

Konica FS-1

35mm slr camera
with built-in autowinder

Cat. No. 702-555



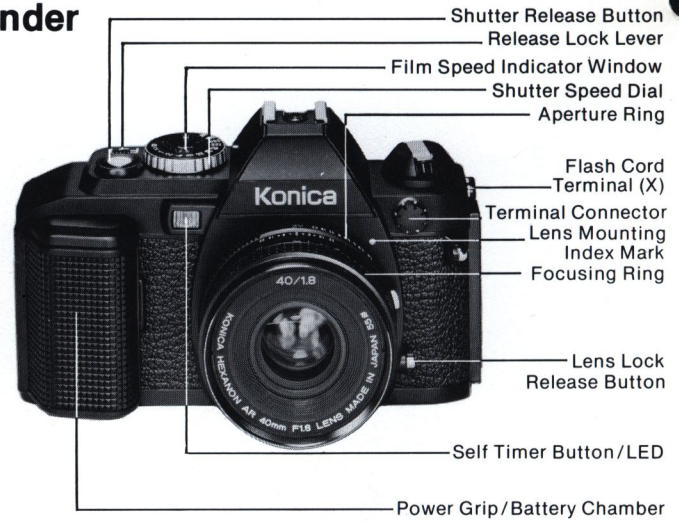
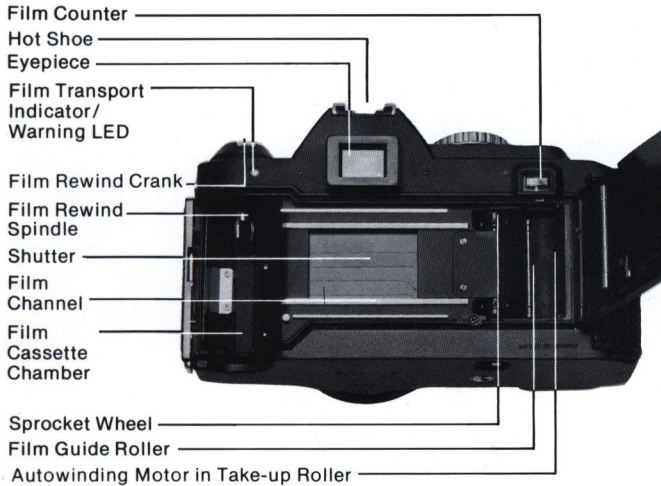
The Konica FS-1 is one of the most advanced single lens reflex cameras in the world. A masterpiece of precision and reliability, it is completely electronically operated and electronically powered. A totally integrated camera, its design innovations include: auto load . . . auto start . . . auto exposure . . . auto flash . . . and a **built-in autowinder**. And with all this, it is comparably priced to most other 35mm cameras **without** the autowinder.

Key Features

- **Autowinder — built-in.** After shooting, the built-in micro autowinder automatically advances the film to the next frame. Shoot single frame or continuously at 1.5 frames per second — with correct exposure automatically set for each frame.
- **Auto Load.** Film loading is quick, easy, precise. Drop in any standard 35mm cassette, extend the leader, and close the back.
- **Auto Start.** The FS-1 electronic “brain”, the Central Processing Unit (CPU), automatically takes over and advances the film to frame number 1.
- **Auto Exposure.** Famed Konica “shutter preferred” exposure system. Set the shutter speed to match subject action. Ultra sensitive Gallium Arsenide Phosphide (GaAsP) photo cell assures precise automatic exposure. Full manual operation also provided.
- **Optional manual or semi-automatic operation.** Operates in full manual mode by simply depressing the AE safety lock on the lens aperture ring and shooting at selected lens opening. Exposure meter LED in viewfinder shows metered lens opening. Utilizes match-needle system for semi-automatic operation.
- **“Control Center” viewfinder** gives precise information instantly. Three separate focusing aids (split image rangefinder, microdiaphragm ring, fine ground glass circle) in center of screen for quick, accurate focusing. Operative indicator LED glows to show proper exposure. Warning LEDs blink to advise “under” or “over” exposure. Also has “flash ready” blinking LED, “low battery power” and manual operation flashing LEDs.
- **Auto Flash.** The FS-1 computer automatically advises the Konica X-24 Electronic Flash of the ASA speed of the film, and adjusts lens aperture and shutter speed for correctly exposed flash pictures.
- **New, compact, Color Dynamic Coated, Hexanon 40mm f1.8 lens.** Fully automatic, manual override. Slightly wide angle coverage for increased field of view, greater depth-of-field.
- **All metal, dual micro solenoid, electronically operated vertical travel shutter.** Precisely accurate shutter speeds from 2 seconds to 1/1000 second plus B. ASA speeds: 25 - 3200.
- **Self timer** glows in ever faster series of red light “blinks” before shutter trips in ten seconds.
- **Professional system accessories and full line line of Konica Hexanon Lenses** (from 15mm Fisheye to 1000mm Telephoto) available.

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Technical Specifications

Type 35mm focal plane shutter TTL-AE single lens reflex with built-in autowinder.

Format 24 x 36mm full frame 35mm.

Standard Lens Options Konica Auto Hexanon Lenses — 40mm f1.8, 50mm f1.7, 50mm f1.4, 57mm f1.2.

Lens Mount Konica Bayonet II (47mm diameter).

Flange/Film Distance 40.5mm

Shutter Vertical travel, metallic. Electronic with dual micro solenoids computer controlled.

Shutter Speeds 2 seconds to 1/1000 second plus "B"

Flash Synch Built-in hot shoe and PC terminal (X). Shutter automatically set to 1/100 second with dedicated Konica X-24 Electronic Flash. Manually set from 2 seconds to 1/60 second with other types of electronic flash. Synchronizing with M, FP and MF bulbs at 1/30 second and slower shutter speeds.

Viewfinder Parallax-free, eye-level pentaprism. Accepts Konica slide-in eyepiece accessories.

Field of View in Finder vs. Film Image Area 91%

Magnification 0.67x with 40mm lens
0.84x with 50mm lens

Viewfinder Information . . . LED display readouts:

- Correct AE aperture value (from f1.4 to f22) lights up.
- f1.0 (between M and f1.4) flickers for underexposure warning.
- f22 flickers for overexposure warning.
- M flickers and correct aperture value lights up when using lens in "manual" mode.
- f1.0 and f22 flicker alternately for low battery condition warning.
- f1.0 lights up for stopped-down metering.
- f5.6 or f11 flickers when X-24 flash is ready to fire.

Focusing Screen Konica three way system with split image, microdiaphragm, and fine ground glass.

Light Meter Center weighted / GaAsP cell. Thru-the-lens (TTL) metering system.

AE Coupling Range ASA 100
EV 0 (at 2 sec. with f1.4) to EV 19 (at 1/1000 sec. with f22).
EV 0.7 (at 2 sec. with f1.8) to EV 19 (at 1/1000 sec. with f22).

Exposure Control Shutter speed priority system.

- Fully automatic, thru-the-lens, full opened aperture metering.
- Full manual operation — all shutter speeds and apertures can be manually selected.
- Semi-automatic operation — matched needle system allows use of all non-automatic and pre-set lenses and accessories.

Film Speed Range ASA 25 - 3200.

Shutter Release Soft touch release with dual microswitch. First 0.7mm travel for light metering LED display and battery check. Additional 0.4mm to release shutter.

Release Lock Position "On/Off" lever surrounds release button.

Film Loading Konica auto film load system.

Film Transport Konica auto film advance system.

Film Rewind Rapid rewind crank system

Frame Counter Oversize window with additive counter. Auto start to Number 1. Automatic zero reset.

Reflex Mirror Oversize, coated mirror prevents image cutoff in finder even with bellows extension at 1:1 magnification. Mirror design permits automatic operation even with extreme wide angle lenses. Instant return mirror action prevents image blackout after exposure.

Self Timer Digital control electronic self timer with 10 second delay and blinking LED display.

Power Source Four (4) AA 1.5V Alkaline penlight batteries power entire system in quick change power module.

Tripod Socket Standard 1/4" x 20.

Dimensions Body only - 5.7" x 3.5" x 1.8"
(146mm x 90mm x 46mm).
With 40mm f1.8 lens - 5.7" x 3.5" x 2.8"
(146mm x 90mm x 72mm)
With 50mm f1.7 lens - 5.7" x 3.5" x 3.3"
(146mm x 90mm x 85mm)

Weight Body only - 19.8 oz. (560g)
With 40mm f1.8 lens and batteries - 28.2 oz. (800g)
With 50mm f1.7 lens and batteries - 30.7 oz. (870g)

Specifications subject to change without notice

Konica Division **BERKEY MARKETING COMPANIES**

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