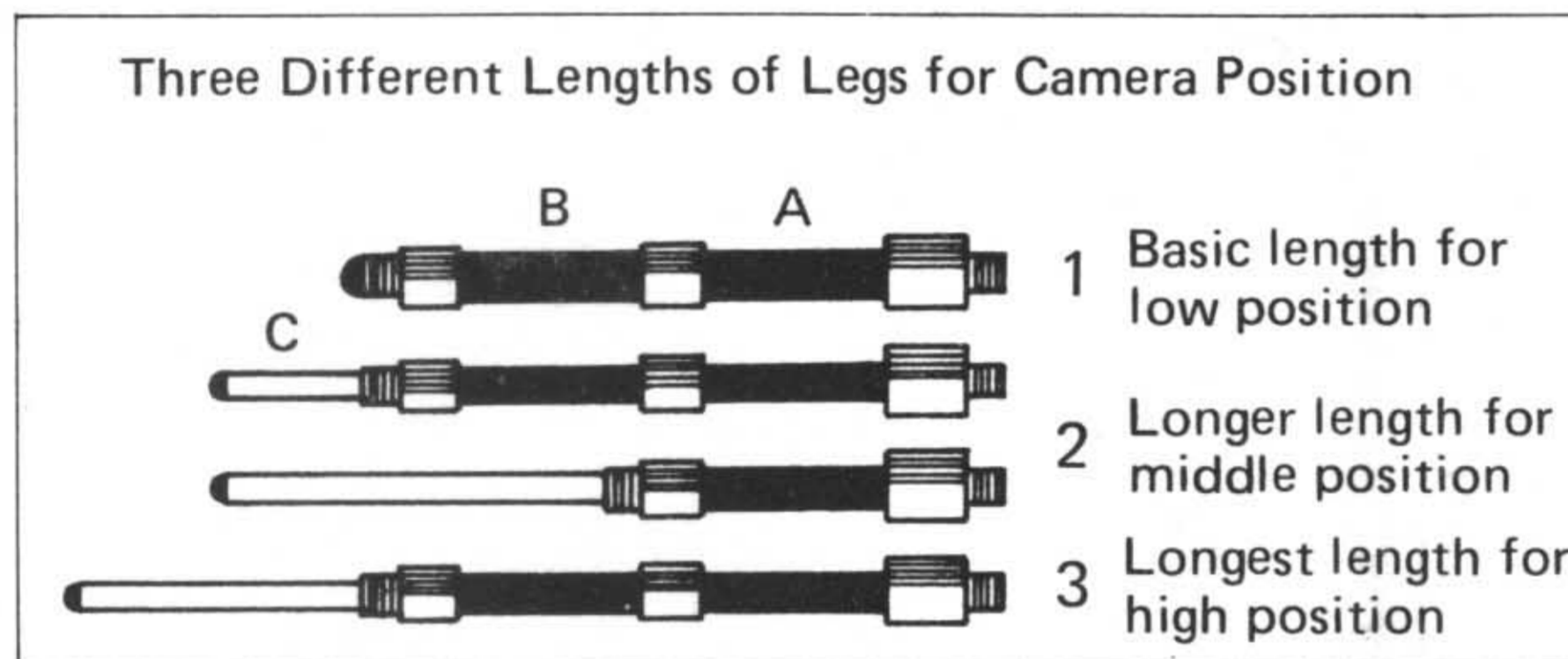
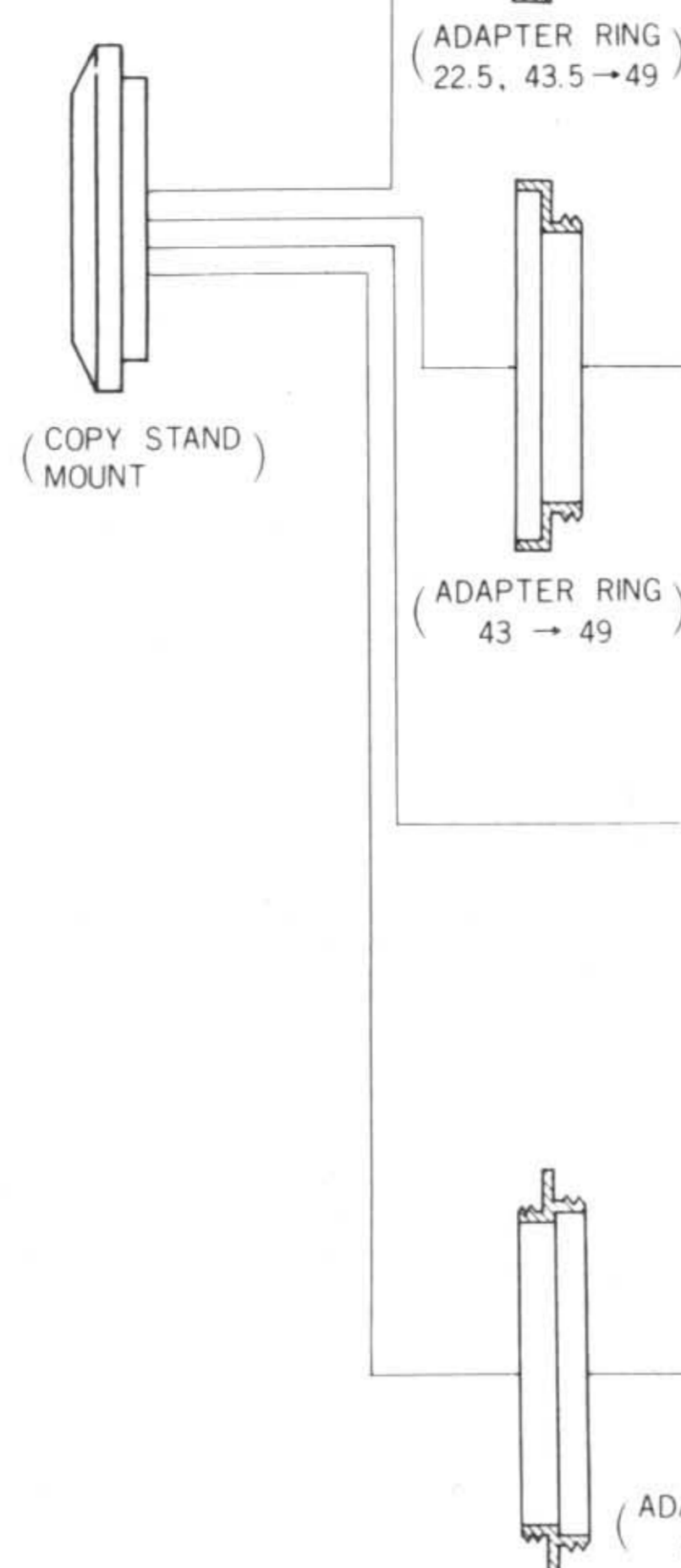


E OLYMPUS HANDY COPY STAND

The Olympus Handy Copy Stand is a stable close-up/copying photographic device which permits taking close-up pictures of pets or still life in addition to making copies of documents, books, photographs and so on. A choice of attachment lens depends on your own camera. The Olympus cameras for use with this copy stand are shown in the table, center. (This device cannot be used with the Pen EE-2, 35EC, 35EC-2 and 35ECR.)



Model	Length of legs	Focusing	Close-up lens	Subject area covered (cm)	Subject area covered (inch)				
Pen F3.5, Pen S F3.5	1	∞	43 mm, f=30 cm	25.2×18.4	9.9×7.2				
	2	∞	43 mm, f=40 cm	34.4×25.1	13.5×9.9				
Pen S F2.8, Pen EES, Pen EES2	1	∞	43 mm, f=30 cm	23.5×17.1	9.3×6.7				
	2	∞	43 mm, f=40 cm	32.1×23.1	12.6×9.2				
TRIP 35	1	∞	43 mm, f=30 cm	26.4×17.6	10.4×6.9				
	2	∞	43 mm, f=40 cm	36.1×24.1	14.2×9.5				
35 RC	1	∞	43 mm, f=30 cm	25.4×17.0	10.0×6.7				
	2	∞	43 mm, f=40 cm	34.8×23.2	13.7×9.1				
Pen F, FT	1	∞	49 mm, f=40 cm	17.8×13.0	7.0×5.1				
						Zuiko, Standard 38 mm F1.8	2	24.6×17.9	9.7×7.0
							3	34.2×25.0	13.5×9.8
	2	∞	49 mm, f=40 cm	17.1×12.5	6.7×4.9				
						Zuiko, Standard 40 mm F1.4	1	23.5×17.2	9.3×6.8
							3	32.7×23.8	12.9×9.4
3	∞	49 mm, f=40 cm	18.6×14.0	7.3×5.5					
					Zuiko, Macro 38 mm F3.5	1	25.4×19.1	10.0×7.5	
						3	35.1×26.3	13.8×10.3	
FTL	1	∞	49 mm, f=40 cm	20.2×13.5	8.0×5.3				
						Zuiko, Standard 50 mm F1.8	2	26.6×17.8	10.5×7.0
							3	37.2×24.8	14.6×9.8
	2	∞	49 mm, f=40 cm	20.3×13.6	8.0×5.4				
						Zuiko, Standard 50 mm F1.4	1	27.4×18.3	10.8×7.2
							3	38.0×25.3	15.0×10.0
3	∞	49 mm, f=40 cm	16.7×12.5	6.6×4.9					
					Pen F, FT 42 mm F1.2	2	22.8×17.1	9.0×6.7	
						3	31.4×23.5	12.4×9.3	
35 SP	2	∞	49 mm, f=40 cm	34.5×23.0	13.6×9.1				
OM-1	1	∞	49 mm, f=40 cm	20.2×13.5	8.0×5.3				
						Zuiko, Standard 50 mm F1.8	2	26.6×17.8	10.5×7.0
							3	37.2×24.8	14.6×9.8
	2	∞	49 mm, f=40 cm	20.3×13.6	8.0×5.4				
						Zuiko, Standard 50 mm F1.4	1	27.4×18.3	10.8×7.2
							3	38.0×25.3	15.0×10.0
3	∞	49 mm, f=40 cm	19.7×13.1	7.8×5.2					
					Zuiko, Macro 50 mm F3.5	1	27.3×18.2	10.7×7.2	
						3	37.7×25.1	14.8×9.9	
OM-1	1	∞	55 mm, f=40 cm	19.2×12.8	7.6×5.0				
						Zuiko, Standard 55 mm F1.2	2	26.1×17.4	10.3×6.9
	3	36.0×24.0	14.2×9.4						



Application to Olympus Cameras

A. OM-1 and FTL

- Mount the camera on the copy stand mount. Aligning the center index of the camera's aperture ring to the dot in "35mm SIZE" marked on the copy stand mount, and clamp the camera with screw provided. (When you use the OM-1 with F1.2 standard lens, mount the "adapter ring 55 → 49" to the lens before attaching the camera to the copy stand.)
- Attach the cable release. Screw the cable release into the shutter release button.
- Place the subject right below the camera lens.
- Illuminate the subject evenly. Illuminate the whole surface of subject evenly from oblique position so as to leave no shadow on the surface.
- Determine the exposure. Set the F/stop ring as desired, and rotate the shutter speed

B. Pen FT

- Mount the "adapter ring 43 → 49" on the camera lens.
- Attach the camera to the copy stand mount.
- Attach the cable release to the shutter release button.
- Place the subject right below the camera lens.
- Illuminate the subject evenly.
- Determine the exposure. Refer to (5) in "Application to the OM-1".
- Looking through the viewfinder, focus on the subject.
- Release the shutter.

C. Pen F3.5, Pen S F3.5 and Pen S F2.8

- Place the subject right below the camera lens.
- Illuminate the subject evenly.
- Determine the exposure. Bring an exposure meter close to the subject and measure the exposure value with particular attention not to leave shadow on the subject surface. Set the aperture and shutter speed rings accordingly.
- Mount the "adapter ring 22.5, 43.5 → 49" on the camera lens.
- Set the focusing ring to infinity.
- Attach the "close-up lens 43mm, f=30cm" for "low position" or the "close-up lens 43mm, f=40cm" for "middle position", to the adapter ring.
- Attach the cable release.
- Attach the camera to the copy stand mount.
- Release the shutter.

D. Pen EES and Pen EES-2

- Rotate the focusing ring be-

- yond the infinity mark, until the ring stops.
- Mount the "adapter ring 22.5, 43.5 → 49" on the camera lens.
- Attach the close-up lens to the "adapter ring 22.5, 43.5 → 49". Refer to (6) in "Application to Pen F3.5".
- Place the subject right below the camera lens.
- Illuminate the subject evenly.
- Determine the exposure. Set the camera to the manual exposure setting. Measure the exposure value with an exposure meter to obtain a correct F/stop so that it matches the shutter speed 1/40 sec.
- Attach the cable release.
- Attach the camera to the copy stand mount.
- Release the shutter.

E. 35RC and Trip 35

- Set the focusing ring to infinity.
- Mount the "adapter ring 22.5, 43.5 → 49" on the camera lens.

- Attach the close-up lens. Refer to (6) in "Application to Pen F3.5".
- Attach the cable release.
- Place the subject right below the camera lens.
- Illuminate the subject evenly.
- Determine the exposure. For 35RC, refer to (3) in "Application to Pen F3.5". For Trip 35, refer to (6) in "Application to Pen EES".
- Release the shutter.

F. 35SP

- Set the focusing ring to infinity.
- Mount the "close-up lens 49mm, f=40cm" on the camera lens.
- Attach the camera to the copy stand mount.
- Attach the cable release.
- Place the subject right below the camera lens.
- Illuminate the subject evenly.
- Determine the exposure. Refer to (3) in "Application to Pen F3.5".
- Release the shutter.

How to Set Up the Copy Stand

Before assembly of the Copy Stand, determine the length of the legs. The camera height can be adjusted in 3 positions according to the length of legs. Each leg consists of three components A, B and C. These components are contained in the carrying case in assembly.

(1) For basic position:

Take out the 4 leg assemblies and copy stand mount which accepts the camera on it. Screw each leg assembly into the copy stand mount.

(2) For middle position:

Unscrew B/C combination from A, and insert C reversely into A. Then screw all the 4 legs into the copy stand mount.

(3) For high position:

Unscrew C from B, and insert C reversely into B. Then screw all the 4 legs into the copy stand mount.



How to Use

- Set the F/stop ring of the camera at F5.6 or F8 to obtain an ideal depth of field in most cases.
- The Pen EES, Pen EES-2, Trip 35, 35RC and 35SP cannot be used at the automatic exposure setting with this device. They must be set to manual exposure.
- Generally, in close-up or copying photography, it is difficult to determine correct exposure because of extreme contrast; for example, when the subject is white letters printed against black background or black letters against white background. It is recommended, therefore, to shoot a subject at different exposure values in order to determine appropriate exposure which may be used in your later close-up photography.
- It is also recommended to use a cable release in order to prevent camera vibration at shutter release.
- Indirect lighting is necessary in case of copying photography of documents or printed material. In particular, be careful not to leave shadows of the legs in your picture.
- The carrying case is provided with two additional empty seats to hold any 51mm or smaller diam. close-up lenses in place.