

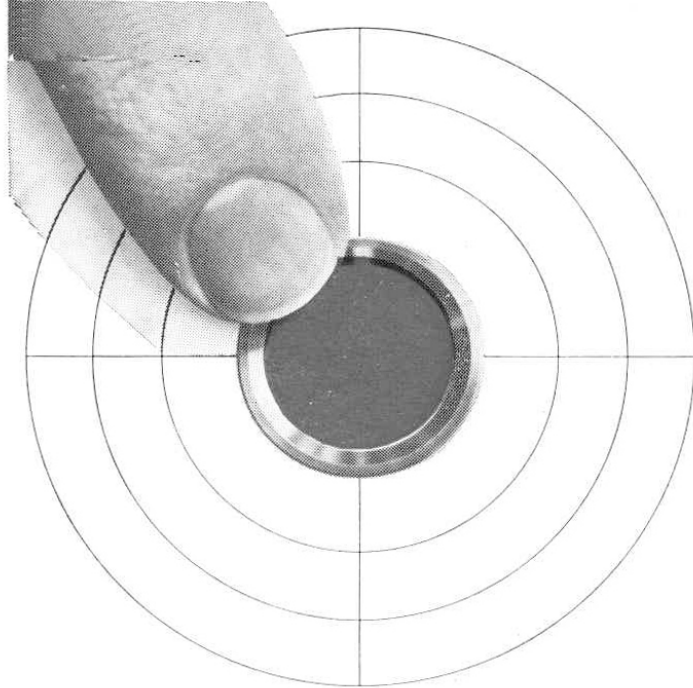
TYPE 2730



AGFA-GEVAERT

OPTIMA 200 ● sensor

**Agfa Sensor is the new camera
release system by Agfa-Gevaert.
You can now take pictures without
any camera shake and release the
shutter s-m-o-o-t-h-l-y. With your
first shot you can already feel and
hear the technical innovation:
Agfa Sensor!**



**Agfa Sensor
stops camera shake!**

What else has your

Agfa Optima 200 • sensor to offer ?



**AGFA QUICK LOADING
SYSTEM**

**AUTOMATIC EXPOSURE
CONTROL**

AUTOMATIC FLASH CONTROL

AGFA QUICK LOADING SYSTEM

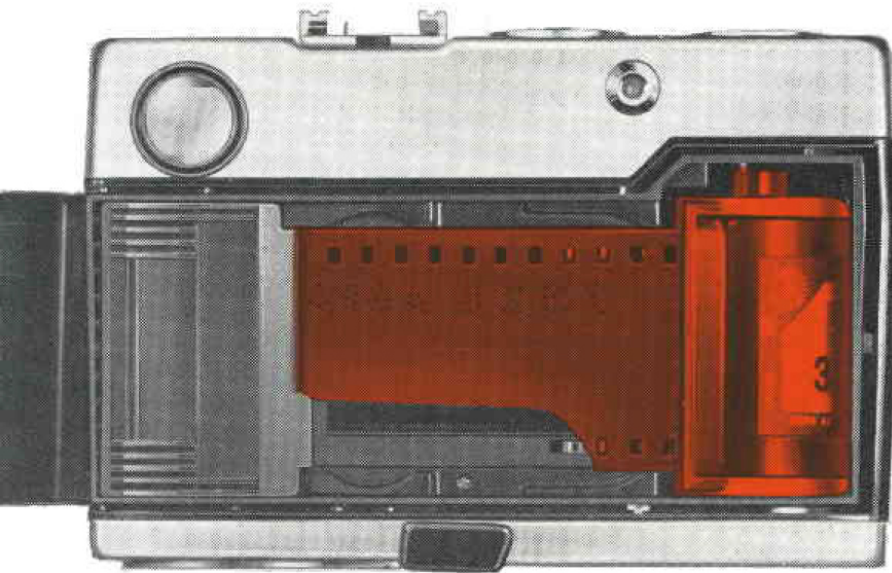
This new system simplifies insertion of the film considerably. Push locking device down, place film cassette into right chamber and push film key back in its original position. Draw film until both lines of perforation are visible and insert film leader along the arrows underneath lid of take-up reel. Make sure that the film lies flat on the film track and that both sprockets have properly engaged in the film perforations (see picture below). Close the back and turn frame counter dial to A (using a coin). Operate quick wind lever three times and release shutter in between; the number "1" appears in the frame counter window. The counter shows the number of exposures already made.



SOME FILM TIPS:

For black and white prints:
Agfa Isopan IF or ISS,
Perutz 17 or 21

For color prints:
Agfacolor CN S negative film



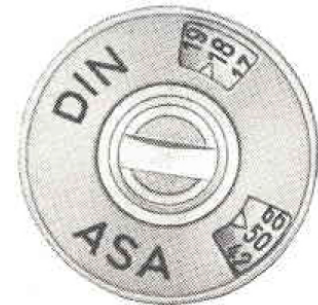
**For color or black and white prints:
Agfacolor CN 17 Universal**

**For color slides in daylight:
Agfacolor CT 18 or Perutz C 18**

**For color slides in artificial light:
Agfacolor CK**

(More details on rear cover page.)

Read film speed (DIN or ASA) from film carton and transfer it to camera by turning appropriate dial (using a coin) until correct number stands opposite triangle (18 DIN or 50 ASA in figure). Now your Optima is ready for the first picture.





**for landscapes
with a foreground**

**for groups (distance
approx. 11½ feet)**





DISTANCE

Before taking a picture you must set the correct distance. Turn the front ring until the relevant symbol faces the white dot.

These three symbols simplify focusing.

In addition, the distances from $3\frac{1}{4}$ ft. (1 m) to infinity (∞) are marked on the lower part of the front ring.

White figures = meters

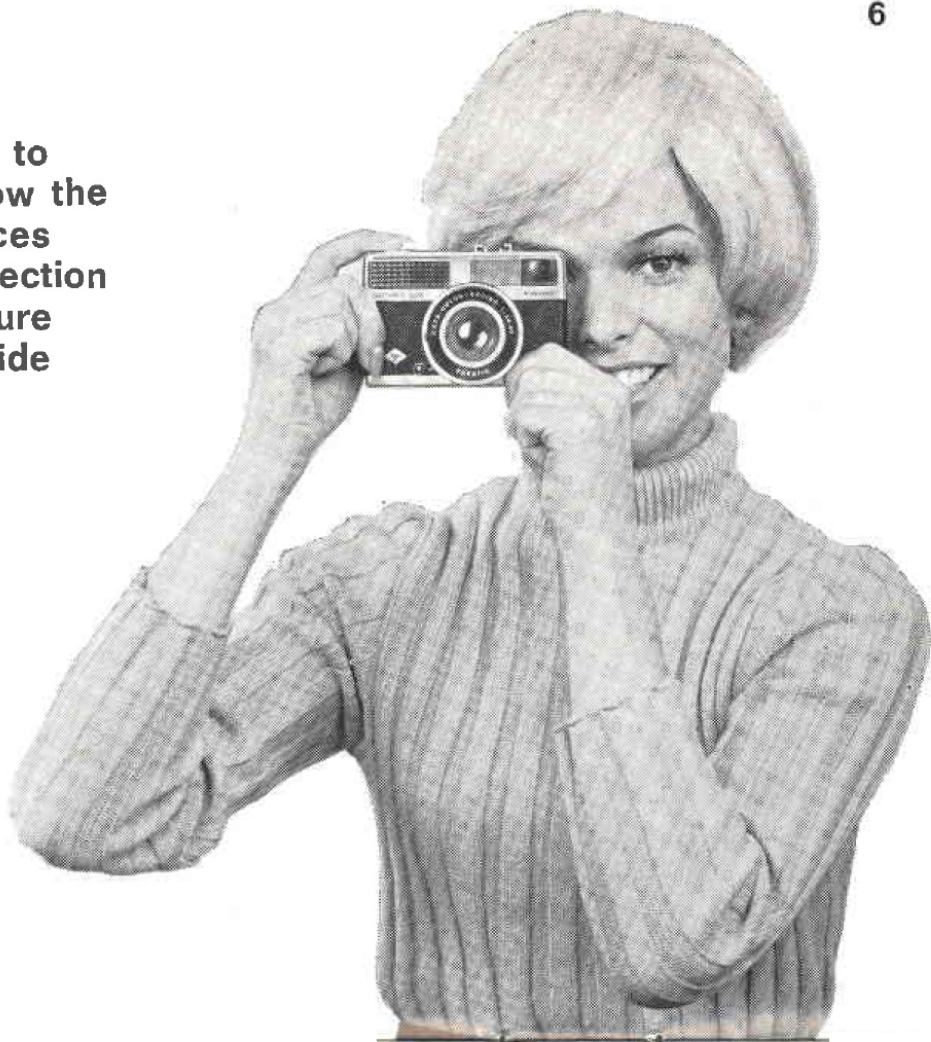
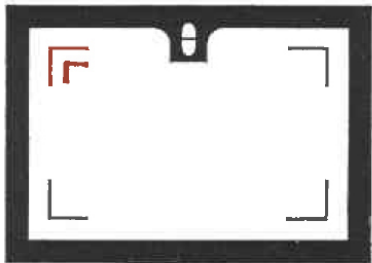
Green figures = feet



**for portraits
(distance approx. 5 feet)**

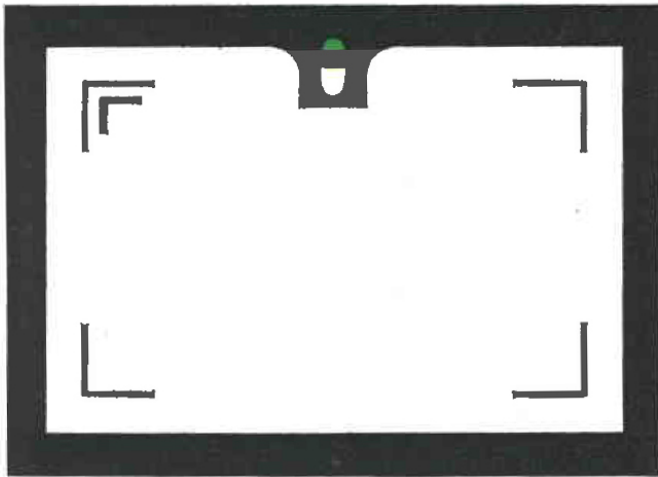
VIEWFINDER

Always hold the camera close to your eye. The bright lines show the exact picture area. For distances between $3\frac{1}{4}$ and 5 ft. the correction mark (shown in red on the figure below) forms the upper and side borders of the subject.



AUTOMATIC EXPOSURE CONTROL

The correct exposure is set automatically. With the camera ready for the photograph, i. e. the film having been wound, the signal in the viewfinder indicates whether the light is sufficient for this exposure:



Green: the photograph will be exposed correctly.

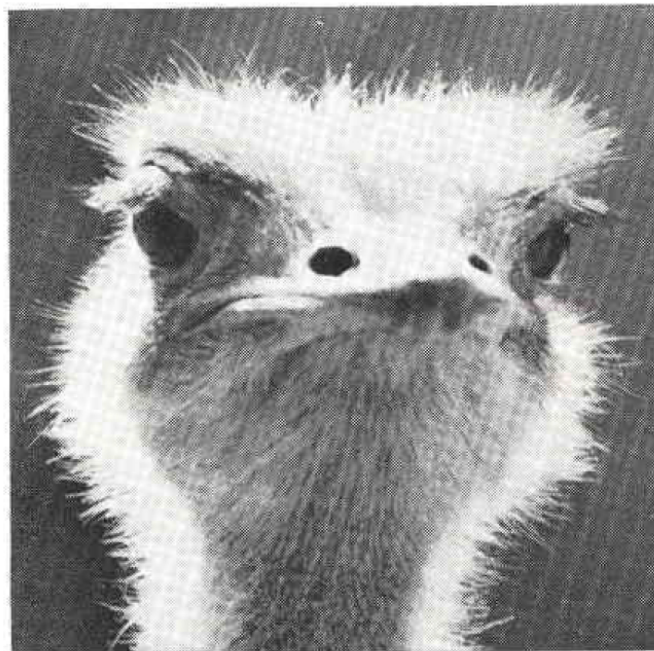
Red: there is not enough light. (You will get good results when using a flashgun, see pp. 12-14 "Automatic flash control".)

After having released the shutter, turn the quick wind lever to the far left and let it return to its original position: the Optima is ready again. Double and blank exposures are prevented by a lock.



**CLOSE-UPS BETWEEN 16 AND
27½ INCHES (40-70 cm)**

can only be made with a close-up lens. You will also need an additional viewfinder as the camera viewfinder no longer shows the correct picture area. Please ask your dealer for the Natarix lens (order No. 6711/320) and the Natarix Universal viewfinder (order No. 6722/100).





Always go as close to your subject as possible!

10





AUTOMATIC FLASH CONTROL

The automatic flash control is switched on by sliding a flash unit with shoe contact into the accessory shoe of your camera. Within a range of $3\frac{1}{4}$ to approx. $16\frac{1}{2}$ ft. all pictures will be correctly exposed if the focusing ring is turned to the required distance.

Provided you always work with films of identical speed and with the same flashgun, you need to set the guide number only once. The notch on the small lever (on the lower part of the lens barrel) must face the guide number.

LZ = guide number for meters
GN = guide number for feet



Where to find the guide number?

It is printed in the instruction manual for electronic flash units or on the package of flashbulbs. Be always sure, however, to take into account the film speed.

If you cannot determine the guide number this way, read the lens stop indicated on the back of the

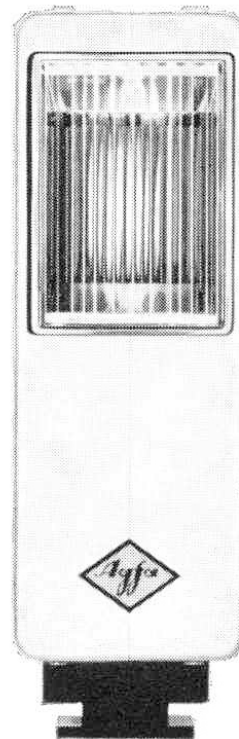


flashgun or on the package of flashbulbs for a distance of 10 feet, always taking into account the film speed. Multiply the lens stop by 10 (guide number = lens stop x distance) and the value obtained will be the required guide number. Should you use a computer flash, please switch off its automatic control as the Optima has its own automatic flash control.

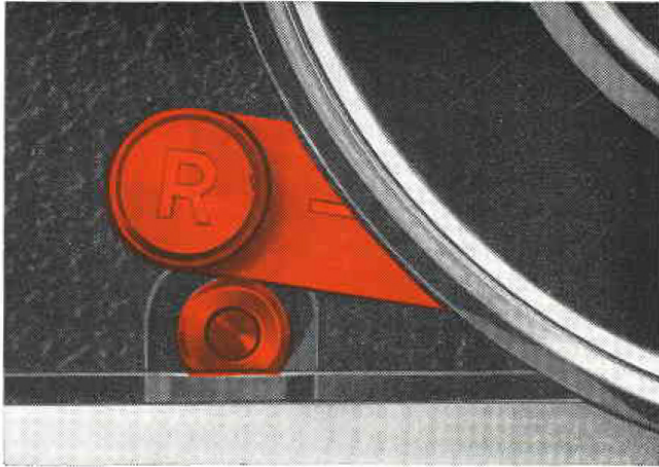
For flashguns with a synchronization cord you will need the Agfa flash adapter (order No. 6793), available at your dealer's.



**AGFATRONIC
160 A**



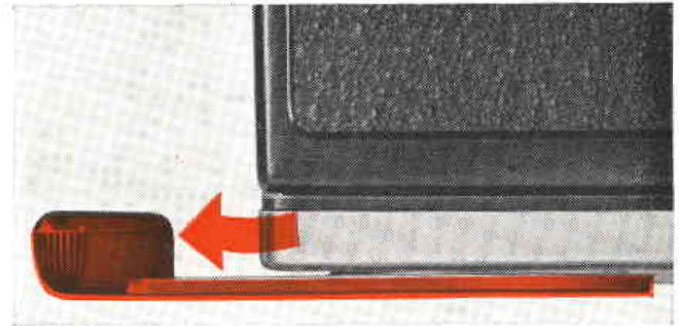




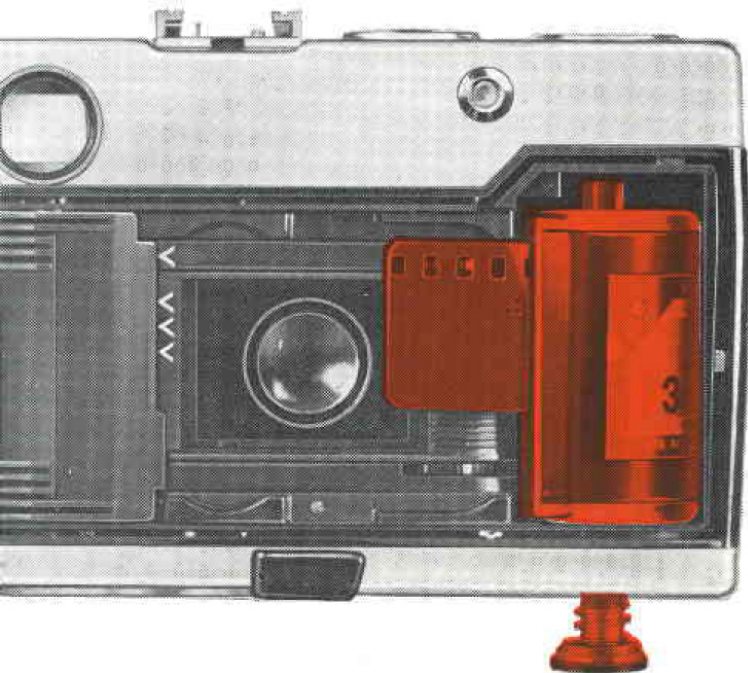
The quick wind lever is now being used for rewinding the film; always make full strokes. The frame counter counts backwards. When the "A" appears in the counter window you may open the back, take out the film cassette and wrap it light-tight.

REWINDING THE FILM

After the last exposure, the frame counter shows the number 36 or 20, respectively. Now the film has to be rewound into its light-tight cassette. Push the R-lever first towards the lens barrel and then upward (see arrow) where it locks.



By opening the back, the camera is automatically set to forward transport again. The frame counter needs no resetting.



IMPORTANT

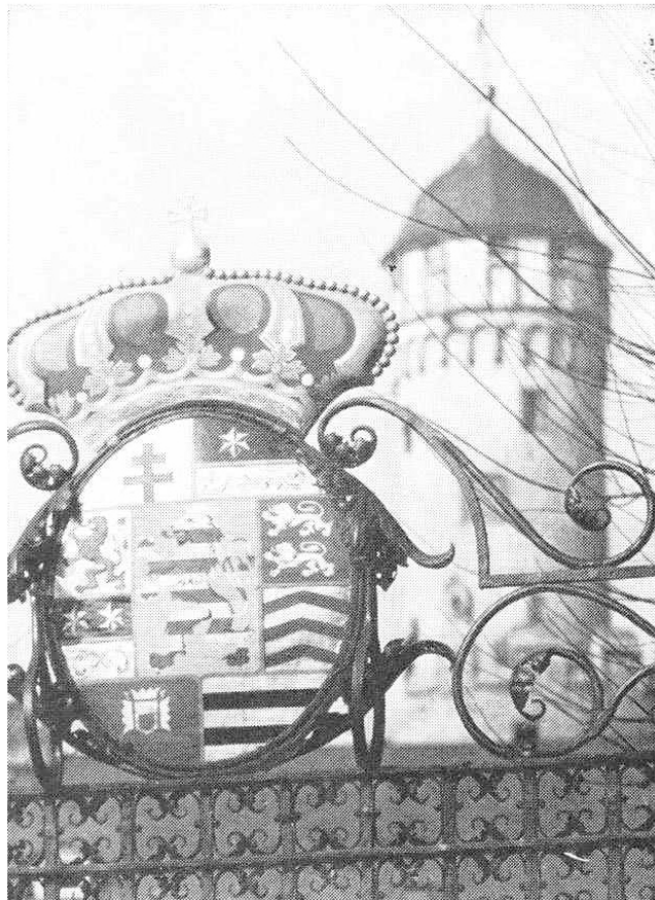
In case the end of the film is accidentally pulled out of the cassette, the whole film will be underneath the lid of the take-up reel. The camera may then be opened in the dark only. It is best to see your dealer who will open the lid in the darkroom by pushing it towards the back and lifting it upward. The lid cannot be removed entirely but has to be placed in position again before closing the camera back.





HINTS FOR GOOD PICTURES

Always use brand films. Agfa-Gevaert (Agfa or Perutz) films guarantee constant quality.

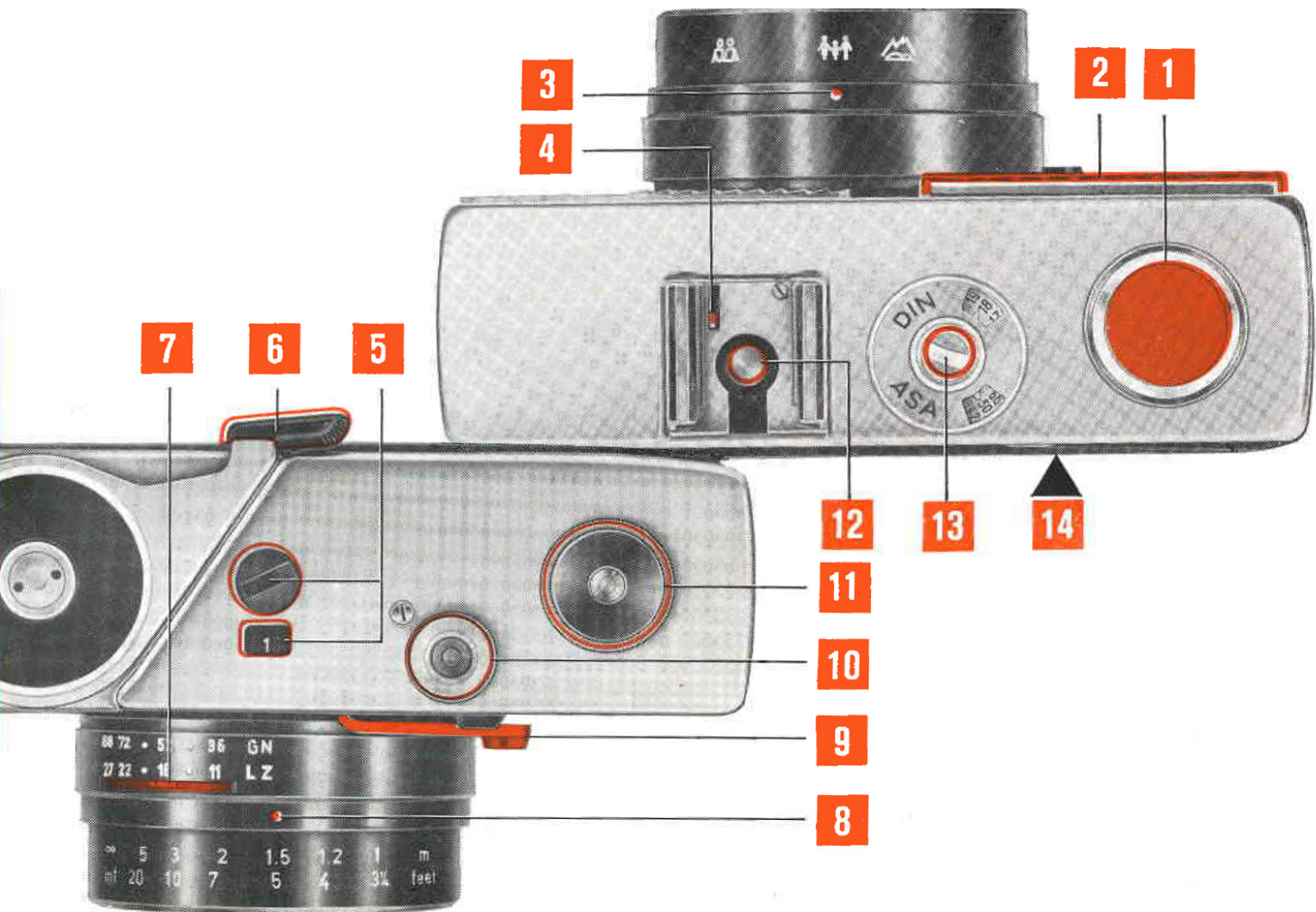


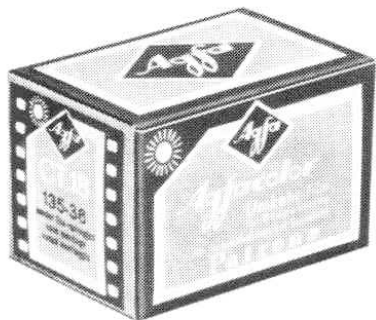
Always look out for a favourable position of the sun. Front light produces flat looking pictures whereas side light creates three-dimensional effects.

On black and white films clouds appear brighter if you use the Agfa yellow filter (32 mm in diam.). The film speed setting must then be reduced by 2-3 DIN values. At high altitudes and at the sea, the use of the Agfa UV filter or the Agfa R 1.5 Skylight filter (push-on mount, 32 mm in diam.) is recommended to eliminate the invisible ultra-violet rays prevailing there. The film speed setting needs no change with either filter.



- 1 RED SENSOR SPOT
- 2 EXPOSURE METER WINDOW
- 3 INDEX FOR FOCUSING SYMBOLS
- 4 LEVER FOR AUTOMATIC FLASH CONTROL
- 5 FRAME COUNTER WITH SETTING DIAL
- 6 QUICK WIND LEVER FOR FILM ADVANCE AND REWINDING
- 7 SETTING LEVER FOR GUIDE NUMBERS
- 8 INDEX FOR METERS OR FEET
- 9 R-LEVER FOR REWINDING
- 10 TRIPOD THREAD
- 11 FILM KEY
- 12 SHOE CONTACT FOR FLASH UNITS
- 13 DIAL FOR SETTING FILM SPEED (DIN or ASA)
- 14 SOCKET FOR CABLE RELEASE OR SELF-TIMER





For color prints we recommend the Agfacolor negative film CN S or the Agfacolor negative film CN 17 Universal, from which color as well as black and white prints can be obtained.

Your precious slides are well protected in Agfa slide frames K or W.

Do you know the bright and stylish Agfacolor 50 slide projector? Your photo dealer will be glad to show it to you.

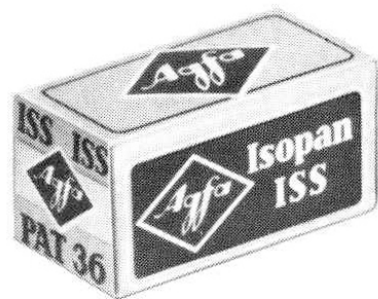
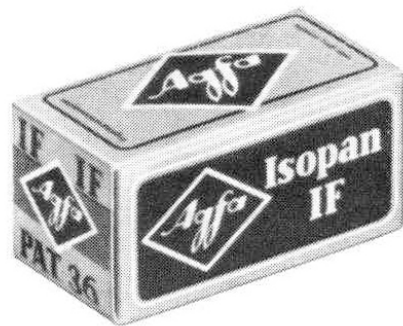


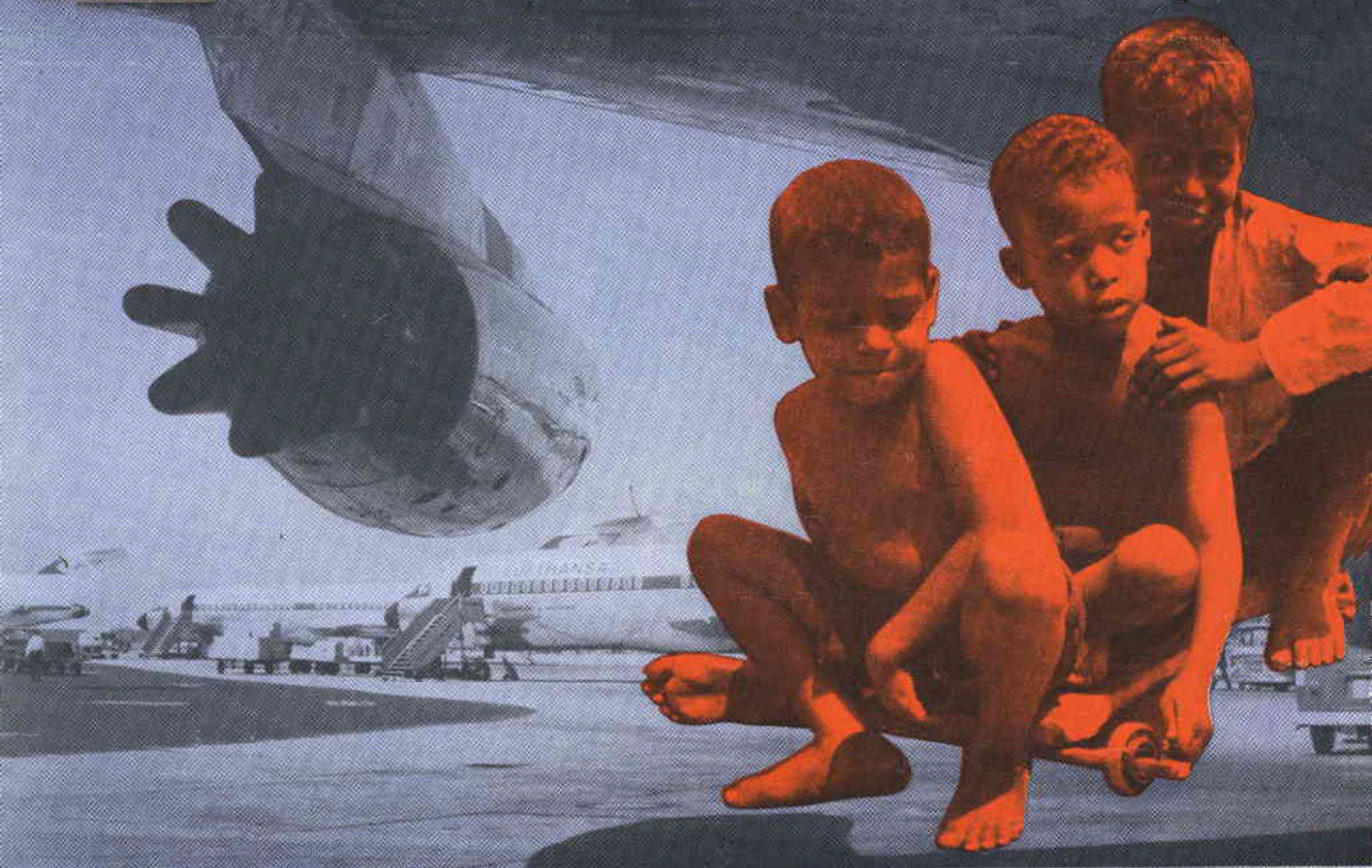
For color slides use Agfacolor reversal film CT 18 (called Agfachrome CT 18 in the U.S.A. and Canada) or Perutz C 18 in daylight or with flash and Agfacolor CK in artificial light. You can also get color prints (so-called CT prints) from your mounted slides.

For black and white prints we recommend the Agfa Isopan IF or Perutz 17 featuring fine grain and contour sharpness. In cloudy weather or for sports photography the high speed Agfa Isopan ISS or Perutz 21 are the right films.

All of these films are available for 20 or 36 exposures in the negative size of 24 x 36 mm.

Your photo dealer will gladly assist you.





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