

MINOLTA HI-MATIC E

1971



Serial Nr.231362
Minolta Code: 0195

Characteristics and functions

The Minolta Hi-Matic E was introduced in 1971. This camera features a new Seiko EsF shutter that is electronically programmed for exposures ranging from 1/1000" to 2 seconds. The shutter works from EV 17 (from 1/1000" and f.11) to EV 0.5 (at 2" and f.1.7) with 100 Asa films. The X synchronization is 1/20". The self-timer is delayed by 10 seconds. The camera has a traditional appearance with chrome caps and a central part in black imitation leather. The lens mount is also chromed. On the upper carter there are: the foldable knob for the recovery of the film which also has the function of releasing the back if extracted as far as it will go, the hot shoe with hot contact engraved with the serial number, the words "Electro Control" and the red light that lights up to check the battery charge, the threaded shutter button to be able to adapt the flexible release (Cable Release), the metal charging lever with black plastic terminal part (30°

degrees of pre - stroke and 140° for the complete advancement of the film), the window of the frame counter with numbering on a black background and red reference index positioned along the right side of the window itself. On the rear side of the upper shell appear: the black plastic window of the eyepiece, the Auto / Manual selector for using the flash and the black plastic window where the orange signal for smooth film scrolling appears. On the back there is a comfortable and complete scale of the Guide Numbers in meters and in feet. On the back there are: on the left a large flare covered by the door that facilitates the introduction of the film reel; the black plastic door that covers the battery compartment (2 Mallory RM-640 batteries or similar) and the clutch release button for recovering the exposed film. The words "Minolta" and "Hi-Matic E" appear on two lines on the front of the upper shell. On the left side, below a protective glass are the windows for the rangefinder and viewfinder. On the black faux leather part, to the right of the lens, there is a small metal sticker that symbolizes the circuit for the electronic shutter control and the large lever for activating the self-timer. The lens is a Rokkor - QF 40mm. f. 1/1.7, very bright. The lens body is all in satin metal, oversized compared to the front lens so that it can also contain the CdS exposure meter cell. There is also the thread for the adaptation of Minolta conversion or compensation filters with a diameter of 49mm. The metal ring closest to the camera body is the one that adjusts the focus: the distance scale in meters (0.8m - infinity) is painted in black, the distance scale in feet (2.6ft - infinity) is painted in green. The crown with grooves allows a good grip and facilitates the adjustment; the reference of the distances is given by a white point placed close to the body. The outermost ring bears the Asa values (25..50..100..200 ... 500) engraved and painted in black for the calibration of the exposure meter according to the film used. On the same ring, but to the right of the lens, there is the orange symbol of the flash of light for the use of the flash. The orange lightning reference is connected to the Guide Numbers scale represented by the letters A, B, C, D, E shown on the bottom of the lens mount. The black index is connected to the small ring that has the ease of rotating thanks to the protrusion of a small chromed frame placed nearby. For the setting of N.G. refer to the table on the back of the lens. In the viewfinder there is the bright frame that delimits the actual framing, complete with reference marks for parallax correction in shooting at close distances; the rangefinder is arranged in the center; on the left side a green light turns on when the exposure is correct, if the red light turns on it means, however, that shooting requires the use of the flash and that the camera is setting slow times. To activate the exposure meter and make the light signals appear, press the shutter button halfway, lowering it further, the actual shot is taken. The socket for the flash cable is positioned on the left side of the camera and on the sides of the same, the two chrome rings for attaching the shoulder strap are placed in a symmetrical position. Weight 560g. batteries excluded. Width 133mm.; height 85mm.; depth 60mm.