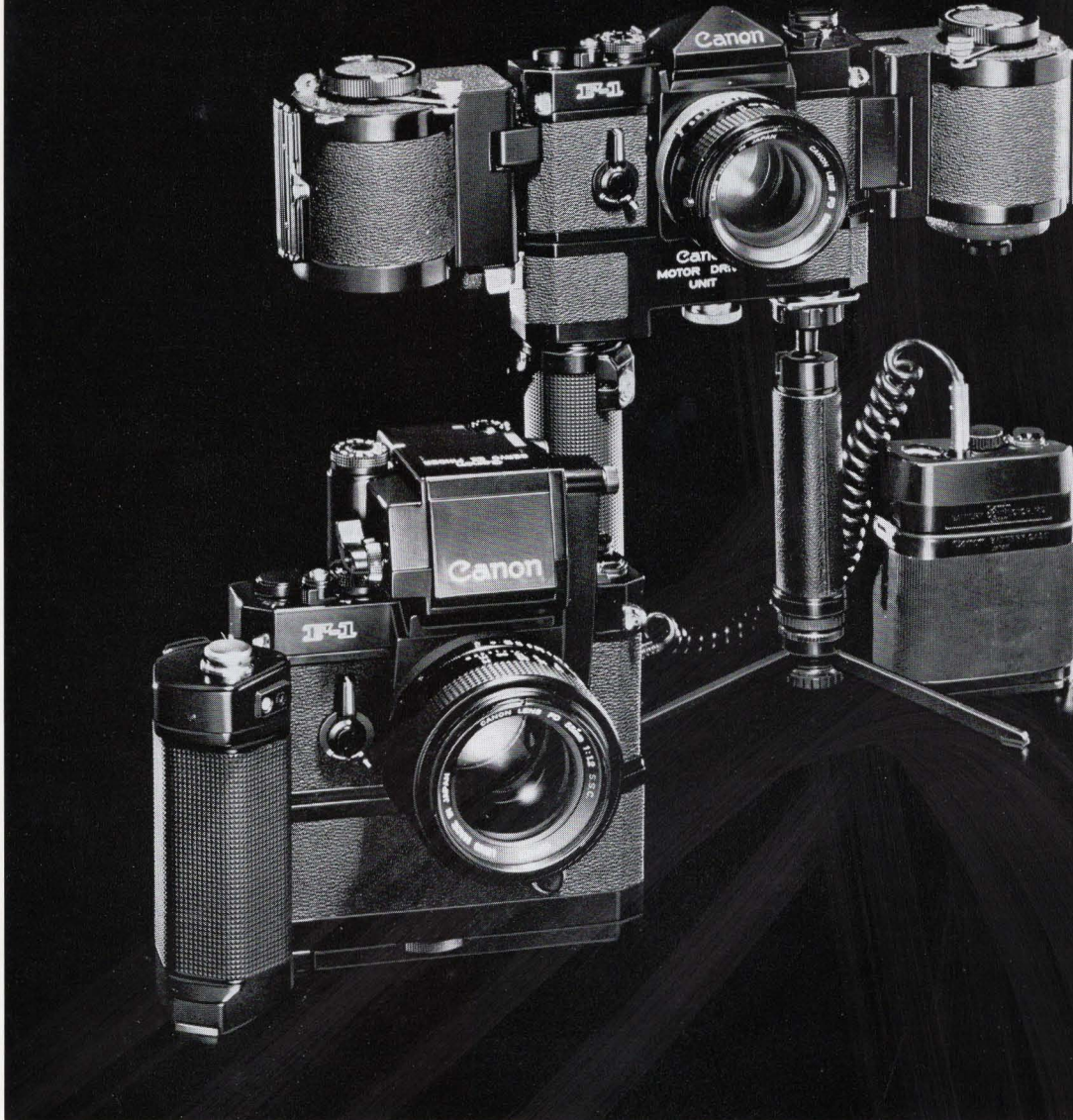


# Canon F-1 ACCESSORIES



## Canon Motor Drive Unit

The Canon Motor Drive Unit is designed for use together with the Canon F-1 camera for sporting and time lapse photography. This unique and precision built film advance apparatus can be easily attached to the base of the camera. It is also usable with all related accessories and system equipment. The electronic device and highly efficient built-in timer make it possible for continuous shooting up to 36 exposures or 250 exposures with the Film Chamber 250 as well as for single-frame exposures and high-speed photography at the three exposures per second. The timer can also be set at seven intervals up to 60 seconds. It is possible to make a 24-hour unmanned photographic record and automatic stopping upon completion of photography when the Motor Drive Unit is used with the Servo EE Finder.

## Canon Film Chamber 250

The Canon Film Chamber 250 goes hand-in-hand with the Canon Motor Drive Unit and is good not only for general photography but is valuable for taking photographs of important documents, experiment, news and sporting events. It is a long-length roll film magazine with capacity for 250 exposures. Also made to guarantee single-frame exposures.

## Canon Battery Case

The Battery Case and Battery Magazine 15 V serve as a principal power source for the Motor Drive Unit. The Battery Case contains the Battery Magazine 15V consists of 10 penlight (size AA) batteries or Battery Magazine 12V consists of 8 penlight (size AA) batteries. The Motor Drive Unit and the Battery Case (15 V) are connected by the Battery Connector MD.

## Canon Battery Case D

The Canon Battery Case D was developed as an exclusive directly connected motor drive accessory for Canon F-1. It is small in size, lightweight and convenient for carrying.

## Canon Motor Drive MF

Developed as a sister product of the Motor Drive Unit. It enables you to take 3.5 pictures per second and is completely interchangeable with the series of accessories for the Canon F-1. Including the Film Chamber 250 and the Servo EE Finder.

## Canon Servo EE Finder

The Canon Servo EE Finder is an electronic device automatically arranged to predetermine the proper f/stop when it is set in motion with the full aperture metering mechanism of the F-1. It is safe against vibration and shock and its EE contrivance responds quickly to light intensity with use of a servo-motor. The centrally-weighted averaging system is used. Unmanned non-stop shooting of ecological and other experiments is possible when the Motor Drive Unit is used.

## Canon Booster T Finder

Interchangeable with the standard Eye-Level Finder for the F-1, gives proper exposure with its electronic timer under extremely dim light conditions. It is effective for photomicrography, macro-photography, indoor picture taking and for night scene under dim light conditions.

Subject to alterations.

## Viewfinder System



### Servo EE Finder

The Servo EE Finder is an EE functioning interchangeable viewfinder, which is coupling to the full-aperture metering mechanism of the FD lenses. It presets the proper f/stop automatically with shutter speed priority.

### Cord 12V 2E

The Cord 12V 2E is used for connecting the Servo EE Finder to the Battery Case or to the Battery Connector MD.



### Booster T Finder

The Booster T Finder is used for reading precise exposure with its built-in electronic timer down to 60 sec. under extreme dim light condition. Metering range is from EV 10 (f/22 at 1/2 sec.) to EV -3.5 (f/1.2 at 15 sec.) with ASA 100 film.

### Cord 6V 2B

This cord is used for connecting the Booster T Finder to the Battery Case. (12V)



### Speed Finder

The Speed Finder is used for all kinds of photography, from over head shots to copy work. This viewfinder can be changed into an Eye-Level Finder or Waist-Level Finder by simply turning the rear section of the optical system.

The eye point of the Speed Finder is located 60mm in back of the eyepiece.



### Waist-Level Finder

The Waist-Level Finder is an interchangeable viewfinder with built-in 5x magnifier glass. This viewfinder is very effective for low position photography and for focusing in copy work.



### Angle Finder B

The Angle Finder B is a viewfinder attachment so that the left and right, and the top and bottom of the image can be seen as it actually is, and the entire field-of-view can be observed. It is very conveni-

ent for copy work, close-up photography and shooting a subject from low-angle.



### Focusing Screens

Four types of focusing screens are available: Focusing Screen A (microprism type), B (split-image type), C (all-mat type) and D (section-mat type). Usually F-1 is supplied with Focusing Screen A.



### Diopter Adjustment Lenses

Three kinds of interchangeable diopter adjustment lenses for near-sightedness and four kinds for far-sightedness are available: R-2, R-3 and R-4 for near-sightedness; R0, R+1, R+2 and R+3 for far-sightedness.

The F-1 comes with standard R-1.



### Magnifier R

The Magnifier R is used for magnifying the focusing screen so that accurate focus can be obtained. It can be attached to the eyepiece of the Eye-Level Finder, Booster T Finder or Servo EE Finder.

### Magnifier Adapters

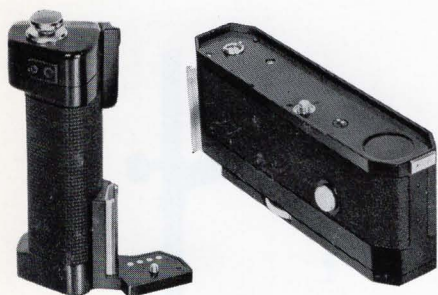
There are two magnifier adapters; one is for the Eye-Level Finder and the other is a clip-on type magnifier adapter for the Servo EE Finder and Booster T Finder.



### Eye Cup 3R

The Eye Cup 3R is an eyepiece hood for light shield. This is attached over the eyepiece ring.

## Motor Drive System and Power System



### Canon Motor Drive MF

The Motor Drive MF was developed as a companion unit of the Motor Drive Unit which is already enjoying a great popularity.

To meet the demands of news and sports photographers, this unit was planned with emphasis in operational ability and mobility.

It has made photography at 3.5 frames per second possible, and the conventional accessories are all interchangeable.

Furthermore, the combined use of newly developed equipment for automatic photography and remote control has conquered an even wider range of photographic possibilities.

### Connecting Cord for Grip MF

This is an extension cord that connects the Motor Drive MF and the grip. It serves to release the shutter when at a certain distance away from the camera.

Also, when shooting large amounts of film with the Film Chamber 250, a related accessory, the grip is detached and operation is performed at hand.



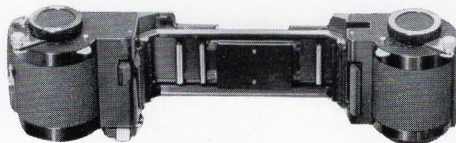
### Connecting Cord MF

This cord connects the Canon Motor Drive MF and the electric circuit of the Servo EE Finder.



### Motor Drive Unit

The Motor Drive Unit is a precision made powered film advance apparatus which can be possible not only a wide range of photography with the timer, but also short interval photography of three exposures per second and continuous photography of 36 exposures, or 250 exposures with the Film Chamber 250. It also enables unmanned EE photography when jointly used with the Servo EE Finder.



### Film Chamber 250

The Film Chamber 250 is an exclusive long-length roll film magazine designed to a maximum capacity of 250 exposures. With the combined use of the Motor Drive Unit, it is effective for shooting sports events and copying documentary pictures.



### Battery Case<sup>①</sup>

The Battery Case for an external power source is used for power drive accessories; Motor Drive Unit, Servo EE Finder, Booster T Finder and Speedlite 133D, an exclusive electronic flash unit. According to the multiple purpose, this battery case can use

the Battery Magazine 15V containing 10 penlight batteries, or Battery Magazine 12V containing 8 penlight batteries.

### Battery Connector MD<sup>②</sup>

The Battery Connector MD is used for connecting the Motor Drive Unit to the Battery Case. Without this connector, the Motor Drive Unit cannot be used.

### Battery Checker MD<sup>③</sup>

The Battery Checker MD is used for checking voltage of battery. Connected to the cord of Battery Connector MD.



### Battery Case D

The Canon Battery Case D was developed as an exclusive directly connected motor drive accessory for Canon F-1. It is small in size, lightweight and convenient for carrying.



### Remote Switch MD

The Remote Switch MD with 5 meter (16 feet) length cord is usable for photographing with the Motor Drive Unit. It is connected to the Battery Connector MD. Single frame, and continuous photography are possible.



#### Remote Switch 60 MF

This equipment is inserted in the remote control jack and used when at a distance away from the camera. It can also be used with the Extension Cord E1000 in remote control photography.



#### Extension Cord E1000

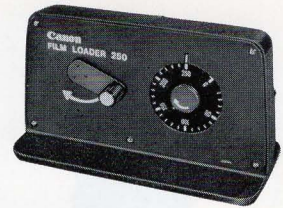
The cord is used by inserting one end of it to the remote control jack and the other

end to the Remote Switch 60 MF. It is also possible to connect it to the Interval Timer L. The cords may be linked one to another any number of times up to 50.



#### Interval Timer L

This timer is used directly connecting it to the remote control jack. The shooting time is controlled at 3.5 frames per second and at nine other speeds between one frame every 0.5 second and 180 seconds.



#### Film Loader 250

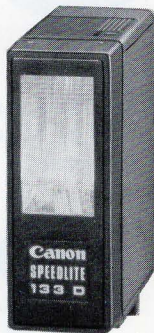
The Film Loader 250 is a windup device to load strip film into the Film Magazine 250 for the Film Chamber 250.



#### Film Magazine 250

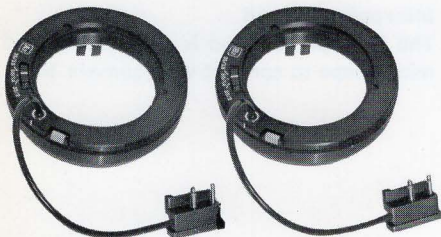
The Film Magazine 250 is for the Film Chamber 250. A maximum of 250 exposures of film can be contained.

## Flash Photography System



#### Speedlite 133D

The Speedlite 133D is a cordless electronic flash unit for the matching-needle type automatic exposure control in flash photography with the F-1.



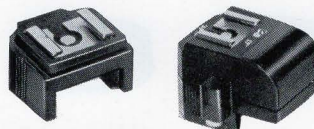
#### Flash-Auto Ring A<sub>2</sub> and B<sub>2</sub>

The Flash-Auto Ring A<sub>2</sub> is attached when the Canon Lens FD 50mm F 1.8 S.C., FD 35mm F 2 S.S.C. or FD 35mm F 3.5 S.C. is mounted.

The Flash-Auto Ring B<sub>2</sub> is used for the FD 50mm F 1.4 S.S.C., FD 35mm F 2 S.S.C. or FD 35mm F 3.5 S.C. They are the matching-needle type automatic flash photography accessories which are attached in front of the lens and transmit the rotating angle of the lens as a distance signal to the meter circuit of the F-1.



#### CANON AUTO TUNING (CAT) System



#### Flash Coupler D and L

The Flash Coupler D is used for the ordinary or direct contact flash unit. When the ordinary flash unit is mounted on this coupler, its cord should be connected to the flash socket of the camera.

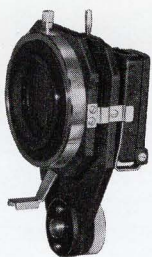
The Flash Coupler L which has a direct-coupled contact for automatic flash photography is an accessory shoe specially for attaching the Speedlite 133D to the F-1.



#### Other Flash Units

Flash V3 can be attached to the F-1. In this synchronized flash photography, it is necessary to set the proper f/stop by calculation.

## Close-up, Macrophotography and Photomicrography



### Slide Duplicator

The Slide Duplicator is used for duplicating color slides or black-and-white slides. It is attached to the tip of the Bellows FL.



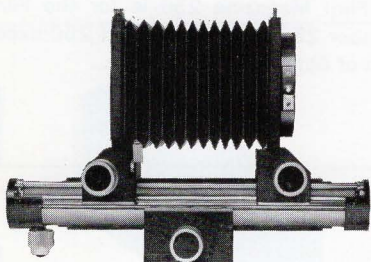
### Camera Holder F

The Camera Holder F is used in combination with a tripod or a Copy Stand 4 for telephotography and copy work.



### Macrophoto Coupler FL 55 & FL 58

These are coupled to a lens for macrophotography. FL 55 has a protrusion capacity of 13mm and is designed for use with FD 50mm F 1.4 S.S.C. and FD 50mm F 1.8 S.C. lenses and other lenses with 55mm screw diameter. FL 58 is designed for FD 55mm F 1.2 S.S.C.



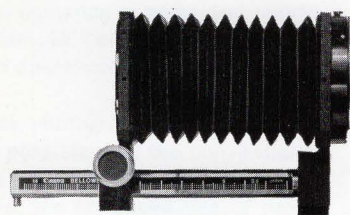
### Bellows FL

The Bellows FL is used for the extreme close-up photography. It has a shooting distance precision adjustment mechanism and a mechanism coupled to the automatic diaphragm of the FD and FL lens.



### Extension Tubes from 6mm to 200mm

The Extension Tubes from 6mm to 200mm are intermediate tubes for macrophotography.



### Bellows M

The Bellows M is a handy bellows for macrophotography. This is used to attach a Macro Canon Lens FD 50mm F 3.5 S.S.C. or a Canon Bellows Lens FLM 100mm F 4 to the F-1.



### Close-Up Lenses

The Close-Up Lenses are attachment lenses for close-up photography. Two sizes of 55mm, 58mm and two different ranges, 450mm and 240mm, are available.



### Extension Tubes M5, M10, M20

Intermediate tubes which are for close-up photography have widths of 5mm, 10mm and 20mm respectively. Tube M5 is also used for using the Handy Stand F.



### Lens Mount Converter A

A connecting accessory used for attaching lenses and accessories with bayonet mounts onto screw mounts.



### Lens Mount Converter B

A connecting accessory used for mounting screw mount type lenses and accessories on bayonet mounts.



### Microphoto Hood

The Microphoto Hood is attached to the microscope to connect with camera body.



#### Handy Stand F

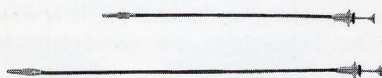
The Handy Stand F is a reasonable priced copy stand. It is light in weight and of the assembly type which makes it convenient for carrying around.



#### F Rings 55mm, 58mm

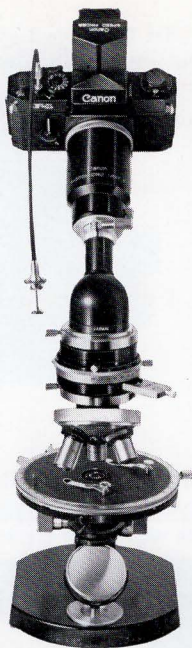
There are two F Rings with different screw diameters of 55mm and 58mm. These rings are for the combined use of the F-1 and Handy Stand F. The F Ring 55mm is for FD 50mm F 1.4 S.S.C., F 1.8 S.C. and FD 50mm F 3.5 S.S.C. lenses.

The F Ring 58mm is to be used with FD 55mm F 1.2 S.S.C., FL 50mm F 1.4, FL 55mm F 1.2 lenses.



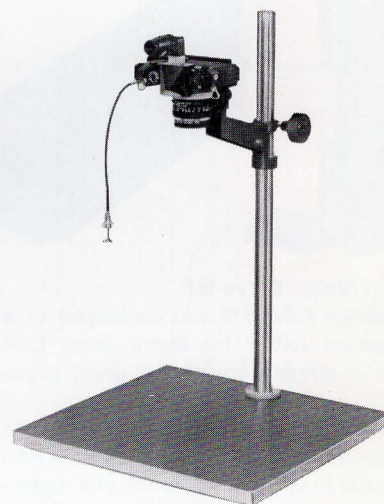
#### Canon Releases 30 and 50

The Canon Release is an indispensable accessory when shooting pictures with tripod at slow shutter speed and in close-up photography, copy work and macro-photography.



#### Photomicro Unit F

The Photomicro Unit F is a device for performing photomicrography easily and conveniently. Composed of outer and inner hood barrels, shade barrel and tightening clamp ring.



#### Copy Stand 4

Composed of a base plate, pole and arm which holds the camera securely during copy work, close-up photography, macro-photography and photomicrography.

## F-1 SYSTEM ACCESSORIES

1. Servo EE Finder in case
  2. Booster T Finder in case
  3. Speed Finder in case
  4. Waist-Level Finder
  - 5.\*\*Eye-Level Finder
  6. Magnifier R
  7. Dioptic Adjustment Lenses  
(+3), (+2), (+1), (0), (-2),  
(-3), (-4)
  - 8.\*\*Focusing Screen A
  9. Focusing Screen B
  10. Focusing Screen C
  11. Focusing Screen D
  12. Battery Case (w/1 pc. of Battery Magazine 12V)
  13. Battery Case D
- NOTE: \*\*marked accessories are supplied with Canon F-1 camera.
14. Motor Drive Set  
Consisting of:  
1) Motor Drive Unit  
2) Battery Case (w/2 pcs. of Battery Magazine 15V)  
3) Battery Connector MD  
4) Battery Checker MD  
5) Remote Switch MD  
6) Extension Cord MD
  15. Motor Drive MF  
Consisting of:  
1) Motor Drive MF  
2) Grip MF
  16. Connecting Cord MF for Servo EE Finder
  17. Connecting Cord for Grip MF
  18. Extension Cord E 1000
  19. Remote Switch 60 MF
  20. Film Chamber 250 w/2 pcs. of Film Magazine
  21. Film Loader 250
  22. Speedlite 133D w/Flash-Auto Ring A<sub>2</sub> in case  
(for Canon F-1 w/FD 50mm F 1.8 S.C., w/FD 35mm F 2 S.S.C. & W/FD 35mm F 3.5 S.C.)
  23. Speedlite 133D w/Flash-Auto Ring B<sub>2</sub> in case  
(for Canon F-1 w/FD 50mm F 1.4 S.S.C., w/FD 35mm F 2 S.S.C. & w/FD 35mm F 3.5 S.C.)
  24. Flash Coupler L
  25. Flash Coupler D
  26. Flash V-3 in case
  27. Extension Cord Vc (10 ft.) for Flash V-3
  28. Close-Up Lens 55mm 450 in plastic case
  29. Close-Up Lens 55mm 240 in plastic case  
(55mm: for FD 50mm F 1.8 S.C., FD 50mm F 1.4 S.S.C.)
  30. Close-Up Lens 58mm 450 in plastic case
  31. Close-Up Lens 58mm 240 in plastic case  
(58mm: for FD 55mm F 1.2 S.S.C.)
  32. Bellows FL
  33. Slide Duplicator 55
  34. Slide Duplicator 48
  35. Bellows M
  36. Copy Stand 4 set w/baseboard  
Consisting of:  
1) Stanchion  
2) Carrying Arm  
3) Baseboard
  37. Handy Stand F set  
Consisting of:  
1) Handy Stand F  
2) Attachment 48mm  
3) Attachment 55mm  
4) Attachment 58mm  
5) Extension Tube M5

38. Macrophoto-Extension Tube  
25mm, 50mm, 75mm, 100mm,  
150mm, 200mm
  39. Extension Tube FL 15
  40. Extension Tube FL 25
  41. Extension Tube M set  
(Consisting of M5, M10 and 2 pcs. of M20)
  42. Extension Tube M5 (5mm)  
M10 (10mm)  
M20 (20mm)
  43. Extension Ring Set (Set of A, B, C)
  44. Extension Ring A (6mm)
  45. Extension Ring B (9mm)
  46. Extension Ring C (12mm)
  47. Macrophoto Coupler 55mm
  48. Macrophoto Coupler FL 55mm  
(55mm: for FD 50mm F 1.8 S.C., F 1.4 S.S.C.)
  49. Macrophoto Coupler 58mm
  50. Macrophoto Coupler FL 58mm  
(58mm: for FD 55mm F 1.2 S.S.C.)
  51. Microphoto Hood
  52. Photomicro Unit F
  53. Camera Holder F
  54. Canon Release 30
  55. Canon Release 50
  56. Lens Mount Converter A
  57. Lens Mount Converter B
  58. Lens Mount Converter E
  59. Lens Mount Converter P
  60. Gadget Bag G-1
  61. Gadget Bag 4
  62. Neck Strap 6 w/pad
  63. Filter 55mm in plastic case  
a) for black and white film  
Y1, Y3, O1, G1, R1, UV  
b) for color film  
Skylight, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12  
c) for black and white or color film  
ND-4, ND-8
  64. Filter 58mm in plastic case  
a) for black and white film  
Y1, Y3, O1, G1, R1, UV  
b) for color film  
Skylight, CCA4, CCA8, CCA12, CCB4, CCB8, CCB12  
c) for black and white or color film  
ND-4, ND-8
- The following accessories are automatically supplied with related products, but are also available as spares:**
65. Lens Hood BS-58
  66. Lens Hood BS-55
  67. Leather Case L for Canon F-1  
(w/FD 55mm F 1.2 S.S.C.)
  68. Leather Case S for Canon F-1  
(w/FD 50mm F 1.4 S.S.C., FD 50mm F 1.8 S.C.)
  69. Neck Strap 5 w/pad
  70. Cord 12V 2E for Servo EE Finder
  71. Cord 6V 2B for Booster T Finder
  72. Mercury Battery (H-D) (for Canon F-1)
  73. Silver Oxide Battery No. 544  
(for Booster T Finder)
  74. Eye Cup 3 R
  75. Finder Dust Cover
  76. Camera Cover R-F (Body only)
  77. Flash-Auto Ring A<sub>2</sub> for Speedlite 133D
  78. Flash-Auto Ring B<sub>2</sub> for Speedlite 133D
  79. Battery Connector MD
  80. Battery Checker MD
  81. Remote Switch MD
  82. Extension Cord MD
  83. Battery Magazine 12V
  84. Film Magazine 250

## CANON FILTERS

### 1. Filter 27mm in plastic case

- a) for black and white film  
Y1, Y3, O1, G1, R1, UV, ND-4, ND-8
- b) for color film  
Skylight, Color Conversion A4, Color Conversion A8, Color Conversion A12, Color Conversion B4, Color Conversion B8, Color Conversion B12

### 2. Filter 34mm in plastic case

(for Canon Demi EE17)

- a) for black and white film  
Y1, Y3, O1, G1, R1, UV, ND-4, ND-8
- b) for color film  
Skylight, Color Conversion A4, Color Conversion A8, Color Conversion A12, Color Conversion B4, Color Conversion B8, Color Conversion B12

### 3. Filter 40mm in plastic case

(for Auto Zoom 318M Super 8)

- a) for black and white film  
Y1, Y3, O1, G1, R1, UV, ND-4, ND-8
- b) for color film  
Skylight, Color Conversion A4, Color Conversion A8, Color Conversion 12A, Color Conversion B4, Color Conversion B8, Color Conversion B12

### 4. Filter 48mm in plastic case

(for Lenses FL 35mm F 3.5, FL 50mm F 1.8, FL 100mm F 3.5, FL 100mm F 4, FL 135mm F 3.5, FL 200mm F 4.5, EX 35mm F 3.5, EX 50mm F 1.8, New Canonet QL 17 and 19, New Canonet 28, Canodate E, Canomatic M70, Auto Zoom 518 SV and 518 Super 8)

- a) for black and white film  
Y1, Y3, O1, G1, R1, UV, ND-4, ND-8
- b) for color film  
Skylight, Color Conversion A4, Color Conversion A8, Color Conversion A12, Color Conversion B4, Color Conversion B8, Color Conversion B12

### 5. Filter 55mm in plastic case

(for Lenses FD 24mm F 2.8 S.S.C., FD 28mm F 3.5 S.C., FD 35mm F 2 S.S.C., FD 35mm F 3.5 S.C., FD 50mm F 1.4 S.S.C., FD 50mm F 1.8 S.C., FD 100mm F 2.8 S.S.C., FD 135mm F 3.5 S.C., FD 200mm F 4 S.C., FD 100-200mm F 5.6 S.C., FL 100-200mm F 5.6)

- a) for black and white film  
Y1, Y3, O1, G1, R1, UV, ND-4, ND-8
- b) for color film  
Skylight, Color Conversion A4, Color Conversion A8, Color Conversion A12, Color Conversion B4, Color Conversion B8, Color Conversion B12

### 6. Filter 58mm in plastic case

(for Lenses FD 55mm F 1.2 S.S.C., FD 55mm F 1.2AL S.S.C., FD 135mm F 2.5 S.C., FD 300mm F 5.6 S.C., FL 28mm F 3.5, FL 35mm F 2.5, FL 50mm F 1.4, FL 50mm F 3.5, FL 55mm F 1.2, FL 85mm F 1.8, FL 135mm F 2.5, FL 200mm F 3.5, FL 55-135mm F 3.5, FL-F 300mm F 5.6, Auto Zoom 1014 Electronic, Auto Zoom 814 Electronic Super 8, Zoom DS-8)

- a) for black and white film  
Y1, Y3, O1, G1, R1, UV, ND-4, ND-8

- b) for color film

Skylight, Color Conversion A4, Color Conversion A8, Color Conversion A12, Color Conversion B4, Color Conversion B8, Color Conversion B12

### 7. Filter 62mm in plastic case

(for Lens EX 95mm F 3.5)

- a) for black and white film  
Y3, R1, UV, ND-4, ND-8

- b) for color film  
Skylight, Color Conversion A12, Color Conversion B12

### 8. Filter 72mm in case

(for Lenses FD 17mm F 4 S.S.C., FD 20mm F 2.8 S.S.C., FL 85-300mm F 5, EX 125mm F 3.5, C-8 Wide and Tele Converter Lenses)

- a) for black and white film  
Y3, R1, UV, ND-4, ND-8

- b) for color film  
Skylight, Color Conversion A4, Color Conversion A8, Color Conversion A12, Color Conversion B4, Color Conversion B8, Color Conversion B12

### 9. Filter (BS) 72mm in plastic case

(for Scoopic w/Hood 72mm)

- a) for black and white film  
Y1, Y3 (SY50.2C), R1, UV, ND-4, ND-8

- b) for color film  
Skylight, Color Conversion A12, Color Conversion B12

### 10. Filter Series No. 9 in plastic case

(for Lens FL 19mm F 3.5R, Auto Zoom 1218 Super 8, Scoopic w/Hood 86mm)

- a) for black and white film  
Y3, R1, UV, ND-4, ND-8
- b) for color film  
Skylight, Color Conversion A4, Color Conversion A8, Color Conversion A12, Color Conversion B4, Color Conversion B8, Color Conversion B12

### 11. Filter 95mm in case

(for Lens FL-F 500mm F 5.6)

- a) for black and white film  
Y3, O1, R1
- b) for color film  
Skylight, Color Conversion A12, Color Conversion B4

## CANON SOFTMAT FILTERS

12. Softmat Filter 48mm No. 1 in plastic case

13. Softmat Filter 48mm No. 2 in plastic case

14. Softmat Filter 55mm No. 1 in plastic case

15. Softmat Filter 55mm No. 2 in plastic case

16. Softmat Filter 58mm No. 1 in plastic case

17. Softmat Filter 58mm No. 2 in plastic case