

# Canon F-1

CODE NO.	ITEM
C12-0731-882	Canon F-1 w/lens FD 50mm f1.8 & hood
C12-0731-862	Canon F-1 w/lens FD 50mm f1.4 & hood
C12-0731-842	Canon F-1 w/lens FD 50mm f1.2 & hood
C12-0731-211	Canon F-1 body only

## The Ultimate System SLR



### SPECIFICATIONS

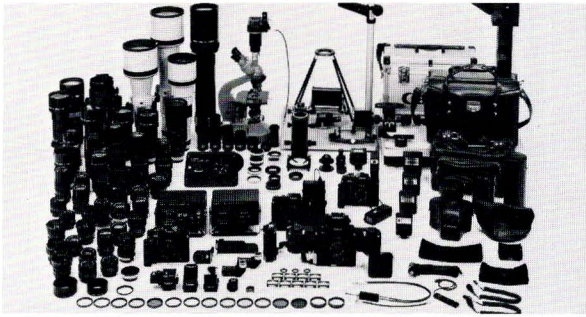
- **Type:** 35mm single-lens reflex camera with focal plane shutter
- **Picture Size:** 24x36mm
- **Standard Lenses:** Canon FD 50mm f1.2, FD 50mm f1.4 and FD 50mm f1.8
- **Interchangeable Lenses:** FD series for full aperture metering, FL series and R series lenses for stopped-down metering
- **Viewfinder:** removable pentagonal prism finder, interchangeable with Servo EE Finder, Booster T Finder, Speed Finder and Waist Level Finder
- **Focusing Screens:** Standard screen uses matte-fresnel field with central split-image surrounded by microprism collar. Eight additional screens available. All contain beam-splitting condenser for central area spot metering
- **Field-of-View:** 97% of vertical picture area, 97% of horizontal picture area; 0.77x magnification with standard 50mm lens at infinity
- **Finder Information:** meter needle and aperture needle, outside coupling range warning red mark, stopped-down metering index mark and battery check mark, shutter speed indicator, under and over exposure warning marks
- **Lens Mount:** Canon breech-lock (FD) mount; FL and R series lenses mountable; diaphragm: AE function possible used with Servo EE Finder. FL lenses: stopped-down metering, coupled with automatic diaphragm. R lenses: stopped-down metering with manually operated diaphragm
- **Shutter Speeds:** B, 1-1/2,000 sec., X synch. at 1/60 sec.
- **Self-Timer:** built-in
- **Film Speed Scale:** ASA 25-3200
- **Exposure Meter Coupling Range:** EV2.5 (f/1.2 at 1/4 sec.) to EV 18 (f/11 at 1/2000 sec.) with ASA 100 film; central area metering (12% of picture area)
- **Meter Battery:** one 1.35V M20 (#625) mercury battery used
- **Servo Electric Eye Metering:** exclusive Servo EE Finder system enables Variable Aperture (shutter preferred) automatic exposure control
- **Ultra-Low Illumination Metering:** exclusive Booster T Finder enables metering between EV1.5 (f/1.2 at 1/2 sec.) and EV-3.5 (f/1.2 at 15 sec.) with ASA 100 film
- **Synchronized Flash:** FP and X contact, automatic time lag adjusting type
- **Canon Auto Tuning (CAT) System:** Fully automatic flash control by recharging power level signal and focusing distance signal; proper aperture obtained by match needle system of meter in conjunction with Speedlite 133D, Flash Coupler L, Flash-Auto Ring A<sub>2</sub> or B<sub>2</sub>; CAT used with old Canon FD lenses: FD 50mm f1.4 S.S.C., FD 50mm f1.8 S.C., FD 35mm f2 S.S.C. and FD 35mm f3.5 S.C.
- **Flash Synchronizing Range:** FP class: 1/2,000-1/125 sec., and 1/30 sec. or under; Speedlite: 1/60 sec. or under; M, MF class: 1/30 sec. or under
- **Winding Lever:** single-stroke operation 139° with 30° standoff; ratchet winding possible
- **Multiple Exposures:** possible by depressing rewind button while winding film (frame counter advances)
- **Memo Holder:** provided on camera back
- **Size:** 146.7x99.5x49.5mm (5-3/4x3-15/16x1-15/16)
- **Weight:** 845g (1 lb. 13-13/16 oz.) body only, 1,085g (2 lbs., 6-1/4 oz.) with FD 50mm f/1.4 lens.

Subject to change without notice.

SG1-A1

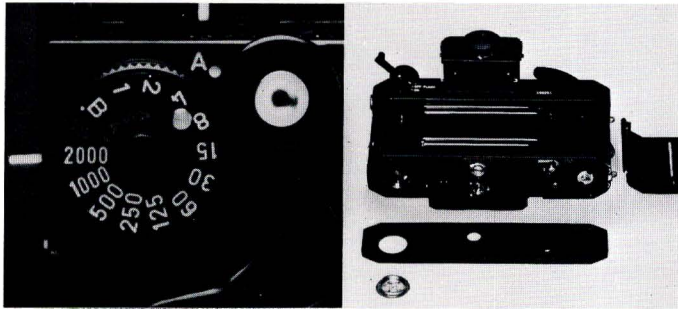


# SELLING POINTS



## A TRUE SYSTEM CAMERA

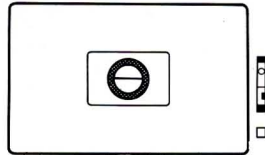
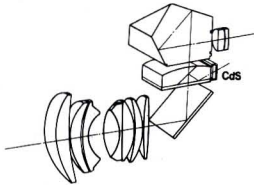
- Photographers can accomplish any photographic task using the F-1 system, which is comprised of nearly 50 lenses, more than 200 accessories, motor drives, interchangeable viewfinders and focusing screens and automatic flash equipment.
- Every component of the entire F-1 system works together with perfect precision, because it was conceived as a system at one time, with no "add on" afterthoughts.
- The F-1 system is a true system in every sense of the word. Quite simply, its aim is to supply the photographer with every piece of equipment he could possibly need for any type of photography. It's the kind of system that can go as far as a photographer wants to take it.



## ULTRA-PRECISE MECHANICAL OPERATION

- Any action can be stopped with the F-1's tough focal plane titanium foil shutter, which has a speed range of 1-1/2,000 sec. plus B.
- The F-1 has an extra-rugged film advance mechanism, to withstand years of hard use. The film pressure plate is oversized, for superb film flatness and (as a result) greater image sharpness.
- From freezing cold to the tropics, the F-1 works with perfection. It has been tested for vibration, shock and durability in temperatures from -22° to 140°F.
- Wear between lens mount and camera body is all but completely eliminated, thanks to the famed, exclusive Canon breech-lock lens mount. Critical flange-to-film distance is the same for as long as the camera is in use.

## SUPERBLY ACCURATE METERING SYSTEM



- For bright viewing and focusing under any conditions, full aperture metering is possible with all FD series lenses.
- The F-1's central area spot metering system is preferred by professionals. Since it measures only the central 12% of the viewfinder area, it is ideal for difficult lighting situations, such as backlighting or snow and beach scenes, where contrast is usually very high.
- Stopped-down aperture metering is possible with Canon FL and R (with manual diaphragm operation) series lenses. No Canon lens is ever obsolete.

## UNSURPASSED SERIES OF CANON LENSES



- A photographer can shoot almost anything with the range of nearly 50 Canon interchangeable lenses, from 7.5mm Fish Eye to 1,200mm Super Telephoto. Their definition and performance are unsurpassed.
- Exclusive Canon Spectra and Super Spectra (multiple) Coatings insure maximum freedom from flare, top color correction and improved contrast.
- Thanks to the Canon Floating System, FD lenses are as well corrected at near distances as when used for general work.
- All Canon lenses are as compact as possible, for added convenience in traveling and handling.

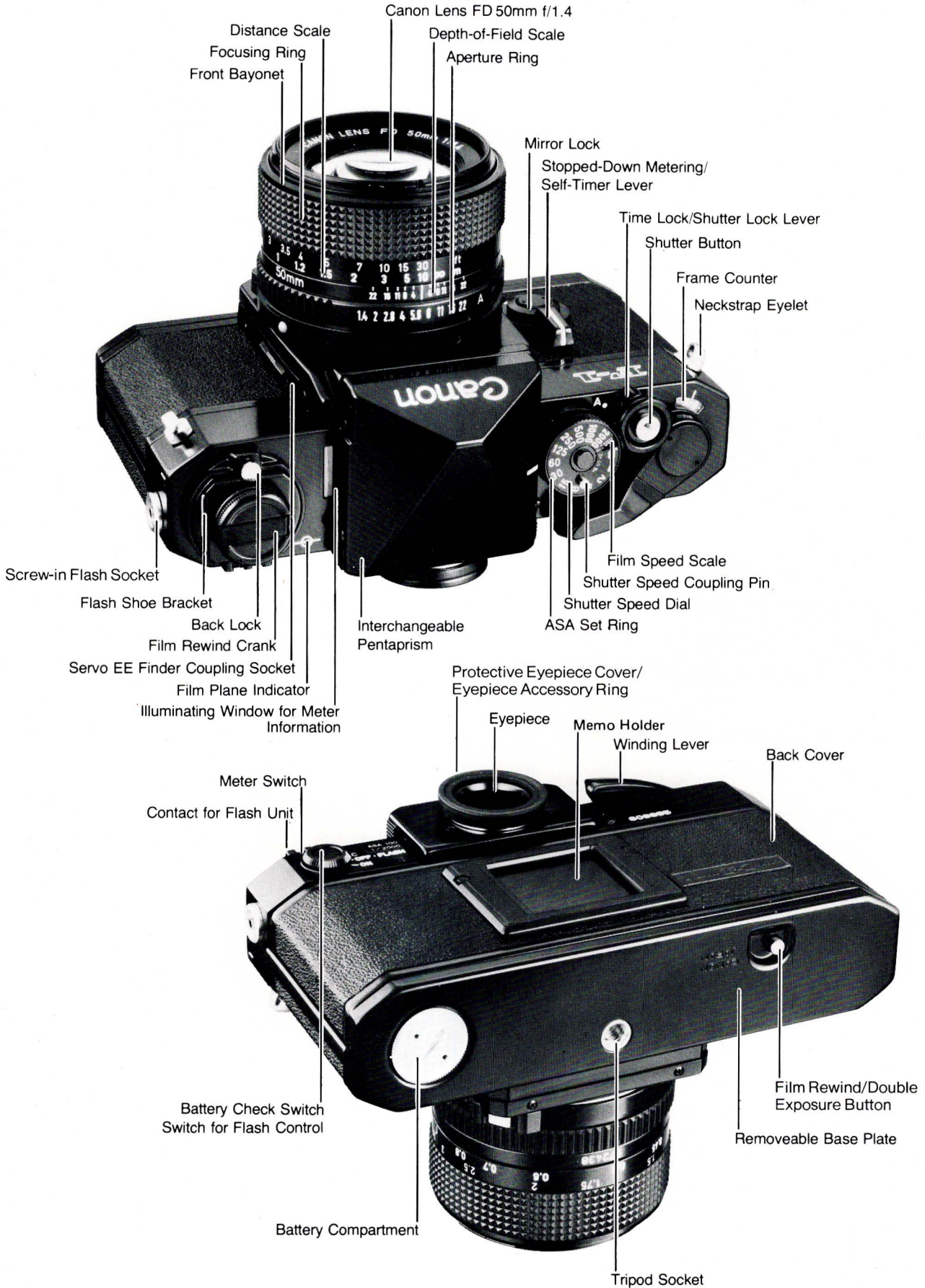
## UNLIMITED RANGE OF SPECIALIZED APPLICATIONS



- The F-1's full line of interchangeable viewfinders includes the Speed Finder, Servo EE Finder (for automatic exposure operation), Booster T Finder (for extreme metering sensitivity), Waist Level Finder and standard Eye Level Prism Finder.
- The Motor Drive MF is a powerful, high-speed motor drive system that operates at up to 3.5 fps. The Power Winder F is a more compact motor drive unit that permits shooting at up to 2 fps.
- Nine focusing screens are provided for a wide range of preferences in viewing and shooting conditions.
- For close-up photography, photomacrography and photomicrography, there are bellows units, extension tubes, close-up lenses, copy stands and a host of other fine equipment.
- Professional, handle-mount Speedlites 577G and 533G provide automatic flash photography with any combination of F-1 lenses and accessories. A unique unit, the Speedlite 133D was designed to provide automatic flash exposures using the Canon Auto Tuning (CAT) System with certain lenses and accessories. (For information and specifications for all Canon Speedlites, please see page SG3-D3.)
- Since the F-1's metering system is built into the camera, such accessories as the Speed Finder can be used without loss of metering functions.
- The Data Back F can be attached to the F-1 body in place of its normal back to record dates and coded information on film.



# NOMENCLATURE





# ACCESSORIES

## EQUIPMENT FOR MOTORIZED PHOTOGRAPHY

CODE NO.	DESCRIPTION
C51-9361-211	Canon Power Winder F
5-19281-21	Motor Drive MF Set (includes Grip MF)
5-85391-00	Grip MF
5-81101-00	Cord MF for Grip MF
5-81071-00	Extension Cord E1000
5-19172-00	Remote Switch 60MF
5-64041-00	Interval Timer L
5-19191-01	Battery Case (with 2 pcs. of Battery Magazine 15V) for MD
X62-7906	Battery Magazine 15V
5-19261-00	Battery Checker MD
5-19171-00	Remote Switch MD
5-81041-00	Extension Cord MD10
5-19201-00	Film Magazine 250
5-19181-00	Film Loader 250
C58-5351-211	Wireless Controller LC-1 Set (including LC-1 Transmitter and LC-1 Receiver) for use with Motor Drive MF or Power Winder F.
C58-5351-001	LC-1 Transmitter
C58-5352	LC-1 Receiver

## VIEWFINDERS AND ACCESSORIES

5-60101-21	Servo EE Finder Set (includes Power Cord 12V2E)
5-19191-02	Battery Case (w/1 Battery Magazine 12V)
38-0250	Battery Magazine 12V
5-81081-00	Connecting Cord MF for Servo EE Finder
48-0097	Power Cord 12V2E for Servo EE Finder
5-60091-21	Booster T Finder Set (includes 6-volt silver oxide battery)
48-0098	Power Cord 6-volt 2B
5-40801-00	Speed Finder in case
5-40902-00	Waist Level Finder
5-40712-00	Angle Finder A-2
5-40711-00	Angle Finder B
5-40701-21	Magnifier R
5-41051-00	Magnifier Adaptor R
5-59211-00	Eye Cup 3R
C51-9421-011	Finder Illuminator F
13-9982-001	Rubber Eyepiece Ring

## FOCUSING SCREENS

C51-9431	Focusing Screen L-A (Microprism)
C51-9432	Focusing Screen L-B (Split Image)
C51-9433	Focusing Screen L-C (Mat Surface)
C51-9438	Focusing Screen L-D (Mat Surface with Grid)
C51-9434	Focusing Screen L-E (Split Image Microprism)
C51-9435	Focusing Screen L-F (Microprism/Large Aperture Lens)
C51-9436	Focusing Screen L-G (Microprism/Small Aperture Lens)
C51-9439	Focusing Screen L-H (Mat/Scale)
C-51-9437	Focusing Screen L-I (Double Cross Hair Reticle)

## DIOPTRIC ADJUSTMENT LENSES

5-05061-00	Dioptric Adjustment Lens R (+3)
5-05062-00	Dioptric Adjustment Lens R (+2)
5-05068-00	Dioptric Adjustment Lens R (+1.5)
5-05063-00	Dioptric Adjustment Lens R (+1)
5-05069-00	Dioptric Adjustment Lens R (+0.5)
5-05064-00	Dioptric Adjustment Lens R (0)
5-05071-00	Dioptric Adjustment Lens R (-0.5)
5-05065-00	Dioptric Adjustment Lens R (-2)
5-05066-00	Dioptric Adjustment Lens R (-3)
5-05067-00	Dioptric Adjustment Lens R (-4)

## DATA BACK

C51-9341-211	Canon Data Back F
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## FLASH UNITS AND ACCESSORIES

C50-0381-221	Speedlite 533G Set (consists of Speedlite 533G, Sensor Unit G-20, One-Touch Bracket G, Wide Adaptor 533G-24, Battery Magazine 533G)
C50-0391-211	Speedlite 577G Set (consists of Speedlite 577G, Sensor Unit G-20, One-Touch Bracket G, Wide Adaptor 577G-24)
C50-1561	Battery Magazine for 533G
C50-1501	One-Touch Bracket G
C50-1491	Sensor Unit G20
C50-1492	Sensor Unit G100
C50-1541	Wide Adaptor 533G-24
C50-1543	Wide Adaptor 577G-24
C50-1542	Wide Adaptor 533G-20
C50-1544	Wide Adaptor 755G-20
C50-1545	Tele Adaptor 533G
C50-1546	Tele Adaptor 577G
C50-1547	Adaptor G for Motor Drive MF
C50-1571	Battery Magazine TP
C50-1581	Ni-Cd Pack TP
C50-1557	Ni-Cd Charger TP
C50-1521-221	Transistor Pack G Set (w/Ni-Cd Pack TP, Ni-Cd Charger TP, Power Cord)
C50-1521-311	Transistor Pack G Set (w/Battery Magazine TP, Power Cord)
5-00271-31	Speedlite 133D w/Flash Auto Ring A2 (for FD 50mm f1.8 S.C., FD 35mm f3.5 S.C., FD 35mm f2.0 S.S.C.)
5-00271-32	Speedlite 133D w/Flash Auto Ring B2 (FD 50mm f1.4 S.S.C., FD 35mm f3.5 S.C., FD 35mm f2.0 S.S.C.)
5-02124-00	Flash Auto Ring A2
5-02125-00	Flash Auto Ring B2
5-02131-01	Flash Coupler L
5-02111-00	Flash Coupler D
C50-1591	Flash Coupler F

## MISCELLANEOUS ACCESSORIES

5-03111-00	Camera Holder F
5-63061-00	Canon Release 30
5-63062-00	Canon Release 50
9-00505-N5	Introduction to Canon F-1 (F-1 Guide Book)

## CLOSE-UP & PHOTOMACROGRAPHY ACCESSORIES

C26-1151-211	Canon Macrophoto Lens 20mm f3.5 in plastic case
C26-1161-211	Canon Macrophoto Lens 35mm f2.8 in plastic case
C55-9044-211	Canon Auto Bellows (including Double Cable Release)
C42-6511	Canon Double Cable Release
C55-9182-011	Canon Duplicator 35-55R (including Roll Film Stage and Attachment Ring 55) for Auto Bellows
C55-9182-012	Canon Duplicator 35-52R (including Roll Film Stage and Attachment Ring 52) for Auto Bellows
C42-6591	Canon Duplicator 16 for Auto Bellows
C42-6581	Canon Duplicator 8 for Auto Bellows
C42-6571	Canon Roll Film Stage for Duplicator 35
C42-6541	Canon Macro Stage for Auto Bellows
C42-6501	Canon Macro Auto Ring
C42-6521	Canon Focusing Rail for Copy Stand 4
4-25323-01	Extension Tube FD50 Universal in case
4-25324-01	Extension Tube FD25 Universal in case
4-25325-01	Extension Tube FD15 Universal in case
4-20601-20	Canon Copy Stand 4
4-25901-03	Canon Handy Stand F52 set
4-26201-20	Canon Photomicro Unit F
4-25117-00	Canon Macro Hood
C50-0301-221	Canon Macrolite ML-1 Set (including Macrolite ML-1, Wide Adaptor ML-1, Macrolite Adapters 55 and 52, Tightening Rings 55 and 52)

Y12-6725	Wide Adapter ML-1
Y19-0165	Macrolite Adapter 55
Y19-0166	Macrolite Adapter 52
Y12-6756	Tightening Ring 55
Y12-6758	Tightening Ring 52
4-25301-00	Canon Extension Tube A
4-25302-00	Canon Extension Tube B
4-25303-00	Canon Extension Tube C
4-25304-00	Canon Extension Tube 25
4-25313-00	Canon Extension Tube 150
4-25315-00	Canon Extension Tube FL15
4-52321-00	Canon Extension Tube FL25
4-25316-01	Canon Extension Tube M Set
4-25316-00	Canon Extension Tube M5
4-25317-00	Canon Extension Tube M10
4-25322-00	Canon Extension Tube M20
4-25403-00	Canon 55 Macrophoto Coupler
C42-5731	Canon FL52 Macrophoto Coupler
4-25711-00	Canon FL58 Macrophoto Coupler
4-25721-00	Canon FL55 Macrophoto Coupler
5-42011-00	Canon Lens Mount Converter A
5-42021-00	Canon Lens Mount Converter B
5-42031-00	Lens Mount Converter E
5-42071-00	Lens Mount Converter P
0-00000-33	Lens Mount Converter N
C54-3234	Canon 58mm Close-Up Lens 500T
5-43231-01	Canon 58mm Close-Up Lens 450
5-43241-01	Canon 58mm Close-Up Lens 240
5-43251-01	Canon 48mm Close-Up Lens 450
5-43331-01	Canon 48mm Close-Up Lens 240
5-43571-00	Canon 55mm Close-Up Lens 450
5-43561-00	Canon 55mm Close-Up Lens 240
C54-3731	Canon 52mm Close-Up Lens 240 in plastic case
C54-3741	Canon 52mm Close-Up Lens 450 in plastic case
5-59042-20	Canon Bellows FL
5-59181-01	Canon Slide Duplicator 55 for Bellows FL
5-59181-02	Canon Slide Duplicator 52 for Bellows FL
CA4-2430	Attachment Ring 52 for Handy Stand F
43-6370	Attachment Ring 48 for Slide Duplicator
CA4-2418	Attachment Ring 52 for Slide Duplicator
43-6371	Attachment Ring 55 for Slide Duplicator
43-6372	Attachment Ring 58 for Slide Duplicator
CA4-2420	Manual Diaphragm Adapter
C55-9271	Step-up Ring 52-55
<b>CASES</b>	
C46-0804-000	Leather Case L-2 for New F-1 and F-1 (for FD 55mm f1.2 S.S.C. lens)
C46-0803-000	Leather Case S-2 for New F-1 and F-1 (for FD 50mm f1.4, f1.8 lens)
48-0113	Case for Servo EE Finder
48-0129	Case for Booster T Finder
48-0130	Case for Speed Finder
<b>DUST CAP</b>	
43-5796	Finder Dust Cover
<b>BODY COVER</b>	
4-52021-00	Camera Cover R-F
<b>STRAP</b>	
5-61131-00	Neck Strap 6 with pad

**PLEASE NOTE:** For further information on accessories please see the sections as follows:

- Sect. 2: Canon Interchangeable Lenses**
- Sect. 3: Canon SLR System Accessories**
- Sect. 6: Cross-Reference Charts (including Canon Filters, Cases, Etc.)**