

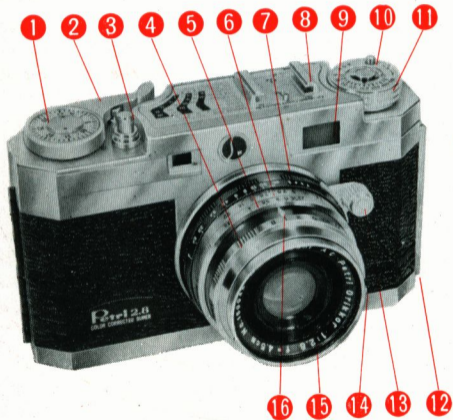


INSTRUCTION BOOK



Petri 2.8

DESCRIPTION OF PARTS



Petri 2.8

- 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 REWINDING CRANK
- 11 FILM INDICATOR
- 12 BACK COVER LOCK
- 13 HELICOID FOCUSING LEVER
- 14 SYNCHRO TERMINAL
- 15 COLOR CORRECTED ORIKKOR LENS
- 16 SHUTTER SPEED & IRIS DIAPHRAGM SETTING POINT (WHITE)

A yellow circle containing the text 'Petri 2.8'.

Petri

2.8

By any standard of comparison your PETRI 2.8 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 2.8 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 thoroughly 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 2.8 in the various positions shown on page 12 of this booklet. Try cocking it, composing your picture and snapping the shutter several times without loading film. 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 2.8 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.

Petri 2.8

The PETRI 2.8 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 2.8 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.



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.

Uniformity of fidelity is most important in a camera lens.

To insure this the Orikkor F/2.8 4.5cm lens is covered especially with a fine amber coating for color pictures 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.

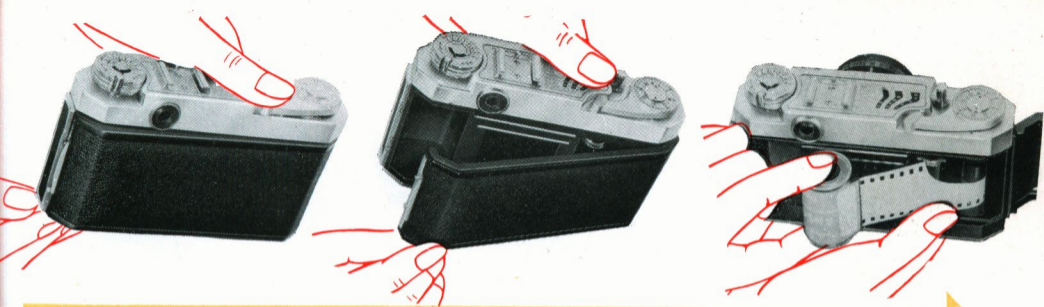
Rapidity and Ease of Shooting

Your PETRI 2.8 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 winding lever.

These two double quick actions combine to give the PETRI 2.8 that extra something that is desired by all camera lovers.

Care and Handling

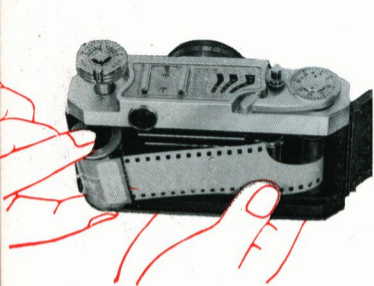


OPENING THE BACK COVER

Pull out the lever to open the cover.

FILM LOADING (A)

Place the end of the film into the slot of the takeup spool.



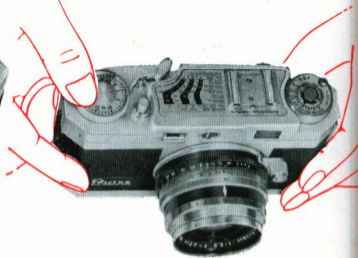
FILM LOADING (B)

Load with the magazine as shown in the picture.



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.



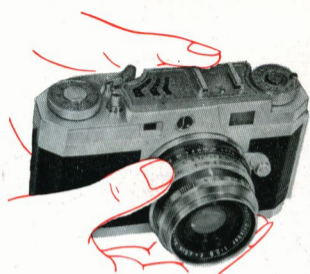
FILM COUNTER (B)

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 to be set at the white setting point.



SETTING EXPOSURE (B)

Turn the iris lever to the required lens opening to be set at the white setting point same as the shutter speed setting.

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

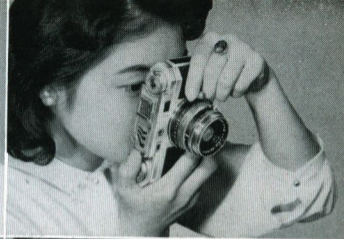


How
to
Hold

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 side 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 2.8 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 press the shutter button.



Wrong

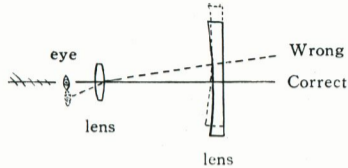


Correct



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.

Seasonable Settings

Refer to the guide 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 under-exposure cannot be made when your roll film is developed.

Petri 2.8

SEASONABLE EXPOSURE GUIDE



SEASON MONTH	SPRING			SUMMER			AUTUMN			WINTER		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
SUBJECT												
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 Subject	4	1/100		4	1/300		1/50	4		4	1/25	
Weather	Fair			Cloudy (Slight)			Cloudy			Cloudy (Heavy)		
	Standard			2 Times			3 Times			4 Times		
Time	10am-2pm			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					



SUPERIOR FEATURES OF ACCURATE ORIKKOR LENS

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 both in color and white and black.
3. Interior reflection preventive devised for true color reproductions.

The PETRI 2.8 with its superior lens will assure you perfect pictures all the time.

Petri 2.8

**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 2.8 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.

ORIKKOR 1 : 2.8 F = 45mm

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	4.88~4.18	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	13.10 ~ 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

Classification		Panchro Exposure Times	Efficacy
Code	Color		
UV	Colorless	1	Distinct negative will be obtained by absorbing the ultraviolet rays. The filter is especially used for color picture.
Y2	Yellow	2 Times	The white clouds appear clearly as the blue color is absorbed. Filter is suitable for red, yellow and green subject.
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.



Taking Flash Pictures 1

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 and you will have the correct aperture opening;*

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

Taking Flash Pictures 2



SYNCHRO STANDARD EXPOSURE

Bulb No.	Lumin/sec Light Amount	Class	Lens Aperture				
			F3.5	F 4	F5.6	F 8	F11
SF	8,000 L/S	F	Feet 20 //	Feet 18 //	Feet 13 //	Feet 10 //	Feet 7 //
No.3	14,000 L/S	M	27 //	24 //	16 //	12 //	9 //
No.62	14,000 L/S	F.P.	18 //	15 //	10 //	7 //	6 //

FOR EXAMPLE USING THE STANDARD
FLASH BULBS :

Shutter speed : 1/50 or 1/100 sec. Film :S Pan

Note: In case of S. S. Pan, add 50% to
above distances, with the same lens aperture.

Taking Flash Pictures 3

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.

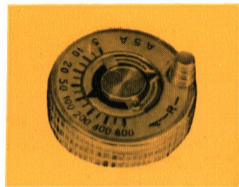
Be certain there is no short in your flash and always test the circuit first before taking your picture.

The PETRI 2.8 has "X" synchronization that is adaptable to Strobe or electronic flash systems.

For standard "F" class flash bulbs use 1/50 sec. or slower. For electronic flash all speeds apply.

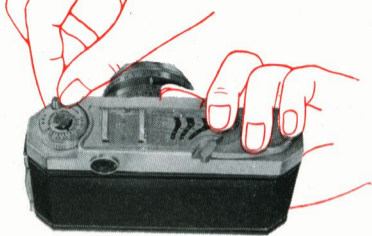


FILM INDICATOR



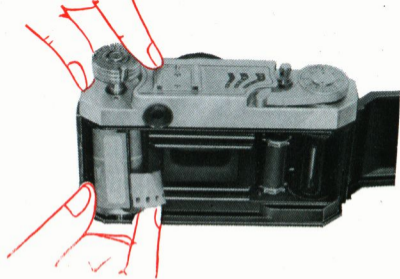
The film indicator of the PETRI 2.8 shows the type of film that is in the camera at all times. *Remember to set it correctly when you load your camera.* It has six distinct settings for the six most popular films.





RE-WINDING FILM BACK

Pull out the rewinding crank handle along the side of the rewinding knob, and rewind the film by pressing the returning button located at the bottom of your camera.



REMOVING FILM

Pull the rewind knob out to remove the magazine.

D

VELOPMENT 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 six types to choose from as follows:

1. For Common and Color pictures HAZE UV
2. For pictures in Open Spaces Y1. Y2
3. Effective for Clearer Contrast YA3
4. For infra-red films R1
5. For Portraits PO1

For Color films

1. For cloudy weather LBW4
2. For morning & Evening LBC4
3. Clear flash bulbs LBC8
4. Studio flood-lamps LLC12



HOW TO TAKE CARE OF YOUR PETRI 2.8

You must remember that your PETRI 2.8 is a delicate precision instrument and rough handling and shock must be avoided at all times. Two very important points to remember are:

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 cleaning tissue.

Petri 2.8



PETRI



THE PETRI LENS HOOD

The PETRI LENS Hood has been carefully designed to prevent stray light from entering your lens.

It is constructed of light alloy metal and is smartly styled to enhance the beauty of your PETRI 2.8 camera.

It fits tightly and securely over the lens rim.

PETRI MAGAZINE

The PETRI Magazine is used, instead of the usual film cartridge, for 100% prevention of films from scarring during the course of winding films.







PETRI

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