

REVERE 3M 1074 Gift Set

1969



Serial Nr. 105669
Minolta Code 0406

Characteristics and functions

This appliance was manufactured by Minolta on behalf of 3M for distribution on the American market. The camera uses type 126 cassette magazines. The films, in 12 or 20 exposure magazines, provide images of 28.5x28.5mm. The 3M Revere 1074 is the best performing device among the three Revere models presented between 1968 and 1969. This device is practically an Autopak 800 without the automatic film advancement system. The 3M Revere 1074 retains the hazelnut and brown color like 1062 and Automatic-1064, but varies considerably in aesthetic appearance and volumes. The shape is very reminiscent of the Minolta Autopak.

On the upper side, on the far right, is the shutter button positioned in a depressed area of about ½ centimeter with respect to the upper floor. The shutter button has a thread to which the flexible shutter or mechanical self-timer can be adapted. The socket for using the flash-cube is located in the center of the upper brown plastic cap. On the front, in a very elongated black frame, there are the words Revere 3M 1074, the window of the coupled rangefinder and the window of the viewfinder. Below this frame is the large cantilevered part that contains the lens and the CdS cell of the

exposure meter. The indication "F 2.8/38mm" and "ROKKOR" are respectively on the right and left of the black frame of the light meter cell. The lens is a Rokkor 38mm. f/2.8 with 4 elements in 3 groups. On the left side of the camera there is the focus knob with scale in meters (1 - 1.2 - 2 - 5m and infinity) and in feet (3.5 - 4 - 7 - 15 and infinity). Above the focus knob is the metal ring for the use of the shoulder strap. The other ring for using the shoulder strap and the black plastic slider for unlocking the film compartment door are positioned on the right side of the camera. The programmed shutter works with fixed times of 1/90s and 1/45s with insufficient ambient light and flash on. With insufficient ambient light the shutter is set at 1/45s and the cuboflash is activated. In the viewfinder, a red signal is activated when the use of the flash is required for correct exposure or when the inserted cuboflash is completely used. In the viewfinder you can see the bright frame with the parallax references and the extremes of the focus area with the symbols of the "half-length" and "Two people" for the use of the flash according to the "Flashmatic" mechanism: the diaphragm is adjusted using the focus knob according to the Guide Number principle, always within the minimum and maximum range of coverage with the flash. The programmed aperture works from 8 to 22. The exposure meter at the CdS works from EV 8.5 to EV 16. The adjustment of the sensitivity of the film used is automatic: the camera reads the ASA values directly from the film loader, by means of a mechanical selector. compatible with reference marks on the magazine. On the back we find the black plastic frame of the viewfinder and the charging lever that slides into a slot under which a black plate carries "Made in Japan" and the serial number engraved in an aluminum-colored area. The remaining $\frac{3}{4}$ of the rear side are occupied by the large door of the film compartment whose transparent window allows you to view the type of film introduced and observe the "frame counter" which is given by the printing of the numbers on the outer side of the black paper covering the film. It is good to remember that after taking the last useful shot, the film must be advanced until the black paper completely covers the film, which has all settled on the right-hand side, receiving, of the cassette loader. For this purpose, on the transparent part you can read: "Wind film to stop". Both the cuboflash and the exposure meter require batteries for their operation. Even the exposure meter at the CdS works using battery energy. On the bottom of the camera there is a black plastic door of the battery compartment with the writing "OPEN>BATTERY". There are two batteries to use: 1 PX-23 to operate the flash and 1 RM625R mercury for the CdS exposure meter. A small slider allows the door to be unlocked. Also on the back there is the nut screw for the use of the tripod.

Weight 365g. shoulder strap and batteries excluded.

Dimensions: length 129mm; height 83mm depth 64mm.



Revue 3M 1074 Gift Set