, shift lens photography and so on. An extra bonus is the quick, easy method of screen changing through the lens mount.



OTF flash. To make it more versatile still, the OM System provides a choice of units from the professional T45 to the modularized T32 and super compact T20, plus a full range of connecting cords, etc.

Recordata Backs

With throughgoing professionalism, the Recordata Back 4 lets you record a large variety of data directly onto the film. In addition to dates and times down to the second, you can imprint a fixed code or a frame counter with up to six digits. This is ideal for scientific work as well as vacation memories.



OM System Lenses.

Windows on a Multi-Dimensional World.

The heart of any camera system is its lenses. Proudly, in this respect too the OM System excels. Olympus provides over 50 lenses from fisheyes to super telephoto, zoom, macro and shift lenses. But, even more important than the numbers, is the impeccable quality designed and engineered into every lens. Each is ultra-modern in concept, benefitting from computerized design techniques, the use of sophisticated optical glasses and special multi-coating. In addition, all feature unusual compactness and light weight for easier handling and carrying. The many advances in lenses pioneered by the OM System include unprecedented fast apertures, such as the 24mm F2 and the incredible new 250mm F2 and 350mm F2.8, a super wide angle 24mm shift lens, and a range of seven special macro lenses including the first generally available that is specifically designed for life-size reproduction.



Super Fast Pro Telephoto Series

180mm F2, 250mm F2, 350mm F2.8

These lenses are certainly not inexpensive, and they require a little extra effort to carry around. But neither of these considerations reduces their appeal to professional photographers who know how their amazing performance extends the limits of what is possible. These three optical masterpieces share in common the use of extra low dispersion glasses for pinpoint sharpness and superb contrast. For sports, stage and intimate shots of public occasions, they are ideal. And alone in their class!



100mm F2

Another super bright lens, but this one is within every photographer's reach. It assures fine telephoto effects without sacrificing any of the convenience and speed of a normal lens. A versatile and practical choice for every kind of subject — from portraits to landscapes and action shots.



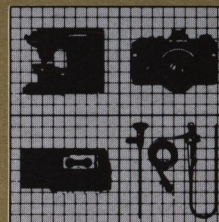
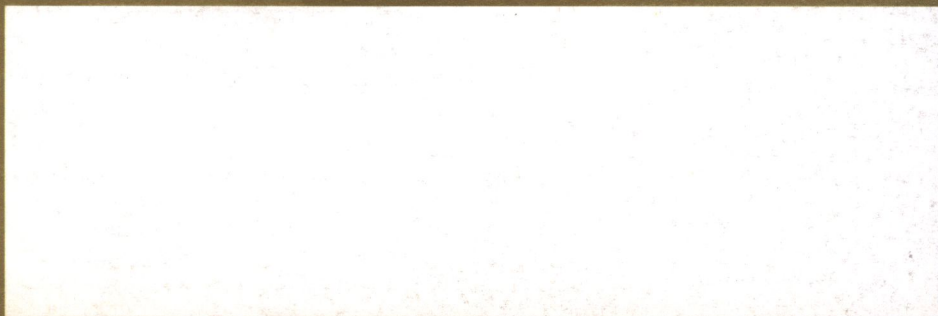
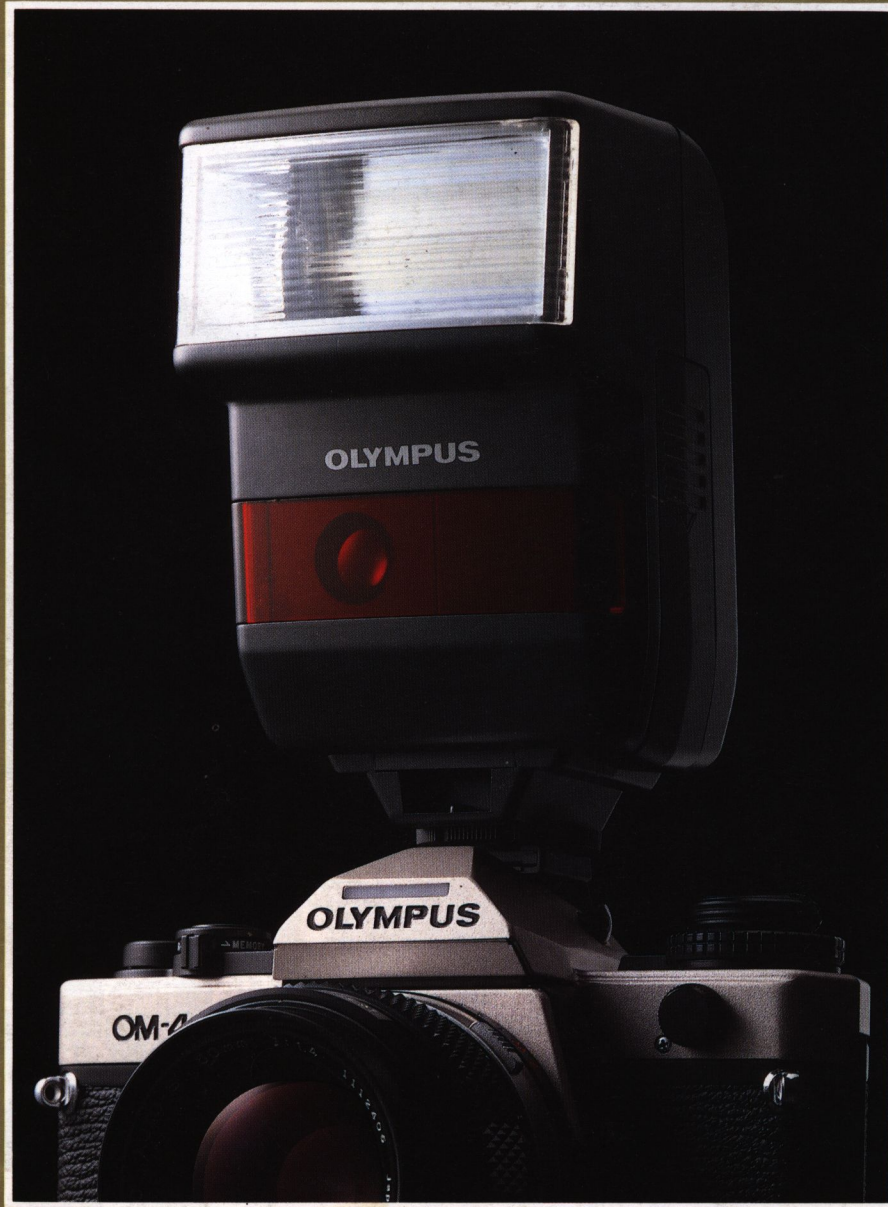
50mm F2 Macro

At last, a super bright macro lens that functions equally well as a standard optic on all but the darkest occasions. The special lens configuration and focusing system assure great results all the way from infinity to 1/2 life-size.



90mm F2 Macro

The latest macro lens in the OM System is also among the most impressive. The 90mm focal length is considered by professional nature and insect life photographers as ideal, because it permits just the necessary working distance from the subject without introducing the problems of excess bulk or excessively critical depth-of-field.



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Medical,
Microscopic,
Industrial &
Business Equipment*

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