

— INSTRUCTIONS —

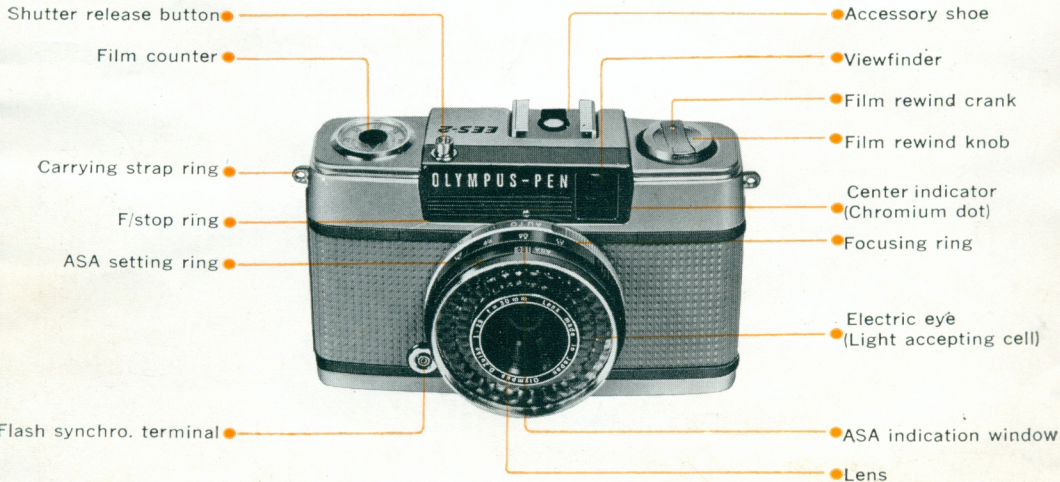
Olympus
Pen **EES-2**

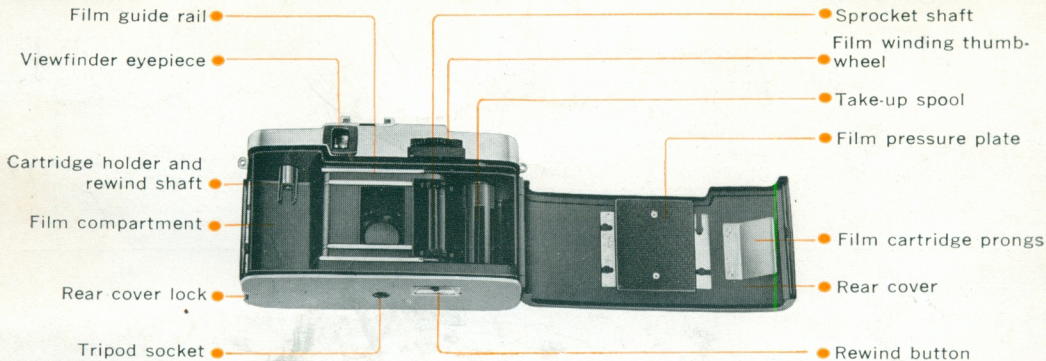
OLYMPUS OPTICAL CO., LTD. TOKYO, JAPAN

When you read this brochure, please hold the camera in your hands actually. Pay attention to the positions of the hands shown in the pic-

tures, because each picture indicates the right positions of your hands.

Component Parts





■ Main Features

Film size: 24×18mm using regular 35mm cassette

Lens: D. Zuiko F 2.8, f=30mm
(4 elements in 3 groups)

Shutter: Olympus programmed shutter
Automatic; 1/40 sec. or 1/200 sec.
Manual; 1/40 sec., X synchro. contact

Automatic: Shutter release button locking system
for under exposure

Lens opening: Automatic; Diaphragm automatically
moves from F 2.8 to F22
Manual; For flash photography
from F 2.8 to F 22

Viewfinder: Luminous brightframe finder (Magnification 0.5) with parallax correction mark and red warning signal for under exposure

Film loading: Easy loading system

Film winding: Thumb winding at camera rear
Self-cocking to prevent blank and double exposure

Film counter: Exposed counting, self-resetting type

Film rewinding: Crank type with self-holding rewind button

Focusing: Zone focusing lens system
(4 distance symbols setting)

Exposure meter: Automatic exposure adjustment
by built-in electric eye meter

Automatic exposure range: EV 8.32~EV 17.14 (ASA 100)

Film speed setting: ASA 25~ASA 400

Rear cover operation: Hinge type

Accessory shoe: Cordless flash contact

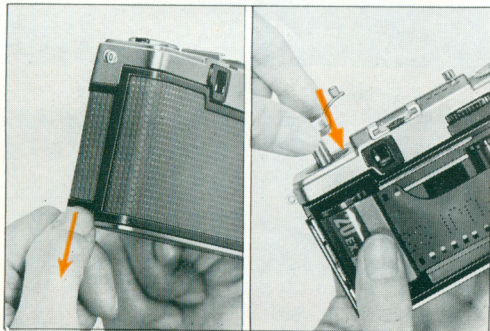
Size & weight: 108 (width)×66 (height)×48 (depth) mm.
4¼ (width)×2½ (height)×2 (depth)
inches, 370 gr., 13 oz.



1

1. Set the camera to manual system

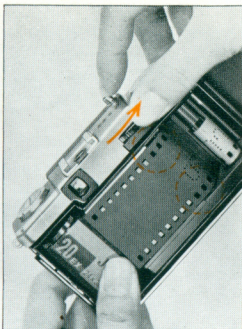
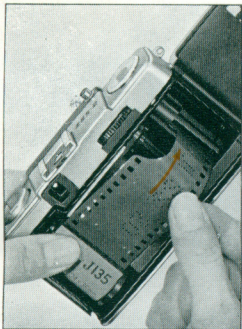
Turn the F/stop ring to move the "AUTO" mark off the center indicator. The Auto system is switched to manual system. Set any one of the F numbers to the indicator. The shutter can be released freely regardless of light condition.



2

2. Open the rear cover and load the camera with film

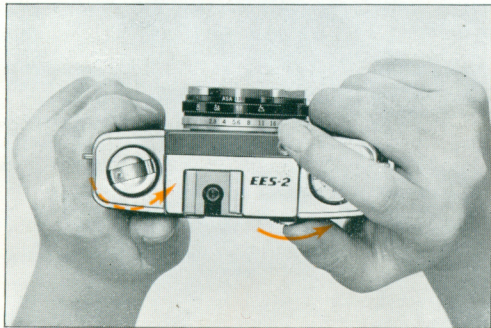
Pull out the rear cover lock. The cover will open automatically. Then pull up the rewinding knob. Put the film cassette into the film compartment. Push the rewinding knob in. If the knob cannot be pushed in completely, turn it slightly clockwise or counterclockwise, while maintaining pressure.



3

3. Engage the film with the take-up spool

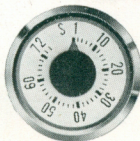
Hold the camera with your left hand. With the right hand, pull out the film end to such extent that it reaches the take-up spool. Insert the film end into any of the six slots on the take-up spool, keeping it away from direct sunlight. Be sure that the gear teeth on the sprocket spool engage the perforations of both sides of the film, winding the film on to the take-up spool. Close the rear cover.



4

4. Check the film counter

Wind the film and release the shutter button. Repeat this motion two or three more times until the red triangle of the film counter points to "1". From this point, start taking pictures. Whenever you wind the film be sure you wind it all the way. If the rewind knob



turns during the repeated motion, this shows that the film is being advanced properly.



5

5. Set the ASA film speed and also set the camera to Auto system

Rotate the ASA setting ring until the ASA number of the film being used appears in the ASA indication window. Then turn the F/stop ring until the "AUTO" mark clicks and stops at the center indicator.

* Set ASA film speed to 40 for 32, when

ASA

you use film with ASA rating 32.

6

6. Set the distance

The focusing ring has 4 distance symbols. Take an approximate distance between your camera and the subject, and set the appropriate distance symbol to the center indicator by rotating the focusing ring. For general picture-taking, set the group snap symbol (👤) to the center indicator, which gives you a good result.

Distance symbol	👤	👤👤	👤👤👤	🏔️
Distance represented	3.3 ft 1m	5 ft 1.5m	10 ft 3m	∞
Subject	Close-up	Portrait	Group snap	Landscape

* Beyond close-up symbol (👤), the ring stops as 0.9m (3 ft) which is the closest distance setting.



7. Compose the picture and release the shutter

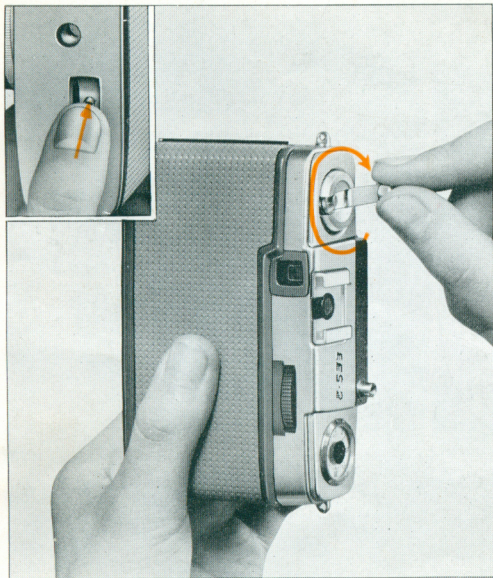
Hold the camera firmly. Look through the viewfinder and place the subject in the center of the frame. Press the shutter release button with the flat part of the index finger, but NOT with the tip of the finger.

When making close-ups (close-up symbol or closer), frame the subject in the area under 2 small indices which are the parallax correction marks.

When the subject is too dim, the shutter can not be released, and a red warning signal comes up in the viewfinder. In this case, move the subject to an area that has more light, or use a flashgun.

7



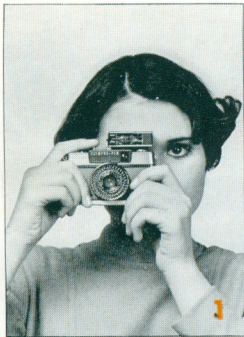


8. Rewinding the film

When a roll of film is completely exposed, rewind the film. DO NOT attempt to advance the film. The film is completely exposed when the red triangle of the film counter points the number 72, 40 or 24 depending upon the length of film used. Press the rewind button on the bottom of the camera body. Lift the rewind crank and turn it in the direction of arrow. The crank is tight while the film is being rewound, but when the end of the film leaves the take-up spool, the crank will become loose. Open the rear cover and pull out the film rewind knob. Then remove the film, keeping it away from direct sunlight.

8

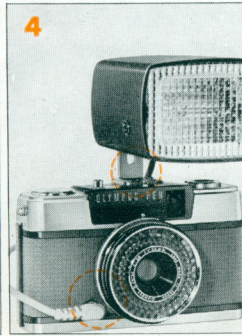
Flash Photography



- (1) The use of either a flashgun or an electronic flash is recommended, if red warning signal appears in the viewfinder.

We recommend our compact style Pen Flash CL which accepts AG-1 and AG-1B (for colour photography) bulbs.

- (2) Set the camera to manual system by turning the 'F/stop ring (see "1" in preceding page). Set the F number instructed on your flash bulb package. The shutter speed is automatically set at 1/40 sec.



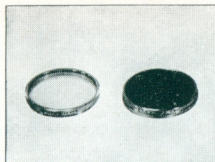
- (3) The Olympus Pen Flash CL can be connected simply by slipping its foot on to the accessory shoe (incorporating cordless contact) provided on top of the camera. To obtain proper lens opening, which is calculated by camera-to-subject distance, please refer to the exposure chart provided on the rear of the flash unit.

- (4) When using an ordinary flashgun or electronic flash, slip the foot of the unit on to the accessory shoe and attach the flash connecting plug to the synchronizing socket on the camera.

Handy Accessories

Filter

Use 43.5mm screw-in type or 45mm slip-on type filter.



No filter

Filter Y2

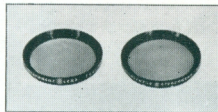
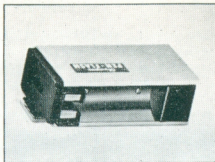


Filter Types and Characteristics :

U V	Eliminates undesirable ultra-violet rays and gives clear pictures. Also usable constantly for lens protection. (For black-and-white film)
Y 2	Accentuates contrasts, for example, by darkening a blue sky and bringing white clouds into relief, and produces three-dimensional effects. (For black-and-white film)
1 A	(skylight) - Like UV, eliminates stray ultra-violet rays and prevents pictures from assuming a bluish tone. Usable for lens protection. (For colour film)
81 C	(for cloudy weather) - Designed for colour photography, prevents a bluish tone from its entering pictures taken under cloudy or rainy weather.
82 C	(for morning and evening) - Designed for colour photography, prevents a yellow-reddish tone from its entering pictures taken during morning or evening hours when red rays abound.
ND4X	Reduces the quantity of light entering to the lens to one-fourth. Usable either for colour or black-and-white photography.
Conversion A	Used when taking pictures with Tungsten type film under daylight (For colour film).

Pen Flash CL

The compact Pen Flash CL, accepting AG-1 bulb and AG-1B (for colour photography), can be connected electrically by slipping its foot on to the accessory shoe.



Pen-Up 3 with the attachment lens

The Pen-Up 3 is useful for taking close-up pictures of pet animals or still life in addition to making copies of documents, books, photographs and other reference data. By using Pen-Up 3 with the attachment lens $f=30\text{cm}$ or $f=40\text{cm}$, you can take a close-up picture of subject up to the area covered by $14.8 \times 21.0\text{cm}$ or $21.0 \times 29.7\text{cm}$ respectively.

Give the camera the care it deserves:

- * Dust and moisture are enemies of your camera. Be sure to store the camera in a dry and well ventilated place.
- * Don't touch the lens with your fingers. If touched, wipe it with a clean unstarched cotton cloth. Fingerprints, if not wiped off immediately, will eventually not be removable.
- * After using the camera on the beach, be sure to wipe the surface of the camera with a soft cloth so that no salt or other corrosive substance will be left on it.
- * If the camera should need service, bring it immediately to your dealer, who is an OLYMPUS service agent.

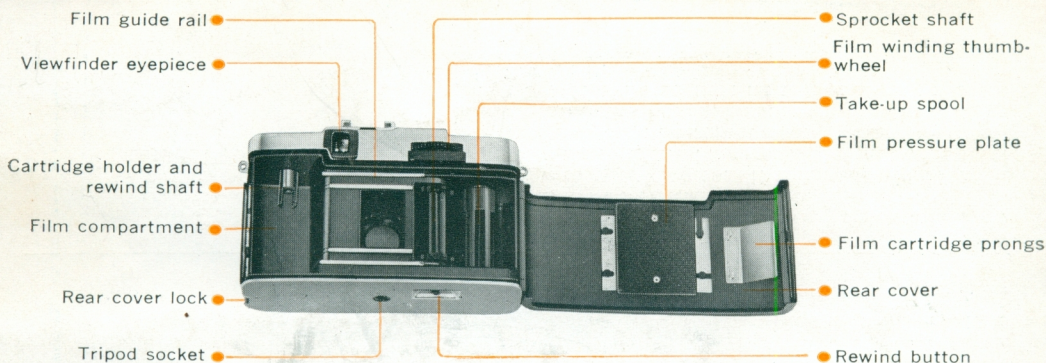
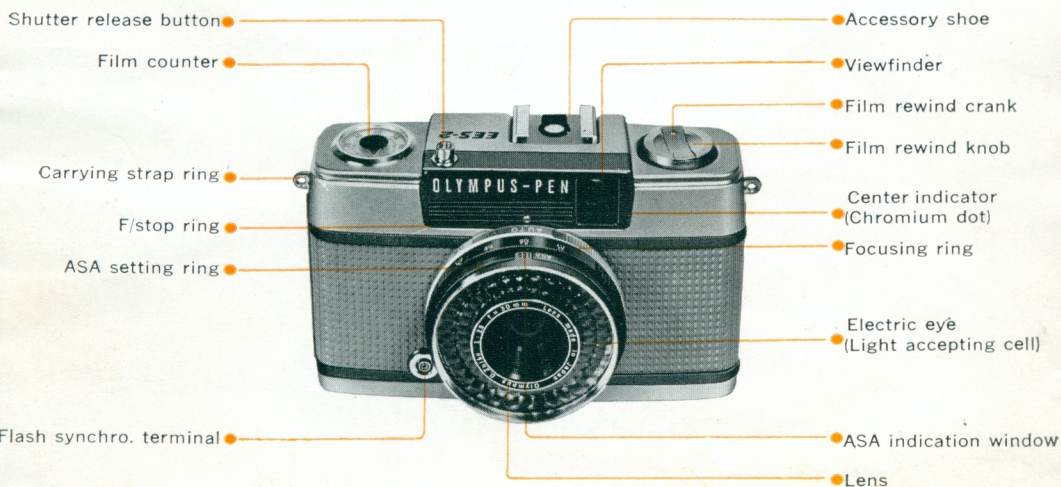


Olympus TOKYO

When you read this brochure, please hold the camera in your hands actually. Pay attention to the positions of the hands shown in the pic-

tures, because each picture indicates the right positions of your hands.

Component Parts



Main Features

Film size: 24×18mm using regular 35mm cassette

Lens: D. Zuiko F 2.8, f=30mm

(4 elements in 3 groups)

Shutter: Olympus programmed shutter

Automatic; 1/40 sec. or 1/200 sec.

Manual; 1/40 sec., X synchro. contact

Automatic: Shutter release button locking system

for under exposure

Lens opening: Automatic; Diaphragm automatically

moves from F 2.8 to F22

Manual; For flash photography

from F 2.8 to F 22

Viewfinder: Luminous brightframe finder (Magnification

0.5) with parallax correction

mark and red warning signal for under

exposure

Film loading: Easy loading system

Film winding: Thumb winding at camera rear
Self-cocking to prevent blank and double exposure

Film counter: Exposed counting, self-resetting type

Film rewinding: Crank type with self-holding rewind button

Focusing: Zone focusing lens system

(4 distance symbols setting)

Exposure meter: Automatic exposure adjustment

by built-in electric eye meter

Automatic exposure range: EV 8.32~EV 17.14 (ASA

100)

Film speed setting: ASA 25~ASA 400

Rear cover operation: Hinge type

Accessory shoe: Cordless flash contact

Size & weight: 108 (width)×66 (height)×48 (depth)mm.

4½ (width)×2½ (height)×2 (depth)

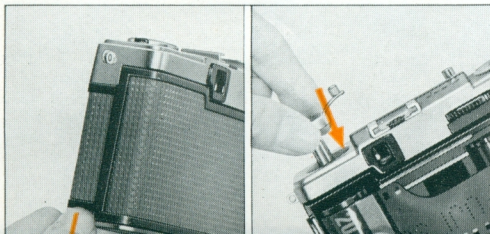
inches, 370 gr., 13 oz.



1

1. Set the camera to manual system

Turn the F/stop ring to move the "AUTO" mark off the center indicator. The Auto system is switched to manual system. Set any one of the F numbers to the indicator. The shutter can be released freely regardless of light condition.



2

2. Open the rear cover and load the camera with film

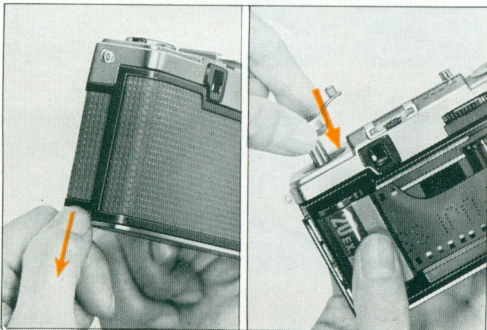
Pull out the rear cover lock. The cover will open automatically. Then pull up the rewinding knob. Put the film cassette into the film compartment. Push the rewinding knob in. If the knob cannot be pushed in completely, turn it slightly clockwise or counterclockwise while



1

1. Set the camera to manual system

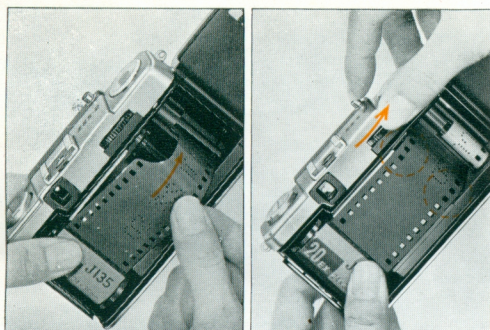
Turn the F/stop ring to move the "AUTO" mark off the center indicator. The Auto system is switched to manual system. Set any one of the F numbers to the indicator. The shutter can be released freely regardless of light condition.



2

2. Open the rear cover and load the camera with film

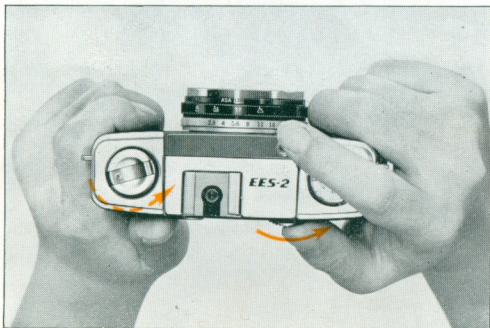
Pull out the rear cover lock. The cover will open automatically. Then pull up the rewinding knob. Put the film cassette into the film compartment. Push the rewinding knob in. If the knob cannot be pushed in completely, turn it slightly clockwise or counterclockwise, while maintaining pressure.



3

3. Engage the film with the take-up spool

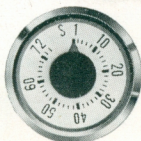
Hold the camera with your left hand. With the right hand, pull out the film end to such extent that it reaches the take-up spool. Insert the film end into any of the six slots on the take-up spool, keeping it away from direct sunlight. Be sure that the gear teeth on the sprocket spool engage the perforations of both sides of the film, winding the film on to the take-up spool. Close the rear cover.



4

4. Check the film counter

Wind the film and release the shutter button. Repeat this motion two or three more times until the red triangle of the film counter points to "1". From this point, start taking pictures. Whenever you wind the film be sure you wind it all the way. If the rewind knob turns during the repeated motion, this shows that the film is being advanced properly.



5

5. Set the ASA film speed and also set the camera to Auto system



Rotate the ASA setting ring until the ASA number of the film being used appears in the ASA indication window. Then turn the F/stop ring until the "AUTO" mark clicks and stops at the center indicator.

* Set ASA film speed to 40 for 32, when you use film with ASA rating 32.



6. Set the distance

The focusing ring has 4 distance symbols. Take an approximate distance between your camera and the subject, and set the appropriate distance symbol to the center indicator by rotating the focusing ring. For general picture-taking, set the group snap symbol (two figures) to the center indicator, which gives you a good result.

Distance symbol				
Distance represented	3.3 ft 1m	5 ft 1.5m	10 ft 3m	∞

6





5

5. Set the ASA film speed and also set the camera to Auto system

Rotate the ASA setting ring until the ASA number of the film being used appears in the ASA indication window. Then turn the F/stop ring until the "AUTO" mark clicks and stops at the center indicator.

* Set ASA film speed to 40 for 32, when you use film with ASA rating 32.



6

6. Set the distance

The focusing ring has 4 distance symbols. Take an approximate distance between your camera and the subject, and set the appropriate distance symbol to the center indicator by rotating the focusing ring. For general picture-taking, set the group snap symbol (三) to the center indicator, which gives you a good result.

Distance symbol				
Distance represented	3.3 ft 1m	5 ft 1.5m	10 ft 3m	∞
Subject	Close-up	Portrait	Group snap	Landscape

* Beyond close-up symbol (δ), the ring stops as 0.9m (3 ft) which is the closest distance setting.



7

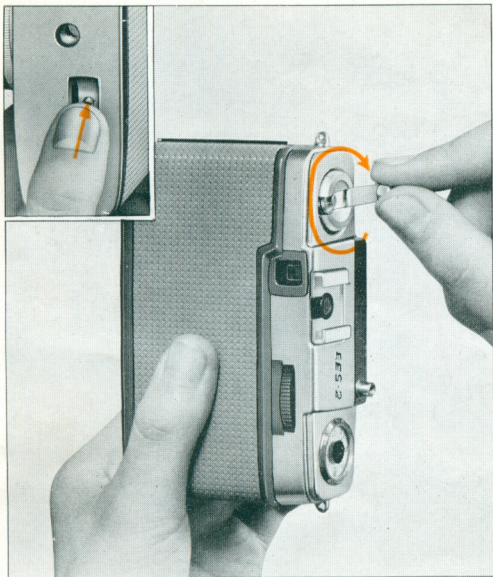
7. Compose the picture and release the shutter

Hold the camera firmly. Look through the viewfinder and place the subject in the center of the frame. Press the shutter release button with the flat part of the index finger, but NOT with the tip of the finger.

When making close-ups (close-up symbol or closer), frame the subject in the area under 2 small indices which are the parallax correction marks.

When the subject is too dim, the shutter can not be released, and a red warning signal comes up in the viewfinder. In this case, move the subject to an area that has more light, or use a flashgun.





8. Rewinding the film

When a roll of film is completely exposed, rewind the film. DO NOT attempt to advance the film. The film is completely exposed when the red triangle of the film counter points the number 72, 40 or 24 depending upon the length of film used. Press the rewind button on the bottom of the camera body. Lift the rewind crank and turn it in the direction of arrow. The crank is tight while the film is being rewound, but when the end of the film leaves the take-up spool, the crank will become loose. Open the rear cover and pull out the film rewind knob. Then remove the film, keeping it away from direct sunlight.

8



Flash Photography

- (1) The use of either a flashgun or an electronic flash is recommended, if red warning signal appears in the viewfinder.

We recommend our compact style Pen Flash CL which accepts AG-1 and AG-1B (for colour photography) bulbs.

- (2) Set the camera to manual system by turning the F/stop ring (see "1" in preceding page). Set the F number instructed on your flash bulb package. The shutter speed is automatically set at 1/40 sec.



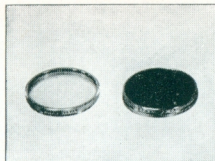
- (3) The Olympus Pen Flash CL can be connected simply by slipping its foot on to the accessory shoe (incorporating cordless contact) provided on top of the camera. To obtain proper lens opening, which is calculated by camera-to-subject distance, please refer to the exposure chart provided on the rear of the flash unit.

- (4) When using an ordinary flashgun or electronic flash, slip the foot of the unit on to the accessory shoe and attach the flash connecting plug to the synchronizing socket on the camera.

Handy Accessories

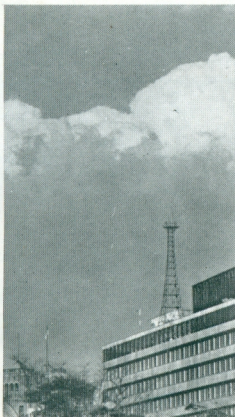
Filter

Use 43.5mm screw-in type or 45mm slip-on type filter.



No filter

Filter Y2

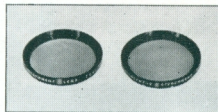
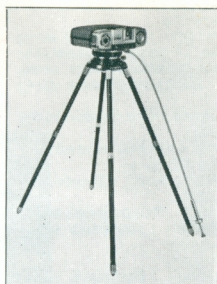
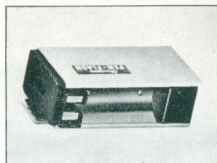


Filter Types and Characteristics:

U V	Eliminates undesirable ultra-violet rays and gives clear pictures. Also usable constantly for lens protection. (For black-and-white film)
Y 2	Accentuates contrasts, for example, by darkening a blue sky and bringing white clouds into relief, and produces three-dimensional effects. (For black-and-white film)
1 A	(skylight) - Like UV, eliminates stray ultra-violet rays and prevents pictures from assuming a bluish tone. Usable for lens protection. (For colour film)
81 C	(for cloudy weather) - Designed for colour photography, prevents a bluish tone from its entering pictures taken under cloudy or rainy weather.
82 C	(for morning and evening) - Designed for colour photography, prevents a yellow-reddish tone from its entering pictures taken during morning or evening hours when red rays abound.
ND4X	Reduces the quantity of light entering to the lens to one-fourth. Usable either for colour or black-and-white photography.
Conversion A	Used when taking pictures with Tungsten type film under daylight (For colour film).

Pen Flash CL

The compact Pen Flash CL, accepting AG-1 bulb and AG-1B (for colour photography), can be connected electrically by slipping its foot on to the accessory shoe.



Pen-Up 3 with the attachment lens

The Pen-Up 3 is useful for taking close-up pictures of pet animals or still life in addition to making copies of documents, books, photographs and other reference data. By using Pen-Up 3 with the attachment lens $f=30\text{cm}$ or $f=40\text{cm}$, you can take a close-up picture of subject up to the area covered by $14.8 \times 21.0\text{cm}$ or $21.0 \times 29.7\text{cm}$ respectively.

Give the camera the care it deserves:

- * Dust and moisture are enemies of your camera. Be sure to store the camera in a dry and well ventilated place.
- * Don't touch the lens with your fingers. If touched, wipe it with a clean unstarched cotton cloth. Fingerprints, if not wiped off immediately, will eventually not be removable.
- * After using the camera on the beach, be sure to wipe the surface of the camera with a soft cloth so that no salt or other corrosive substance will be left on it.
- * If the camera should need service, bring it immediately to your dealer, who is an OLYMPUS service agent.



Olympus TOKYO