

Specifications

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

Format: 24 x 36mm.

Interchangeable Lenses: Canon FD series lenses with full aperture signal lever.

Standard Lens: Canon FD 55mm f/1.2 S.S.C., FD 50mm f/1.4 S.S.C., or FD 50mm f/1.8 S.C.

Viewfinder: Eye-level pentaprism. Angle Finders A2, B, Magnifier, Dioptic Adjustment Lenses for eyestrain correction can be attached.

Focusing Screen: Using Fresnel lens and micropism spot rangefinder. With beam-splitting condenser.

Field of View: 94% of actual picture area. 0.85 x with standard 50mm lens at infinity.

Viewfinder Information: Meter needle and aperture needle, shutter speed indicator, red signal appears when shutter speed is below coupling range of meter, meter index for stopped-down metering and battery check, and metering range limit marks.

Dioptic Adjustment Lenses: Standard-1.2 diopter. Interchangeable with +1.5, 0, -2.5 and -4.

Mirror: Shockless instant return system. Mirror can be locked in upward position. Aperture is manually operated when mirror is locked in upward position.

Lens Mount: Canon breech lock FD series. FL and R series of lenses usable.

Coupling Function of Lenses: FD lenses: full aperture metering, coupled with automatic diaphragm; FL lenses: stopped-down metering, coupled with automatic diaphragm; R lenses: stopped-down metering, manually operated diaphragm.

Shutter: Focal plane shutter with speeds from 1 to 1/1000 sec. and B. X synchronization at "60". Shutter button can be locked.

Self-Timer: Built-in. Activated with shutter release button. Approx. 10 sec. time lag. Self-timer lever is used in common on stopped-down lever.

Film Speed Range: ASA 25-2000.

Exposure Meter: Built-in. Using CdS photo cell. Coupled to ASA film speeds, shutter speeds and f/stop. Match needle type full aperture metering mechanism. Central Area System measures 12% of picture

area. Stopped-down metering possible. Fixed index type metering, using stopped-down lever. Locking of lever possible. Powered by one 1.3v mercury battery (Mallory PX625 or Eveready EPX625). Battery check built-in.

Exposure Meter Coupling Range: With ASA 100 film: EV 2.5 (f/1.2 at 1/4 sec.) to EV 18 (f/16 at 1/1000 sec.).

Ultra-low Illumination Metering: Metering possible with ASA 100 film between EV 10 (f/22 at 1/2 sec.) and EV-3.5 (f/1.2 at 15 sec.) with use of Canon Booster.

Flash Synchronization: FP and X synchronization. Automatic time lag adjusting type. Sync terminal on front side of body with cover to prevent electric shock. Two exclusive contacts on accessory hot shoe.

Synchronizing Range: FP class: 1/1000-1/125 sec.; Speedlite: 1/60 sec. or under; M,MF class: 1/30 sec. or under.

Canon Auto Tuning (CAT) System: Aperture control by recharging power level signal and distance signal.

Proper aperture obtained by matching needle system through connection of Canon Speedlite 133D, Auto Ring A2 or B3 and prescribed FD 50mm f/1.4 S.S.C., FD 50mm f/1.8 S.C., FD 35mm f/2 S.S.C. or FD 35mm f/3.5 S.C. lenses.

Film Loading: Accepts any standard 35mm film roll in cartridge. QL mechanism for quick loading of film.

Film Advance Lever: Single operation 174°. Ratchet winding possible.

Film Rewinding: Performed by rewind button and crank.

Frame Counter: Self-resetting type activated by opening back cover.

Size: 144 x 93 x 43mm (5-11/16" x 3-11/16" x 1-11/16")-body only;
144 x 93 x 90mm (5-11/16" x 3-11/16" x 3-9/16")-with f/1.4 lens.

Weight: 750g. (1 lb. 10-1/2 ozs.)-body only;
1055g. (2 lbs. 5ozs.)-with f/1.4 lens.

Subject to change without notice.

A Camera with All the Features!

Canon

FTb

English Edition

FD Lenses Quick Loading CAT Automatic Flash Booster Meter

Canon

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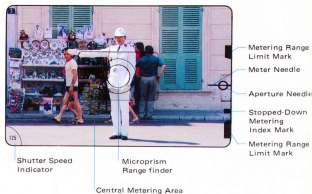


The Canon FTb is a superb 35mm SLR camera designed for both the rank amateur and the busy professional. The camera is incredibly simple to use, so you can be assured of professional quality results on your very first roll of film. Also when you purchase the FTb, you are buying a system camera which will grow with you. Some worthwhile buying points are described in the following paragraphs. And remember, many of the FTb's features are unique and cannot be found on any other camera.

Canon FTb Features

1) Professional-Quality Exposure Measurement

Nowadays all built-in exposure meters read light coming through-the-lens (TTL), and most measure it with the lens at full aperture, but Canon makes the only camera that does both of these in addition to using a Central Area System for exposure measurement. A 12% central area is the only part of the picture area measured by the meter, and this portion is clearly indicated by a slightly darkened rectangle which does not interfere in the least with focusing or viewing. The Central Area System is employed to give the photographer two options, that of using the meter like an averaging type or like a true spot meter. The Central Area is large enough for the fast-shooting photographer simply to meter the main subject and get a reliable reading; yet it is small enough to allow the most exacting worker to meter small areas in the picture very accurately, so as to insure highlight or shadow details. Backlighting is no problem at all, because the metering area is clearly defined. When the light gets very dim, the meter can still be used by attaching the Canon Booster. This is a handy little unit that slips into the camera's accessory shoe and is able to measure the faintest light coming through the lens. You can even meter the light from the full moon with an accuracy undreamed of before. Clearly, Canon's Central Area System is superior to any other on the market today. In addition, the Canon FTb has a viewfinder in which the selected shutter speed is displayed in large numerals in the lower left-hand corner. With clearly visible aperture and meter needles, plus a stopped-down metering index mark and meter range limit marks on the right side of the viewfinder, all exposure adjustments may be made with the camera at eye-level.



2) An Extremely Wide Range of Interchangeable Lenses

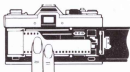
Canon's interchangeable lenses including the FD and FL series now number more than 30 and can handle any conceivable photographic situation. From a 7.5mm fish-eye which "sees" a full 180° to a 1200mm super-telephoto, having a picture angle of only 2", there is a lens to match your imagination. A special "tilt and shift" wide-angle lens not only can correct perspective distortion in pictures of tall buildings, but also can control depth of field without a change in f /stop. A special aspherical 55mm f /1.2 lens can be used wide-open without the slightest trace of flare. Two macro lenses reveal the infinite beauty of the world in close-up. In addition, there are three zoom lenses and three ultra-sharp and compact FL telephoto lenses, each using one or more special fluorite elements to insure perfect color reproduction and high image contrast. And Sharp! Each and every Canon lens is absolutely the best that the present state of the art in lens design permits.

3) CAT Automatic Flash Photography

Canon has developed an entirely new solution to the old problem of achieving correct exposures in flash photography, and it is called the CAT (Canon Auto Tuning) System. When the Canon Speedlite 133D flash unit is slipped into the specially designed hot shoe of the FTb and the Flash-Auto Ring is connected to the front of the lens, automatic flash photography of the match-needle type becomes possible. Simply turn on the speedlite, focus on your subject, match two needles in the viewfinder and press the shutter release button. Flash! The speedlite fires, and you have perfectly exposed pictures every time—thanks to the special electronic circuit for flash built into the FTb. The CAT System may be used with four Canon FD lenses: two normal 50mm lenses, the f /1.8 and the f /1.4; and two wide-angle 35mm lenses, the f /3.5 and the f /2.0.

4) Fast and Foolproof Film Loading and Rewinding

How frustrating it is to take 36 shots on that unforgettable vacation, and then find out that the film has not been advancing through the camera! All these precious shots lost forever. And it's impossible to replace them. Or have you ever missed a beautiful photographic situation, because you took too long to load another roll of film into your camera? With Canon's QL (Quick Loading) mechanism, you'll never have these problems. Loading is fast and foolproof. Just insert the cartridge, pull the film leader across to the red indicator mark of the QL mechanism, close the camera back and advance the film. Loading is as simple as that! No fumbling and no mistakes. The QL threads the film on the take-up spool quickly and surely.



5) Quality Craftsmanship and Rugged Dependability

Quality, craftsmanship, dependability—terms that are sometimes used today when they shouldn't be. But when they are used to describe Canon products in general and the FTB in particular, these words are pertinent and meaningful.

Yes, the FTB is mass-produced on an assembly line, but it is put together completely by hand. Each and every part is fitted together exactly, so that they will work together for many years to come. Tolerances to a thousandth of an inch (one micron) are kept when machining the parts. And the camera is tested many times during its manufacture for such things as accuracy of shutter speeds, lens performance and film winding. Yet with all this precision, the Canon FTB is not a fragile instrument to be left on the shelf. It is made to be used hard in all kinds of weather. Without special weatherproofing, the camera will operate in a wide range of temperatures from arctic to tropical conditions.



6) A Complete Line of Accessories

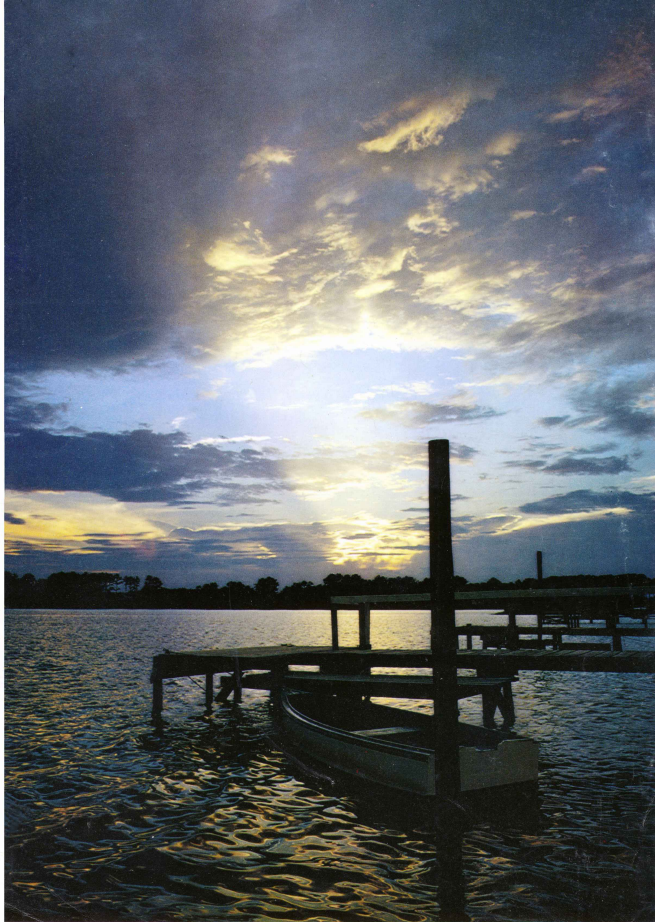
Do you want to take pictures through a microscope? Just attach a Canon Photomicro Unit F between the FTB's body and a microscope, and you're ready to shoot. Use a Canon Booster to obtain perfect exposures. Would you like to copy your favorite slides onto black and white or color negative film or create an entirely new design by sandwiching slides together? Duplicating slides is possible by using the Slide Duplicator and the Canon Bellows FL. Or how about creating your own audio-visual presentation? Copying pictures or diagrams from books and magazines is a simple operation using either the Canon Copy Stand 4 or the portable Handy Stand F. Also, Canon makes its own filters, cable releases, extension tubes, close-up lenses, angle finders, eyesight correction lenses, and gadget bags.

Well, that's the gist of it, features that you want and need in a camera, and the FTB has all of them. Your camera. From Canon—the leader in fine cameras.



Accessories

1. Angle Finder A2
2. Angle Finder B
3. Canon Release 30
4. Canon Release 50
5. Extension Tubes 25-200mm
6. Copy Stand 4
7. Microphoto Hood
8. Photomicro Unit F
9. Handy Stand F
10. Attachment Ring
11. Camera Holder F2
12. Slide Duplicator
13. Bellows M
14. Bellows FL
15. Magnifier
16. Lens Mount Converter A
17. Lens Mount Converter B
18. Macrophoto Coupler FL55
19. Macro Hood
20. Extension Tube M Set
21. Macrophoto Coupler FL48, 58
22. Filters



Canon FTB, FD24mm; 1/2.8 S.S.C. Lens, 1/60sec. f/5.6 ASA25