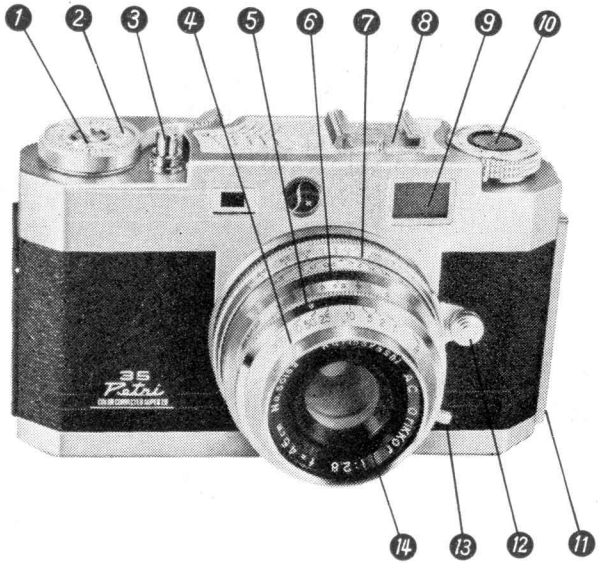
PETRI 35 camera

INSTRUCTION Book

Kuribayashi Camera Industry, Inc.

DESCRIPTION OF PARTS



1. FILM NUMBER INDICATOR
2. FILM WINDING LEVER
3. SHUTTER BUTTON
4. SHUTTER SPEED DIAL
5. IRIS DIAPHRAGM RING
6. DEPTH GUIDE
7. DISTANCE DIAL
8. ACCESSORY CLIP
9. COUPLED RANGE FINDER
10. FILM REWIND KNOB
11. BACK COVER LOCK
12. HELICOID FOCUSING LEVER
13. SYNCHRO TERMINAL
14. ORIKKOR LENS, COLOR CORRECTED

PETRI 35 camera

By any standard of comparison your PETRI 35 is superior by far to any other camera of comparable price.

In every mechanical and electronic detail it is skillfully engineered to give you countless hours of pride and pleasure. *In the PETRI 35 we present to you over forty years of camera manufacturing experience and assure you that only the finest of workmanship and materials have gone into the making of it. Your camera was thorouhly inspected and tested before it was shipped from our factory.*

Just like you must learn the "feel" of a new automobile before you know what it can do so you must acquire the "feel" of a new camera before you can operate it properly. Try holding your PETRI 35 in the various positions shown on page 12 of this booklet. Try cocking it, composing your picture and snapping the shutter several times without film in your camera. Don't rush into taking your first picture before knowing exactly how to do it.

Follow carefully the instructions in this booklet and remember as you become familiar with your PETRI 35, it will become faithful to you.

CARPERU SHUTTER

The highest degree of engineering skill was applied here to give you accurate shutter readings from 1 to 1/300 seconds, including B setting for time exposure. Five bladed shutter insures unerring working action.

The PETRI 35 CARPERU shutter features highly sensitive release action and is built to withstand the rigors of years of usage.

The shutter of the camera is cocked at the same time that the film is advanced. This simultaneous action makes for quick and sure preparedness at all times.

Your PETRI 35 also offers faultless built-in synchronization which is desired by every camera owner.

All these features combined with elegant styling and design make this camera one of the most desired on the market today.

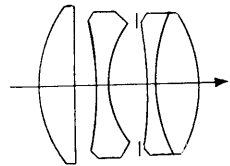
ORIKKOR LENS

Critically sharp and fully color corrected the Orikkor lens insures you of the highest fidelity and constant uniformity on all surfaces of your film.

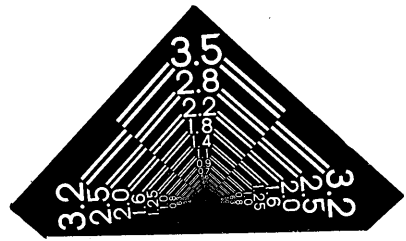
The Orikkor lens is amber coated for correct admission and division of light.

The finest of optical glass goes into the making of these lenses.

ORIKKOR LENS F/2.8



TEST CHART



Uniformity of fidelity is most important in a camera lens.

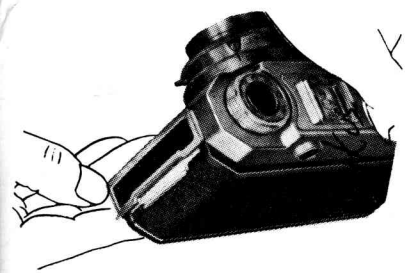
To insure this the Orikkor F/2.8 4.5 cm lens is covered with a fine amber coating but only after it has been subjected to the most stringent of laboratory tests. These include tests for uniformity of fidelity, sensitivity to focus movement, sharpness of figure and adaptability to color pictures.

Rapidity and Ease of Shooting

Your PETRI 35 has been especially designed for rapidity and ease of shooting a picture and for accuracy.

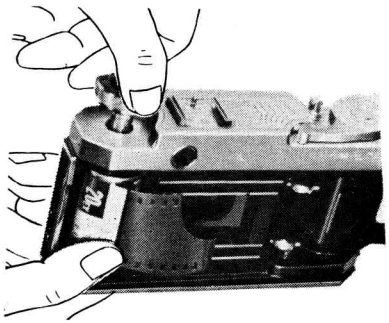
Conducive to these the camera offers a coupled range finder window through which the images can be quickly and faultlessly focused and the simultaneous cocking of shutter and advancement of film that is incorporated in one movement of the film wind-

These two double quick actions combine to give the PETRI 35 that extra something that is desired by all camera lovers.



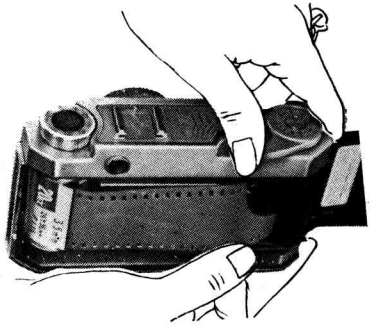
OPENING THE BACK COVER

Pull out the lever to open the cover.



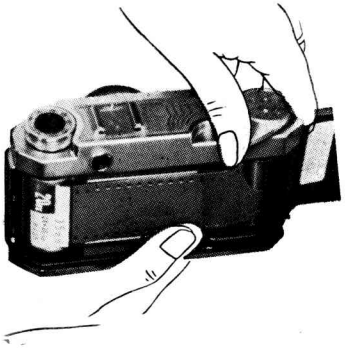
FILM LOADING (A)

Load with the magazine as shown in the picture.



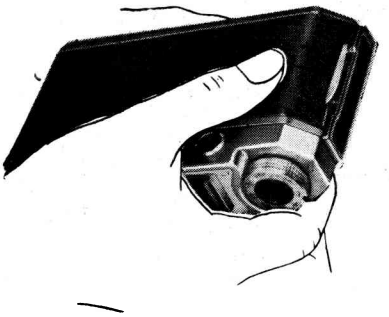
FILM LOADING (B)

Place the end of the film into the slot of the take-up spool.



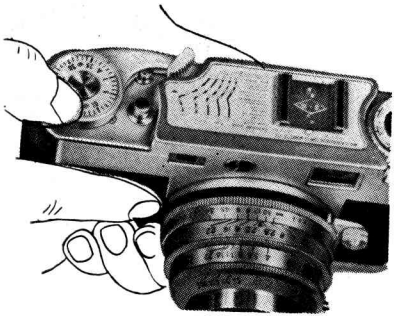
FILM LOADING (C)

Wind the film up until the both slits on either side of the film lock to the cog wheel.



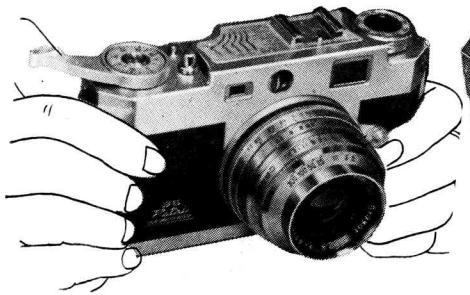
CLOSING THE BACK COVER

Back cover will automatically be closed by pushing it as indicated in the picture.



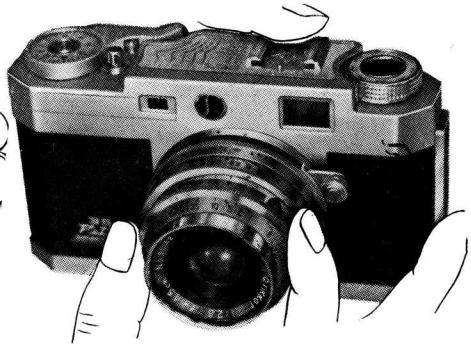
FILM COUNTER (A)

Turn the film counter dial until the "A" is opposite the red indicator point



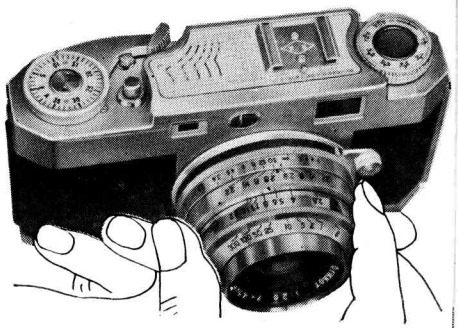
FILM COUNTER (B)

Cock the camera by turning the film winding lever and press the shutter button. Repeat this operation again, then turn film winding lever and you are ready to snap your first picture. (The number "1" will be opposite the red indicator point.)



SETTING EXPOSURE (A)

Shutter speed is determined by turning the shutter dial.



SETTING EXPOSURE (B)

Turn the iris lever to the required lens opening.

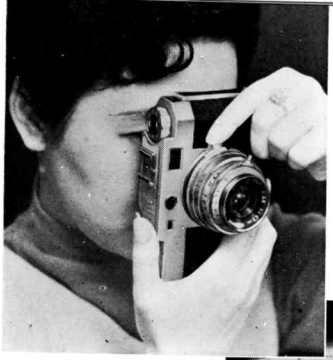
Note: Film winding lever must be advanced until it stops to insure full advancement of film.

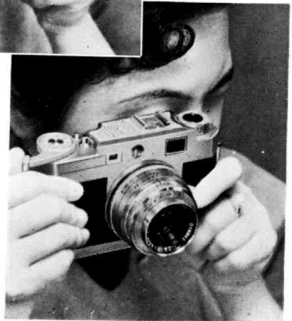
How To Hold Your PETRI 35

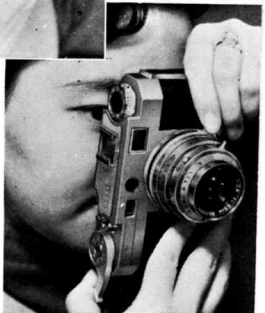
It is important to learn how to hold the camera properly before taking your picture. Camera must be held steady and as near to the eye as possible.

Be sure that you see all four sides of the range finder window on the front of your camera when peeping through the eyepiece on the back. Compose your picture well within the four sides of range finder window. Photographs here show various correct ways of holding your PETRI 35 camera.

Peep through the view finder eyepiece and compose your picture well within the four sides of the range finder window. Turn helicoid range finder lever until images appear as one. Hold camera steady, then gently and firmly snap your picture.

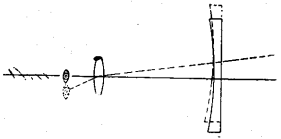






How To Look Through The Range Finder Window

Remember that no matter how well a camera is designed or constructed it cannot insure perfect pictures without the help of the human eye. *When composing your picture get your eye close enough to the viewfinder eyepiece* so you can see all four sides of the range finder window at the same time. Compose your picture well within these four sides, *turn helicoid range finder lever until images appear as one*, hold camera steady and then gently, but firmly snap your picture.



If you wear eyeglasses it may be impossible for you to get your eye close enough to the view finder eyepiece so as to see all four sides of the range finder window on the front of your camera. ***In this case try viewing your picture with your eyeglasses removed.*** If you cannot do this you must practice shifting your camera around so as you know approximately where the four sides of the range finder window are and compose your picture accordingly. With practice this can easily be done.

After Taking The Pictures

Refer to the guide at right which shows the proper lens openings and shutter settings applicable for the various seasons of the year. Adjustments will vary in accordance with the time of day, brightness of subject and kind of background.

Remember that utmost care must be taken to properly expose each of the pictures in your 35mm roll because corrections for over or underexposure cannot be made when your roll film is developed.

SEASON / MONTH / SUBJECT	SPRING	SUMMER	AUTUMN	WINTER
	Mar. Apr. May	*June July Aug.*	*Sept. Oct. Nov.*	*Dec. Jan. Feb.*
Bright Subjects	*F. 16 Sec. 1/300*	*F. 22 Sec. 1/300*	*F. 16 Sec. 1/300*	*F. 11 Sec. 1/300*
Average Subjects	*11 1/300*	*16 1/300*	*11 1/300*	*8 1/300*
Shaded Subjects	*4 1/100*	*4 1/100*	*4 1/50*	*4 1/25*
Weather	*Fair*	*Cloudy (Slight)*	*Cloudy*	*Cloudy (Heavy)*
	Standard	*2 Times*	*3 Times*	*4 Times*
Time	*10 am-2 pm*	*9 am-10 am 2 pm-3 pm*		*8 am-9 am 3 pm-4 pm*
	Standard	*2 Times*		*3 Times*
Film	*ASA 100 H.S. Pan*		*ASA 50 Pan*	
	Standard		*2 Times*	

The accuracy of any 35 mm camera lens should be very high as the negative size is frequently multiplied to achieve suitable enlargements. *To achieve this only the finest of ingredients and the most modern techniques have gone into the development of the Orikkor lens.* The generous depth of field makes it most suitable for spontaneous snapshots. The superior features of the Orikkor lens include the following :

1. Perfect picture from as near as 2 feet.
2. Color corrected lens element to assure finest pictures.
3. Interior reflection preventive devised for true color reproductions.

The PETRI 35 with its superior lens will assure you perfect pictures all the time.

PETRI camera

Application of the Depth Guide

The depth of focus of any camera will vary according to its focal length (distance from film plane to lens) and the aperture or lens opening. ***The lens with the shorter focal length will have more depth while the longer focal length will have less.*** Your PETRI 35 is equipped with a Depth of Field Scale which will aid you greatly in bringing your subject into proper focus for quick snap shots.

Become familiar with the Depth of Field Scale on your camera as quickly as possible and enjoy its wonderful adaptability.

Classification		Panchro Exposure Times	Efficacy
Code	Color		
UN	Color-less	1	*Distinct negative will be obtained by absorbing the ultraviolet rays. The filter is especially used for color picture.*
YZ	Yellow	2 Times	*The white clouds appear clearly as the blue color is absorbed. Filter is suitable for red, yellow and green subjects.*
GY	Greenish Yellow	2 Times	*The fresh colors are developed in taking the colorful subject by panchro film. Especially conducive to the subject with a sky background.*

ORIKKOR 1 : 2.8 f = 45 mm

Depth Guide

Feet \ F	2.8	4	5.6	8	11	16	22
2	2.06~1.93	2.10~1.90	2.14~1.87	2.20~1.82	2.30~1.77	2.47~1.67	2.70~1.59
2.4	2.50~2.30	2.54~2.26	2.61~2.22	2.71~2.15	2.85~2.06	3.12~1.94	3.36~1.82
2.8	2.94~2.67	3.00~2.62	3.10~2.56	3.22~2.46	3.36~2.30	3.84~2.20	4.50~2.03
3.4	3.61~3.21	3.70~3.14	3.84~3.04	4.08~2.91	4.42~2.76	5.12~2.55	6.30~2.33
4.5	4.83~4.18	5.07~4.04	5.35~3.75	5.80~3.68	6.50~3.44	8.17~3.12	11.70~2.79
6	6.72~5.43	7.10~5.22	7.62~4.95	8.60~4.62	10.03~4.24	15.10~3.74	35.50~3.28
8	9.34~7.00	10.00~6.71	11.15~6.24	13.40~5.70	18.00~5.15	42.00~4.43	∞ ~3.79
12	15.20~10.10	17.30~9.20	21.00~8.40	30.80~7.45	75.40~6.54	∞ ~5.42	∞ ~4.50
30	65.00~19.50	76.70~16.90	∞ ~14.40	∞ ~11.80	∞ ~9.61	∞ ~7.45	∞ ~5.75
∞	∞ ~55.40	∞ ~38.80	∞ ~27.70	∞ ~19.40	∞ ~14.10	∞ ~8.40	∞ ~7.00

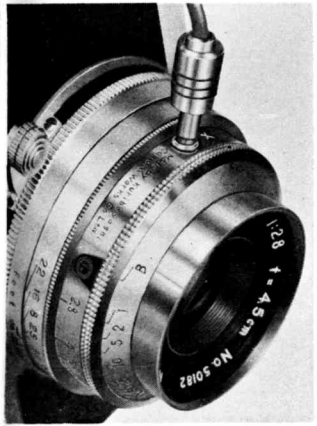
Taking Your Flash Picture

The aperture opening of your camera in flash photography is determined by the distance from your flash bulb to your subject.

All flash bulb manufacturers issue guide numbers with their flash bulbs. ***Divide the guide number by the distance in feet from your bulb to your subject aud you will have the correct aperture opening;***

At right is a simple exposure chart for use with the popular Midget type flash bulbs.

Synchro Standard Exposure



Distance between Flash bulb and Subject	Feet						
	4.5	6	8	12	15	18	
Midget Flash Bulb	Focus						
	16	11	2	5.6	4.6	4	

Above guide is effective for :

Film : XX, SS, USS, (ASA 100)

Shutter Speed : 1/50 sec. or 1/25 sec.

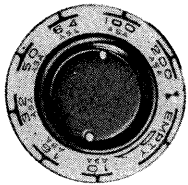
Before taking flash pictures be sure that the flash equipment you use is in good working condition.

If you are using dry batteries be sure they are fresh at all times.

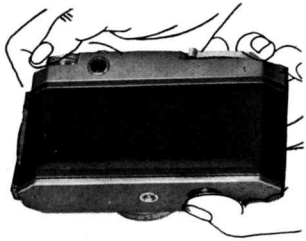
Be certain there is no short in your flash and always test the circuit first before taking your picture.

The PETRI 35 has "X" synchronization that is adaptable to Strobe or electronic flash systems.

Film Indicator

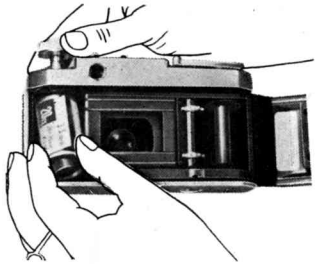


The film indicator of the PETRI 35 shows the type of film that is in the camera at all times. *Remember to set it correctly when you load your camera* It has six distinct settings for the six most popular films.



RE-WINDING FILM BACK

Rewind the film by pressing the returning button located on the bottom of your camera.

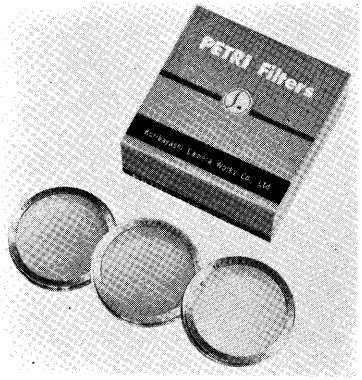


REMOVNG FILM

Pull the rewind knob out to remove the magazine.

Development of your pictures

It is important that you develop your film as soon as possible after taking your pictures. At high temperatures, *especially in the Summer your film may spoil if left in an undeveloped condition* for too long a time. Be especially careful not to keep your undeveloped film in a damp place.



PETRI Filters

In order to insure perfect pictures in all kinds of light conditions it will be necessary for you to choose the proper filters for your camera. ***PETRI filters manufactured of the highest quality optical ingredients and subjected to the most rigid inspection tests*** are available for your camera. There are three types to choose from as follows :

1. For Common and Color pictures U. V.
2. For pictures in Open Spaces Y. Z.
3. For Portraits G. Y.

How To Take Care of Your PETRI 35

You must remember that your PETRI 35 is a delicate precision instrument and rough handling and shock must be avoided at all times. Two very important points to remember are:

1. *Do not turn the shutter speed dial after the shutter is cocked.*
2. *Do not store the camera away with the shutter in a cocked position.*

Keep your camera always in a dry place when not in use.

Periodically clean the camera body with a soft brush and keep the lens surface spotless with soft cleansing tissue.