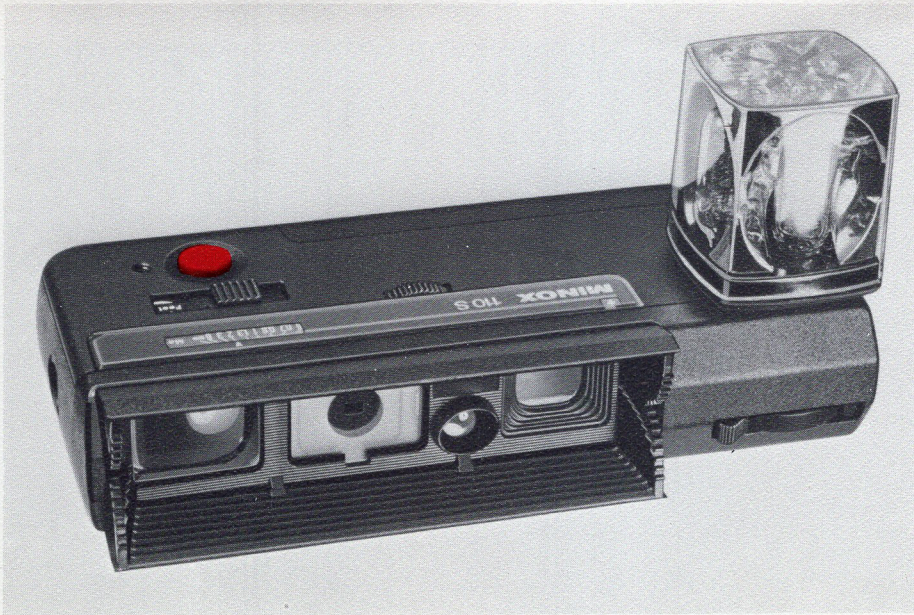


MINOX[®] 110 S



**“Suitable for
the films of
tomorrow as
well as today”**



Visible between the open doors: viewfinder window, rangefinder window, CdS cell, lens opening

The Minox® 110S—all that a Pocket Camera Should be—and More.

The Minox 110S is much more than just another 110 camera. It is the lightest and smallest 110 camera with a built-in rangefinder (apprx. 5 oz.). The Minox 110S is an automatic camera for both daylight and flash photography.

In spite of the automation the Minox 110S permits the user to select the aperture and control the depth of field when taking daylight pictures. The camera will automatically set the correct shutter speed from 1/1000 to 4 sec.

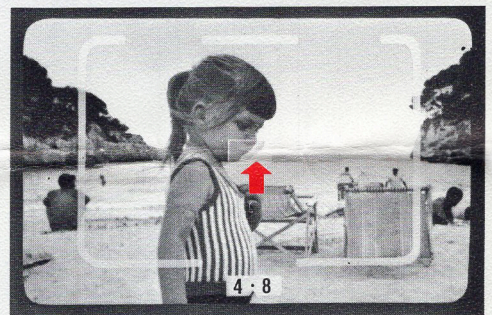
The new Minox 110S is also an automatic flash camera for both Magicubes and a special Minox electronic flash unit, the F110, which will be introduced in the fall of 1976. When using flash, the correct aperture will be automatically set as you focus. The depth of field indicator remains automatic with either the electronic flash or Magicubes. Because the optimal flash illumination depends on a precise distance setting when using flash, the Minox 110S has a rangefinder. Therefore, the rangefinder performs two functions. It not only establishes the correct distance but also

the correct illumination by automatically varying the aperture. On a bright day the rangefinder is not absolutely necessary as the automatic depth of field indicator is very useful. The Minox 110S offers this unique feature.

The Minox 110S has a bright and contrasty viewfinder with automatic parallax compensation. The rangefinder measuring field is in the middle of the viewfinder frame. The aperture indicator is just below the viewfinder frame.

The Minox 110S has two arrows which might appear in the viewfinder — but never at the same time. The red arrow would indicate that the required shutter speed would be faster than 1/1000 sec. The yellow arrow is a warning that the required and established aperture has a corresponding shutter speed that is too slow for hand held exposures. Each of the arrows point in the direction the aperture dial should be rotated. When the shutter speed is brought into the acceptable range the arrow will no longer be visible.

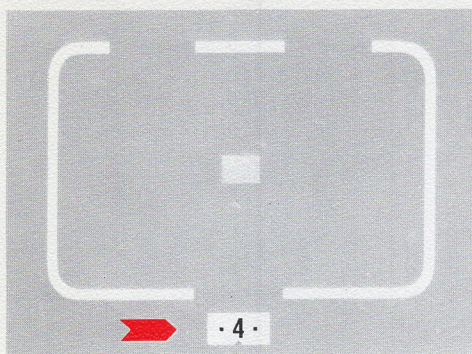
The Minox 110S camera has



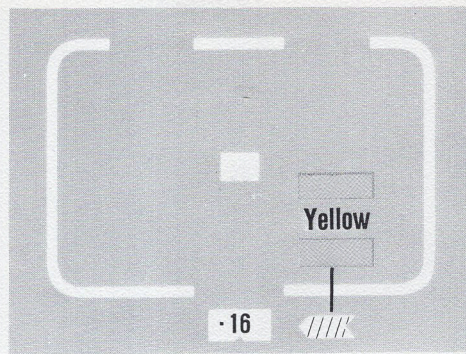
both a split image rangefinder



and automatic depth of field indicator.



A red arrow warns that the selected aperture gives a corresponding shutter speed faster than 1/1000 sec. (shown f/4). Rotate the aperture selector to the right.



A yellow arrow on the right warns that the exposure will be longer than 1/30 sec. so there is danger of camera shake (shown f/16). Rotate aperture selector to the left.



The aperture is adjusted by rotating the aperture ring (double arrow). The selected aperture is visible in the viewfinder as well as on the top side of the camera (triangular arrow upper left).

As the Minox 110S has a fast f/2.8 lens flash will be indicated in only very dim light. The aperture range for daylight pictures is from f/2.8 to f/16. The automatic aperture system when operational for flash will increase the aperture value even further — as far as f/22. This is necessary to ensure correct exposures when using flash at very close distances. You can focus the Minox 110S as close as 24 in. or 60 cm (2 ft.). The distance scale is adjustable for either meters or feet.

The four element lens is excellent, but to appreciate its quality you will have to take pictures. The Minox 110S is a futuristic camera with automatic flash. It is a pocket camera that not only will expose the films of today but will also work with the films of tomorrow (with an approximate ASA value of 400). If you insert ASA 400 film in the Minox 110S and switch to the flash mode a

filter automatically slips in front of the lens to reduce the ASA value to 64 and the flash ranges for both Magicubes and electronic flash. The black matte finish also makes the Minox 110S a very attractive camera.

When the camera is not in use it is closed to prevent raindrops and fingerprints from getting on the lens. When the front doors are closed the meter is also turned off. A little push on the slider on the bottom and the front doors will spring open. With these doors open the electronics are turned on and the camera is unlocked. If the film has been totally exposed or the camera is not cocked or if a used bulb is in the firing position the release button will not function.

The open front doors provide additional protection against smudging and raindrops and prevent fingers from getting in front of the lens and viewfinder.

If you have the doors just partially closed the camera shuts itself off. It will be difficult for a Minox 110S owner to make a mistake. You can't even insert a flash cube as long as the aperture is still set for daylight automatic. This feature prevents accidentally engaging the flash and fixing the shutter speed at 1/40 sec.

A battery test, cable release socket, wrist strap and tripod socket are standard equipment. The Minox 110S uses two Mallory 625 batteries. The battery contacts even wipe themselves clean whenever you open the back to change film and prevent deposits from building up.

The Minox 110S camera has an elegant carrying case of burgundy leather which protects the camera completely. It was designed to allow quick insertion and withdrawal from the case.

Technical Specifications

Negative format: 12mm x 17mm

Film: 110 cartridge

Shutter: automatic electronic control special shutter, speed range from 1/1000 of a second to approximately 4 seconds. Automatic switching of film speed 19 DIN/ASA 64 to 27 DIN/ASA 400 when 400 ASA cartridge is inserted. Constant shutter speed of 1/40th of a second with "flash setting".

Shutter Release: The shutter release button is locked when the front covers are closed and when a used flash cube is in the firing position.

Cable Release Socket: On top of camera

Warning lights: Over exposure and long exposure warning lights appear in viewfinder

Aperture: Manual operation for f/2.8 thru f/16 for daylight exposures without flash. With flash setting: automatic flash/aperture adjustment from f/2.8 to f/22 depending on guide number of flash cubes. Flash range is unchanged when films of higher speed (27 DIN/ASA 400) are used. This is accomplished through automatic positioning of a filter in front of the lens.

Lens: 4 element f/2.8 25mm lens

Focusing: 2' to infinity. Interchangeable scales for meter and feet calibration.

Rangefinder: Superimposed image, rectangular measuring patch in center of viewfinder.

Depth of Field: Automatic depth of field indicator coupled with distance scale.

Viewfinder: Brightline telescope viewfinder with automatic parallax compensation. Aperture setting and warning arrows visible in viewfinder.

Batteries: Two cells Varta 7203, Varta 246 or Mallory MN625.

Battery test: Battery tester with glow light indicator.

Flash Synchronization: Built-in socket for X-cubes with automatic cube rotation. Connections for special Minox electronic flash unit F110.

Tripod socket: 1/4"

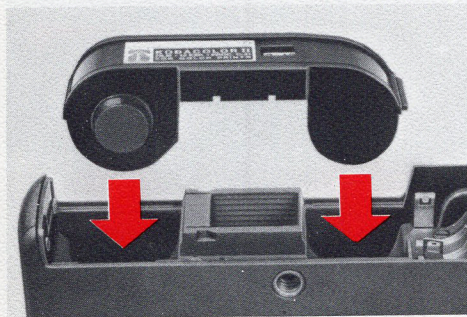
Measurements: w.h.d. 13.1cm x 2.6cm x 5.4cm (5" x 1" x 2")

Weight: (With batteries, without film) 130 grams (5 oz.)

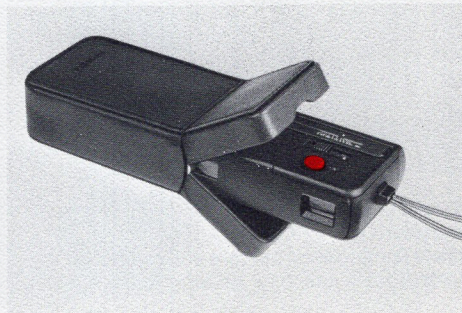
Country of manufacture: West Germany.

The Minox 110S is
a futuristic camera.

Accessories



The Minox 110S is a futuristic camera. It can be used not only with today's 110 films but also with the anticipated sensitive films of tomorrow (with an ASA value of approximately 400).



The elegant case made of fine burgundy leather protects the Minox 110S completely. The wrist chain (on the right side of the picture) is a standard accessory on the Minox 110S camera.



The Minox Table Tripod is an ideal companion for the Minox 110S (as well as for other small cameras). Between the camera and the ball and socket head is the 110 extender which is necessary for vertical pictures.



MINOX® USA

A Division of E. Leitz, Inc.

Rockleigh, N.J. 07647