

## IS/L LENS A-LIFE SIZE MACRO H.Q. CONVERTER f = 13cm

- 使用説明書
- INSTRUCTIONS
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- MODE D'EMPLOI
- INSTRUCCIONES

- J** このレンズはオリンパスカメラL-2およびL-1のレンズ先端に取り付けて簡単に1:1マクロ撮影が行えるクローズアップレンズです。
- E** This macro converter can be easily attached to the lens of the Olympus IS-2/IS-2000 or IS-1/IS-1000 for 1:1 macro photography.
- D** Dieser Makro-Konverter (für 1:1 Makro-Fotografie) kann auf einfache Weise am Objektiv der Olympus-Kameramodelle IS-2/IS-2000 bzw. IS-1/IS-1000 angebracht werden.
- F** Ce convertisseur macro peut être facilement fixé à l'objectif d'un appareil Olympus IS-2/IS-2000 ou IS-1/IS-1000 pour la réalisation de photographies macro 1:1.
- S** Este macroconvertidor puede ser fácilmente colocado en el objetivo de la Olympus IS-2/IS-2000 ó IS-1/IS-1000 para fotografías macro 1:1.



ISO	FNo.
25	11
50	16
100	22

**E**

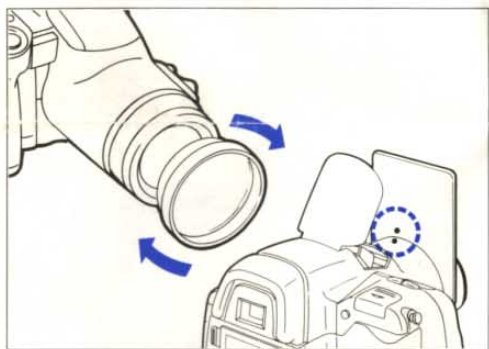
### MOUNTING THE CONVERTER

1. Attach the converter to the camera lens, and tighten by gently turning. Make sure the converter is fixed firmly.

#### Notes:

- When a filter is mounted on the camera's lens, remove the filter before mounting the converter.
- Do not mount the converter too tightly.

2. Insert the provided diffuser into the outer slit of the converter. And align ● on the diffuser with ● on the camera lens.  
Note: When mounting the diffuser, hold the camera's lens, being sure not to apply excessive force to the lens.

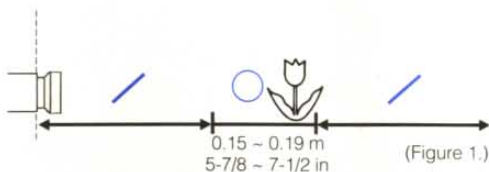


### TAKING PICTURES

#### • When the converter is mounted on the IS-2/IS-2000:

##### (1) In the Program Auto-exposure mode

1. Engage the 1:1 Macro mode.
2. Set the exposure mode to P.
3. Flip up the built-in flash.  
Note: The picture can be taken without the flash. In this case, be careful not to shake the camera.
4. Make sure the subject is within the camera's working distance (0.15 m ~ 0.19 m / 5-7/8 ~ 7-1/2 in.). (See Figure 1.)



5. Aim the camera at your subject. Position the subject within the autofocus frame and press the shutter release button halfway to focus on the subject. (See Table 1.)  
Note: When you want to change the composition, press the zoom button to zoom in or out, then focus on the subject again.
6. Make sure the subject is in focus and depress the shutter button fully.  
Note: When there is sufficient light, the flash may not fire. To activate the flash regardless of available light, set the flash mode to FILL-IN.

(Table 1.)

Picture size mm (in)	Longer side	180 (7-1/16)	90 (3-9/16)	60 (2-3/8)	45 (1-3/4)	36 (1-7/16)
	Magnification ratio	Shorter side	120 (4-3/4)	60 (2-3/8)	40 (1-9/16)	30 (1-3/16)
		0.2×	0.4×	0.6×	0.8×	1.0×
f = 35 ~ 135mm		f = 35mm ————— f = 135mm				

#### (2) In the Aperture-Preferred Auto-Exposure mode

1. Engage the 1:1 Macro mode.
2. Set the exposure mode to A.
3. Set the flash mode to AUTO. The camera will automatically select the flash strength suitable for the aperture setting and film speed.
4. Follow the procedure below step (1) 3.

#### (3) In the Manual Exposure mode

1. Engage the 1:1 Macro mode.
2. Set the exposure mode to M.
3. Set the shutter speed to 1/100 or slower.
4. Select the aperture setting according to Table 2.
5. Follow the procedure below step (1) 3.

#### • When the converter is mounted on the IS-1/IS-1000:

1. Only the Aperture-Preferred Auto-Exposure or Manual Exposure mode can be used.
2. The aperture setting suitable for the film speed being used must be selected. (See Table 2.)
3. Follow the procedure below step (1) 3 in "When the converter is mounted on the IS-2/IS2000."

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(Table 2.)

Note: When the subject is beyond the camera's working distance, the camera may release the shutter, but won't focus on the subject.

### IMPORTANT

- Filters cannot be used.
- The Electronic Flash G40 cannot be used.
- Use of a tripod is recommended to prevent the camera from shaking.
- With insufficient lighting, the subject may not be in focus even though the AF illuminator lights.

### CARE AND STORAGE

- Avoid sudden temperature changes and humidity, and do not expose the lens to water.
- Avoid strong impacts caused by bumping or dropping the lens.
- Do not use organic solvents, thinners, or benzene to clean the lens.
- Do not touch the lens surface. If dirt such as fingerprints or dust adhere to the lens surface, clean with lens cleaning tissue or a soft cloth.
- Do not store the lens in a place where there are mothballs or it's humid.

### SPECIFICATIONS

Optical construction: 3 elements in 3 groups  
Diameter: 60mm (2-3/8 inch)  
Length: 19 mm (3/4 inch)  
Weight: 120 g (4.2 oz)