

FOR PERSONAL USE ONLY
thecanoncollector.com

Canon
F-1



Specifications

Type: 35mm single-lens reflex camera with a focal plane shutter

Picture Size: 24 x 36mm

Function of Lenses: FD lenses: full aperture and stopped-down metering, coupled with automatic diaphragm. With FD lenses, AE operation possible by using Servo EE Finder. FL lenses: stopped-down metering, coupled with automatic diaphragm. R lenses: stopped-down metering and manually-operated diaphragm.

Viewfinder: Removable Eye-Level Finder. Interchangeable with Servo EE Finder, Booster T Finder, Speed Finder, and Waist-Level Finder.

Eye-piece Accessories: Angle finders, magnifier, 10 strengths of dioptic adjustment lenses, eyecup.

Finder Information: Meter needle and aperture needle, red improper exposure warning mark, stopped-down metering index mark and battery check mark, shutter speed indicator, under and overexposure warning marks. Finder Illuminator F attachable when the light for exposure meter reading is too little.

Focusing Screen: Center split-image rangefinder surrounded by microprism ring and ground glass/fresnel field. Eight additional screens available.

Field-of-View: 97% of actual picture area; 0.77x magnification with standard 50mm lens at infinity.

Mirror: Shockless instant-return type. Mirror can be fixed upward.

Shutter: Focal plane shutter using super thin titanium screen.

Shutter Speeds: B, 1-1/2000 sec, X sync at 1/60

Film Speed Scales: ASA 25-3200

Self-Timer: Built-in. Activated with shutter button; for gaining 10 sec. delay. Self-timer lever serves to set the self-timer mechanism as well as to stop down the lens to its pre-set aperture.

Multiple Exposures: Possible by depressing the film rewind button and then advancing the winding lever. (The frame counter advances during multiple exposures.)

Exposure Meter: Built-in. Uses CdS photocell. Coupled to shutter speeds, film speeds, and f/stops. Match needle type, TTL full aperture metering measuring 12% of picture area. Stopped-down metering also possible. Stopped-down metering lever can be locked for continuous shooting in this mode.

Meter Battery: One 1.35V mercury battery (Mallory PX 625, Eveready EPX 625, UCAR EPX 625G, or equivalent). Battery power level can be checked.

Exposure Meter Coupling Range: EV 2.5 (f/1.2 at 1/4 sec.) to EV 18 (f/11 at 1/2000 sec.) with ASA 100 film

Servo Electric Eye Metering: Exclusive Servo EE Finder and Battery Case in combination enables Variable Aperture (shutter priority) automatic exposure control.

Ultra-Low Illumination Metering: Exclusive Booster T Finder enables metering from EV -3.5 (f/1.2 at 15 sec.) to EV 15 (f/22 at 1/60 sec.) with ASA 100 film with Booster element.

Flash Synchronization: FP and X contact, automatic time lag adjusting type.

Synchronization Range: FP class flash: 1/2000-1/125 sec., and 1/30 sec. or under. M and FM class: 1/30 sec. or under. Electronic Flash Unit: 1/60 sec. or under.

Flash Attachment: Canon's Speedlites 577G, 533G, 199A, 177A 155A, 133A and, for close-up shooting, Macrolite ML-1 can be attached with the use of Flash Coupler F, L or D.

Other electronic flash units and ordinary flash also attach with the use of Flash Coupler F, L or D.

Sync Terminal: Flash sync terminal is at side of body for attaching flash units with cord. Threaded collar around the terminal allows attachment of flash units with screw end cord as well.

Back Cover: Provided with a memo holder. The cover removable for attaching the Canon Data Back F.

Film Loading: Easy film loading with multi-slot take-up spool.

Winding Lever: Single or multiple stroke (ratchet) winding, 139° throw, 30° standoff. Motorized winding possible with the attachment of Power Winder F or Motor Drive MF.

Frame Counter: S-1-38 additive type. Automatically resets when the back cover is opened.

Size: 147 x 99 x 49mm (5-3/4" x 3-15/16" x 1-15/16") body only.

Weight: Body: 845g (1 lb. 13-13/16 ozs.). With FD 50mm f/1.4 Lens: 1,080g (2 lbs. 6-1/8 ozs.)

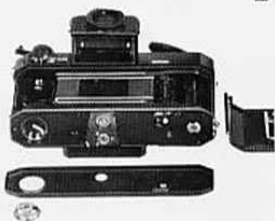
Subject to change without notice.

SALES FEATURES



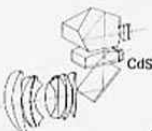
1 The Supreme SLR System Camera Designed in Perfect Unison with the Body, Interchangeable Lenses and Accessories

Well over 10,000 parts that went into the assembly of the Canon F-1 system provide the user with easy access to any of nearly 50 different interchangeable lenses and more than 180 accessories. The Canon F-1 camera system is comprised of an interchangeable lens system, interchangeable viewfinder system, motor drive system, flash photography system using Canon's Speedlites, close-up photography and copy work system, and photomicrography system.



2 Perfect Body Mechanism Works with Micro Precision

- The focal plane shutter is built sturdily to ensure shutter speeds up to 1/2000 second.
- The film plane stabilizing mechanism to obtain pictures of superior quality.
- The winding mechanism has been greatly simplified to ensure smooth and trouble-free winding and frame forwarding operations.
- All parts, as well as the body mechanism, were subjected to comprehensive and rigid durability and environmental tests for vibration, impact and operability at temperatures ranging between 60°C (140°F) and -30°C (-22°F).



3 Perfect Full Aperture Metering

The Canon F-1 has incorporated a full aperture metering system that has the same accuracy as stopped-down metering. Stopped-down metering has also been made possible. Another remarkable feature is the ready interchangeability of focusing screens with beam-splitting condenser for metering.



4 A Lens for Every Creative Need

Canon has added a new dimension to quality in its nearly 50 different FD lenses while even further improving their optical performance all in a compact and lightweight design which ensure greater handling ease. Also, extensive use of special materials and techniques — aspheric and fluorite elements, ultra low-dispersion (UD) glass, Rear-group focusing, Vari-pitch cam focusing and the Floating System — serve to increase the prestige and performance of the FD lenses. These lenses will help the user expand his or her photographic world more than ever.

5 Expanded Range of Applications

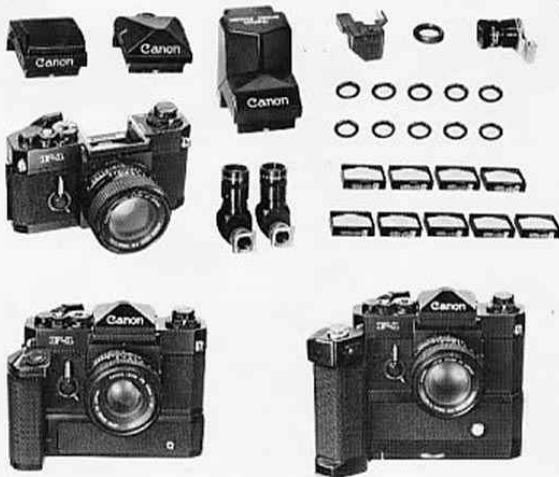
(1) Interchangeable Viewfinder System

The Eye-Level Finder, Waist-Level Finder, Servo EE Finder, Booster T Finder and Speed Finder may be interchanged to satisfy any preference or need. Finder Illuminator F may be attached when the light for exposure meter reading is too little. The Servo EE Finder enables variable aperture (shutter priority) automatic exposure control.

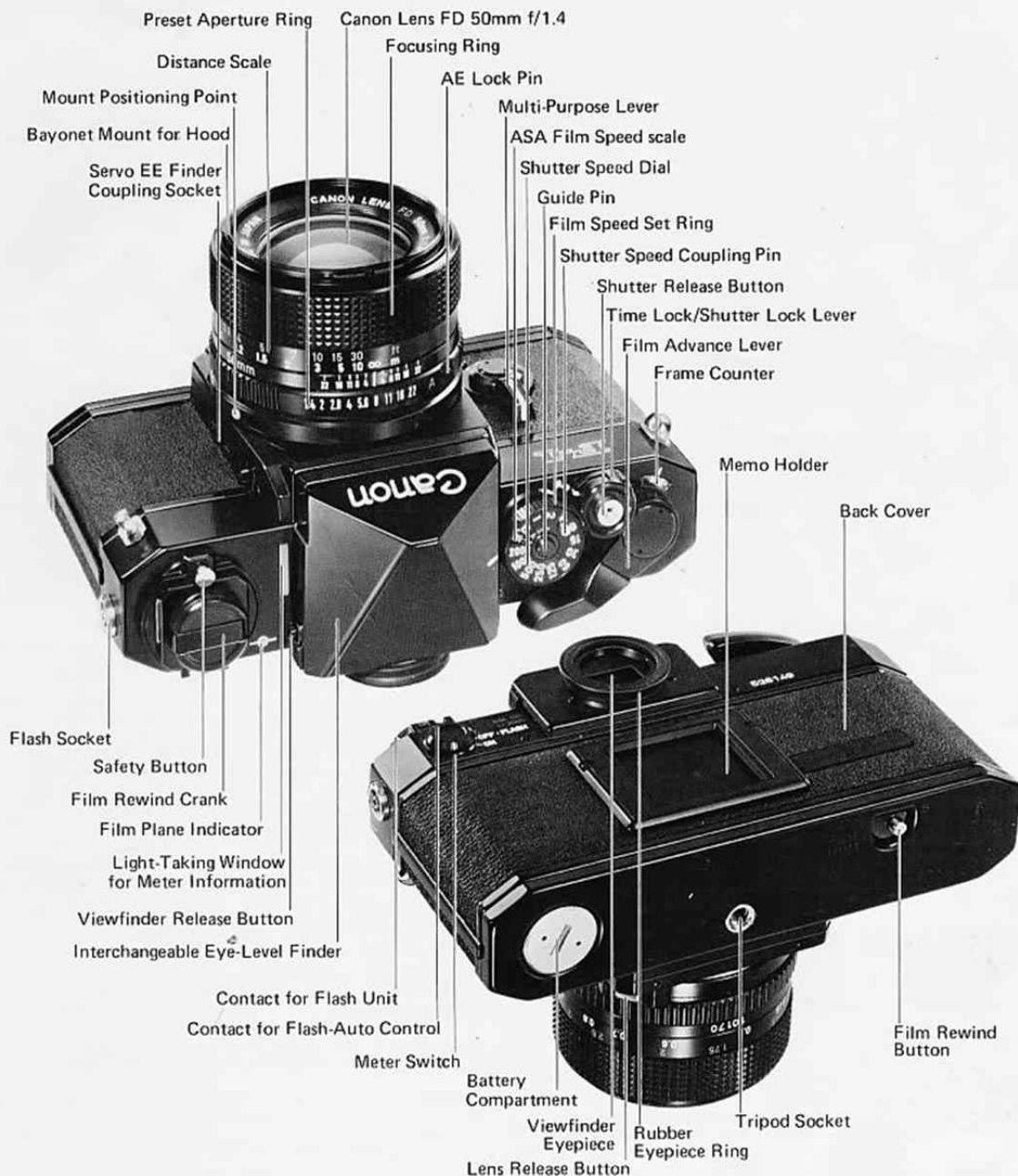
The Booster T Finder is an auxiliary metering device for long exposures in low-light photography. It is useful for photomicrography, photomicrography, and for shooting night scenes.

(2) Motor Drive System

The Canon Motor Drive MF is capable of photography at a rate of either a single or 3.5 fps. It is capable of remote control photography when used with accessories such as the Servo EE Finder and a remote switch. The Power Winder F is simpler motorized winder accessory for the F-1. It is capable of single-frames or shooting at a rate of 2 fps. Two shutter release buttons are provided for holding the camera in vertical as well as horizontal positions. Remote control photography is also possible with the use of Canon Wireless Controller LC-1. The F-1 equipped with either Motor Drive MF or Power Winder F can be controlled from a distance.



CANON F-1



(3) Data Back F

The Data Back F is a data imprinting device which replaces the back cover of the F-1. Up to six digits of figures to denote year, month, and day and some letters in the alphabet used in combination allow simultaneous recording of data with each exposure.



(4) Automatic Flash System (Flash Photography using Canon's Automatic Speedlites)

Canon's powerful electronic computer flash units, Speedlites 577G and 533G, and the Speedlites 199A, 177A, 155A and 133A offer a wide range of features to choose from. For close-up shooting, the Macrolite ML-1, with its dual flash design, offers versatile illumination. Flash attachment is possible using Flash Coupler F, L or D. The shutter dial of the F-1 is to be set manually to the flash sync. speed of 1/60 sec. and the lens aperture ring to the same f/stop as indicated on the flash.



28

29

30



31

32

33

CANON F-1

1. Canon F-1 w/Lens FD50mm f/1.4 Hood in Leather Case
2. Canon F-1 w/Lens FD50mm f/1.8 Hood in Leather Case
3. Canon F-1 Body

ACCESSORIES

4. Flash Coupler D
5. Flash Coupler L
6. Finder Illuminator F
7. Flash Coupler F
8. Extension Cord E1000
9. Interval Timer L
10. Remote Switch 60 MF
11. Camera Holder F3
12. Cable Release 30
13. Cable Release 50
14. Dioptric Adjustment Lens R+3, R+2, R+1.5, R+1, R+0.5, R0, R-0.5, R-2, R-3, R-4.
15. Focusing Screen L-A
16. Focusing Screen L-B
17. Focusing Screen L-C
18. Focusing Screen L-D
19. Focusing Screen L-E (Supplied with F-1)
20. Focusing Screen L-F
21. Focusing Screen L-G
22. Focusing Screen L-H
23. Focusing Screen L-I
24. Rubber Eyepiece Ring
25. Magnifier R
26. Angle Finder B
27. Angle Finder A2

The following accessories are supplied with related products, but are also available as spares:

28. Semi-hard case S for F-1 (W/FD 50mm f/1.4, f/1.8)
29. Eye-Level Finder
30. Neck Strap 6 w/pad
31. Mercury Battery (H-D)
32. Camera Cover R-F
33. Eye Cup 3R

Please refer to the F-1 accessory combination chart.