

STEPHEN FINKEL PHOTOGRAPHY

Minolta Weathermatic 35DL

The weathermatic is the world's first waterproof camera that allows you to select from either 35mm or 50mm lenses at a touch of a button. It features autofocus on land, Focus-Free operation underwater, automatic exposure, automatic switchover flash, automatic film transport, and the option of using either a lithium battery or four AAA alkaline batteries. Its housing is sealed to prevent entry of moisture or dust, you can take pictures on snowy ski slopes, at the beach and underwater.

Following table shows the focus range for each lens while underwater

	35mm lens	50mm lens
Focus Free	1.2 to 3.6m (4 to 11.8 ft)	1.3 to 3.2m (4.3 to 10.5 ft)
Underwater close up feature	0.52 to 1.3 (1.7 to 4.3 ft)	0.62 to 1m (2 to 3.3 ft)

	ISO 100	ISO 400
35mm lens	0.52-3.6m (1.7-11.8ft)	0.52-7.2m (1.7-23.6 ft)
50mm lens	0.62 – 2.3m (2-7.5 ft)	0.62-4.6m (2-15.1 ft)

Exposure system is subject-weighted metering which programs automatic exposure (AE) range at ISO 100: EV 9 to EV 16.2 with 35mm lens, EV 10.4 to EV 17.1 with 50mm lens

Film-speed range: ISO 100 to 1000 DX-coded color negative film and ISO 100 or 400 DX-coded color reversal film: ISO 100 set when using films without DX Coding

Film Transport: automatic threading, auto advance to first frame, auto winding, auto rewind and auto rewind stop.

Flash system is a automatic charge activation which flash fires automatically in low light when subject is closer than approx. 0.75m (2.5 ft) and when underwater close-up button is pressed. The shutter locks until the flash is charged, a red LED next to viewfinder glows if flash is not charged.

Viewfinder is a Bright-frame type with auto-focus zone, normal-framing and close-framing guides; with a red LED (flash-wait). Magnification changes automatically with lens setting

The camera is watertight down to 5m (approx. 16 ft) under water; a rubber gasket seals the back cover, and an a-ring seals the battery chamber. The Weathermatic can also float on water.

Features:

- Focus Hold is useful for obtaining accurate focus on subjects difficult for autofocus such as the following: Highly reflective surfaces: Water, mirrors etc. Unsubstantial objects: flame, fireworks, hair etc. Dark object and surface with low reflectivity, objects behind glass, windows, etc. Small subjects that do not fill the auto-focus zone.
- Auto Close-up function lets you get sharp pictures of close-up subjects.
- Auto Film Advance: After you take a picture, the camera will automatically advance the film one frame, and the frame counter will advance to the next number.
- Auto Rewinding: about four seconds after the last frame has been exposed the camera automatically starts rewinding the film.

Accessories:

Sports finder: shows the field of view for both the 35mm and 50mm lenses.

Sports case or Carrying case and Neckstrap.

