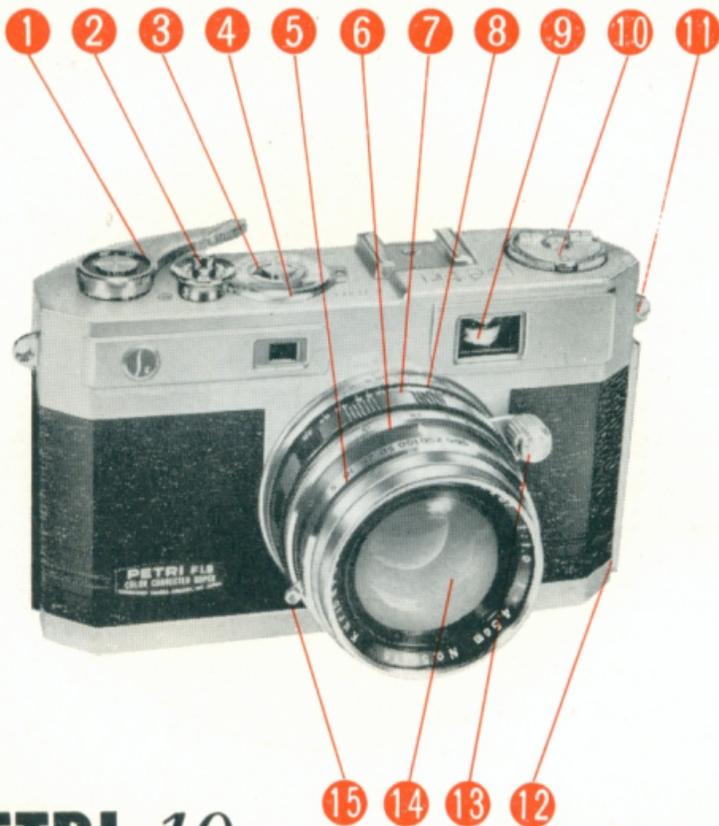


INSTRUCTION BOOK

1.9

PETRI



DESCRIPTION OF PARTS

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

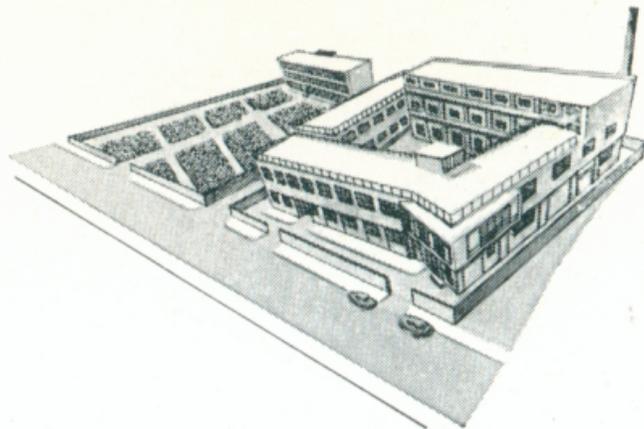
PETRI 1.9



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• THE OUTSTANDING FEATURES OF THE PETRI 1.9	7
• HOW TO LOAD THE PETRI 1.9	8 - 10
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PETRI 1.9



The makers of PETRI cameras have been constantly striving to make a camera that will meet all the requirements of the most particular of camera buyers. *The new PETRI "One Point Nine" represents the culmination of all our endeavors and is presented to you with the hope that it will afford you the same enthusiastic pleasure when using it, as we have received in making it.*

Almost a half century of high precision camera experience has gone into the manufacture of the PETRI "One Point Nine" and it incorporates the same high degree of quality and fine workmanship that have made PETRI cameras famous throughout the world.



The PETRI "One Point Nine" has been carefully designed and manufactured with only one aim in mind, that is to afford the user the ultimate of pleasures that a fine camera can give.

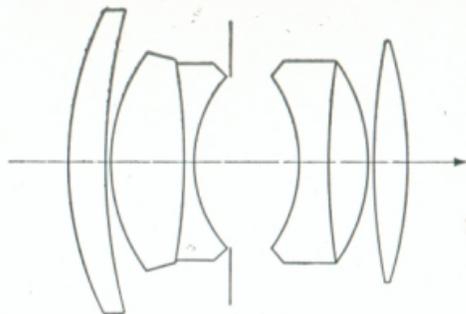
Beauty of design, simplicity of operation and the assurance of perfect pictures at all times plus a new and fresh appearance makes the new PETRI the camera you have always wanted. The compact body with its component parts have been sturdily constructed to give you years of faithful service.

Whether you utilize color film or black and white, indoors or out, with or without flash, you will find the new PETRI "One Point Nine" always equal to the situation and ready to help you make those true to life pictures that you will cherish forever.

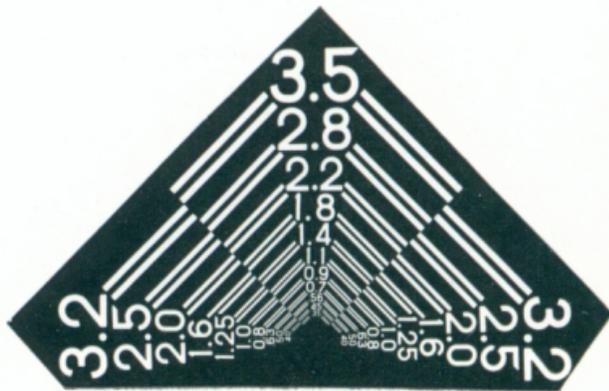


Long respected in the competing fields of fine lenses the name ORIKKOR is now known around the world. Constant research in the design and manufacture of superior lenses have placed the ORIKKOR in a foremost position and the incorporation of this lens into the PETRI camera has been made *only after the most stringent of tests to assure fine lens qualities that cannot be surpassed.*

ORIKKOR LENS F/1.9



TEST CHART





The **ORIKKOR F/1.9 45mm Lens**

The "seeing eye" of any camera is its lens and it requires the utmost of know-how and care to make it right. *The exceedingly fast F1.9 ORIKKOR Lens* of your PETRI camera is composed of six exacting elements, all perfectly engineered to bring you the highest level of optical quality. Lens aberrations have been carefully corrected to insure reproduction of images *"just as you see them"* and a special lens coating process *insures true color* in all your color pictures.



T

HE EASY WAY TO TAKE FINE PICTURES

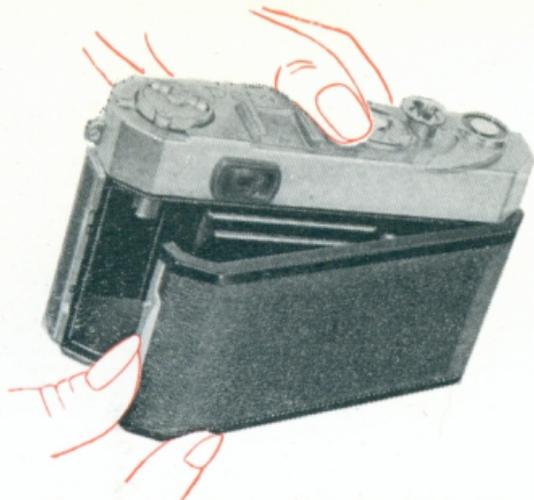
Your new PETRI "One Point Nine" has been especially designed for you to take fine pictures the easy way. All your settings are visible from the top of the camera and the clear image you can always see through the brilliant frame of your view-finder will give you new pleasures in your picture taking. *Follow the directions for operating the PETRI "One Point Nine" very carefully and you will learn the easiest way to take those professional looking pictures that you will be so proud to show to your friends.*





OPENING THE BACK COVER (A)

Pull down the lever with your thumbnail to open the cover.



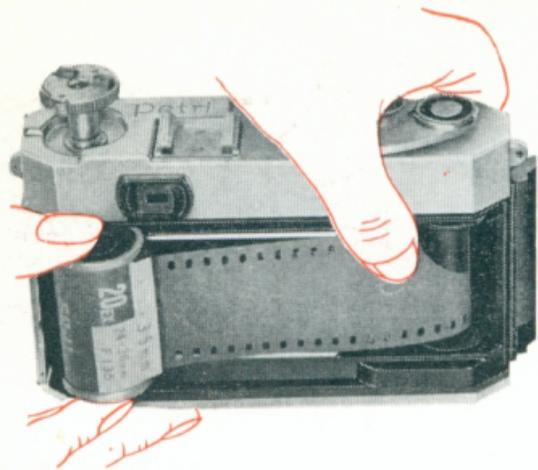
OPENING THE BACK COVER (B)

The cover will be automatically released as shown in the picture.



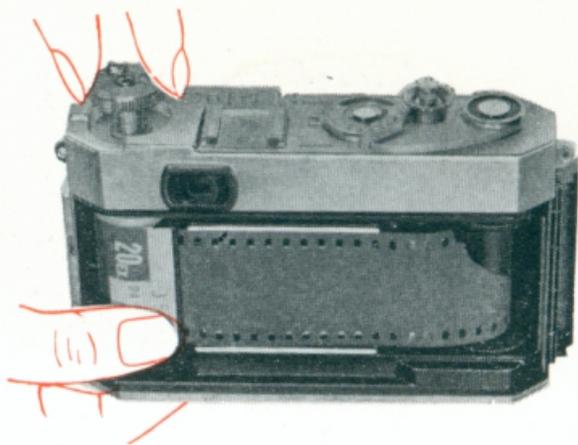
FILM LOADING (A)

Place the end of the film into the slot of the take-up spool. Pull out the film rewind knob on top of camera.



FILM LOADING (B)

Pull the magazine back, letting the film unravel, and set it into the magazine compartment.



FILM LOADING (C)

Push back the film rewind knob to load the magazine.



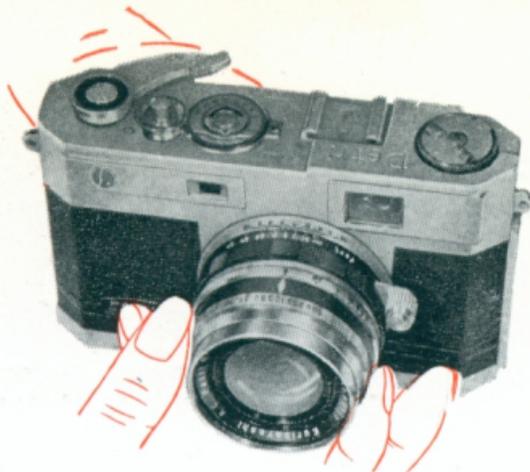
CLOSING THE BACK COVER

Back cover will automatically be closed by pushing it and simultaneously the mark "S" will appear opposite the red indicator point on the film counter.



FILM COUNTER

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



SETTING EXPOSURE (A)

Shutter speed is determined by turning the click-stop shutter dial.



SETTING EXPOSURE (B)

Turn the iris lever to the required lens opening.

NOTE: Do not turn the shutter speed dial after shutter is cocked.

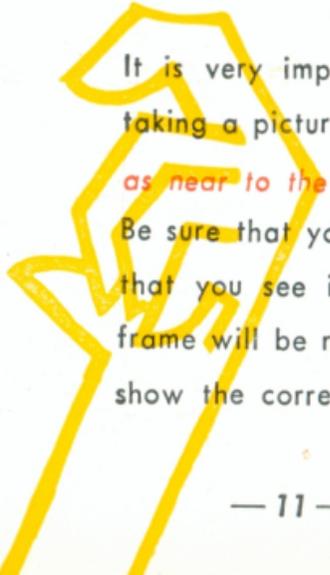
When cocking camera advance the film winding lever fully until it stops to insure full advancement of film.

PETRI 1.9



H

OW TO HOLD YOUR PETRI "One Point Nine"



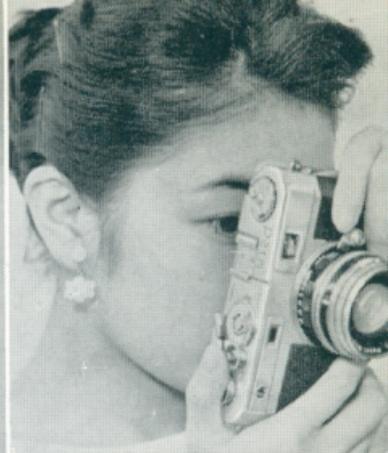
It is very important that you hold your camera properly when taking a picture. *The camera must be held steady at all times and as near to the eye as possible.*

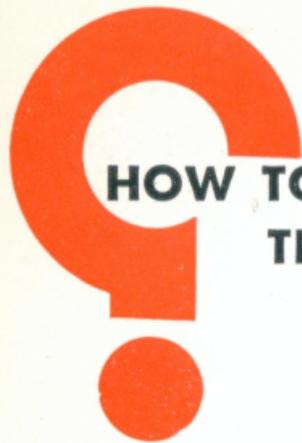
Be sure that you see the image you desire well within the frame that you see in the view finder. All subjects caught within this frame will be reproduced on your film. The photographs at right show the correct ways of holding your PETRI camera.

Look through the viewfinder eyepiece and *compose your picture within the frame*. Turn the helicoid range finder lever until images appear as one in the small rectangle in the center of the frame. Hold camera steady, resting thumb on your cheek, then *gently but firmly snap your picture*.



Wrong Correct





HOW TO LOOK THROUGH THE RANGE FINDER WINDOW

Remember that no matter how well a camera is designed or constructed it cannot take fine pictures without the aid of the human eye. *When composing your picture get your eye close enough to the viewfinder eyepiece so that you can see all four sides of the frame at the same time.*

(If you wear glasses you may have to remove them)

Compose your picture well within these four sides.

Hold camera tightly, then snap picture.



THE DOUBLE CLUTCH FEATURE

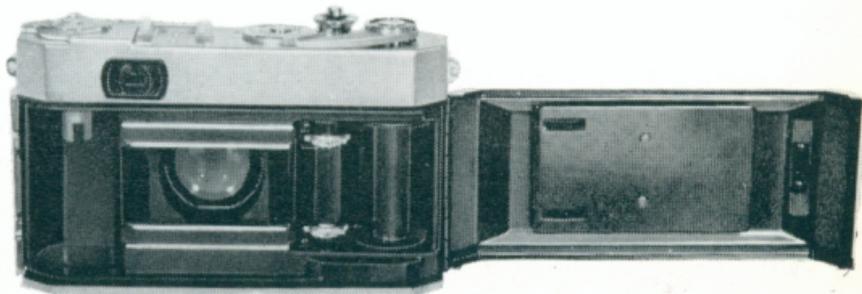
The double clutch feature of the rapid winding lever has been *especially devised to afford quick action when it is desirable.* The lever has been designed so that it may be *kept in a position outside of the line of the camera,* as shown in the photo, so that it can be *pulled back quickly and easily when a succession of fast shots is desired.*

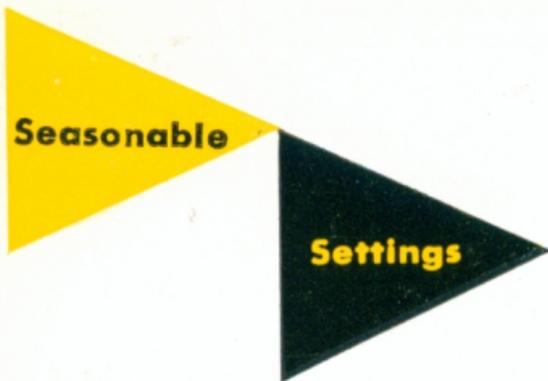
VERSATILE NEW DEVICES

EXTENTION OF THE PRESSURE PLATE & INTERIOR REFLECTION PREVENTIVE MEASURES

In order to keep the film in perfect plane, the pressure plate has been extended to cover the cog wheels.

Interior reflection preventive measures have been carefully taken to *insure true color reproductions.*





Refer to the guide here 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 film because corrections for over or underexposure cannot be made when your roll film is developed.

PETRI 1.9

SEASONABLE EXPOSURE GUIDE

SEASON MONTH	SPRING		SUMMER			AUTUMN			WINTER	
	Mar.	Apr. May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. Feb.
Bright Subjects	F. 16	sec. 1/250	F. 22	Sec. 1/500		F. 16	Sec. 1/250		F. 11	Sec. 1/250
Average Subjects	11	1/250	16	1/250		11	1/250		8	1/250
Shaded Subject	4	1/100	4	1/250		4	1/50		4	1/25
Weather	Fair		Cloudy (Slight)			Cloudy			Cloudy(Heavy)	
	Standard		2 Times			3 Times			4Times	
Time	10 am-2 pm		9 am-10 am			8 am-9 am				
	Standard		2 pm- 3 pm			3 pm-4 pm				
Film	ASA 100				ASA 50					
	H.S. Pan				Pan					
	Standard				2 Times					



PETRI 1.9

ORIKKOR
1:1.9 = 45mm
DEPTH GUIDE

1.9	F Feet	2.8	4	5.6	8	11	16
2.9 ~ 2.7	2.8	2.94 ~ 2.67	3.00 ~ 2.62	3.12 ~ 2.56	3.22 ~ 2.46	3.36 ~ 2.30	3.84 ~ 2.20
3.56 ~ 3.18	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
4.81 ~ 4.12	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
6.66 ~ 5.38	6	6.72 ~ 5.43	7.10 ~ 5.22	5.35 ~ 3.73	8.60 ~ 4.62	10.03 ~ 4.24	15.10 ~ 3.74
9.3 ~ 6.94	8	9.34 ~ 7.00	10.00 ~ 6.71	7.62 ~ 4.95	13.40 ~ 5.72	18.00 ~ 5.15	42.00 ~ 4.43
15.10 ~ 10.02	12	15.20 ~ 10.10	17.20 ~ 9.20	11.15 ~ 6.24	30.80 ~ 7.45	75.40 ~ 6.54	∞ ~ 5.42
63.12 ~ 20.00	20	55.00 ~ 19.50	76.70 ~ 16.90	21.00 ~ 8.40	∞ 11.80	∞ ~ 9.61	∞ ~ 7.45
∞ ~ 56.00	∞	∞ ~ 55.40	∞ ~ 38.80	∞ 27.70	∞ 19.40	∞ ~ 14.10	∞ ~ 8.40



APPLICATION OF THE DEPTH GUIDE

The depth of field is the distance between the furthest and nearest points between which your subject will be in focus.

The depth of focus of any camera will vary according to its focal length (the distance between the film plane and the film), aperture or lens opening and different lens.

The lens with the shorter focal length will have more depth while the longer focal length will have less. Your PETRI 1.9 is engraved 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.



**FLASH
SYNCHRO-
NIZATION**

— 1

PETRI 1.9

The M.X.V. shutter of PETRI 1.9 is provided with synchronization for practically all types of flash bulbs and electronic flash equipment.

- ★ MEDIUM (No.5, 25 and Bantum 8) type flash bulbs may be used to make flash pictures at all shutter speeds. When using these bulbs, place the SYNCHRO SWITCH on the "M" position. At the shutter speed 1/25 sec. or slower, "X" position is also available.
- ★ FAST (SM,SF and SS) type bulbs synchronize perfectly at the shutter speeds from 1 to 1/50 sec.
When using these bulbs the SYNCHRO SWITCH is placed on the "X" position.
- ★ ELECTRONIC Flash Equipment may be used for synchronization at all shutter speeds by placing the SYNCHRO SWITCH on the "X" position. The SELF-TIMER is available by placing the SYNCHRO SWITCH on the "X" position.

**F L A S H
SYNCHRO-
NIZATION — 2**

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 first picture.

The PETRI 1.9 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.



Taking Your Flash Picture

The aperture opening of your camera in flash photography is determined by the distance from your flash 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 subjects, and 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

Bulb No.	Lumin/sec Light Amount	Class	Lens Aperture				
			F 2.8	F 4	F 5.6	F 8	F 11
S F	8,000L/S	F	Feet 20 //	Feet 18 //	Feet 13 //	Feet 10 //	Feet 7 //
No. 3	14,000L/S	M	27 //	24 //	16 //	12 //	9 //
No. 62	14,000L/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 SS Pan
add 50% to above distances
with the same lens aperture.



ILM INDICATOR

PETRI 1.9



The film indicator of the PETRI 1.9 shows the type of film that is in the camera at all times.

Be sure to set it correctly immediately after loading your camera. Numbered settings indicate ASA sensitiveness and correct numbers can be found in the instructions included with the film you purchase.

Note: The exposure counter which is situated in front of the film indicator will automatically return to its starting position "S" whenever the back cover of the camera is opened.

**PIN - POINT
SHARPNESS
OF ORIKKOR
F 1.9 LENS**

PETRI 1.9

The accuracy of any 35mm camera lens should be very high as the negative film is frequently enlarged many times and imperfections hardly visible on the small negative will readily be seen on the enlargement.

The ORIKKOR lens combines the finest of optical ingredients with the most advanced knowledge of optical engineering to bring you a lens that will help you to take those true to life pictures that you will cherish for a lifetime.

The superior features of the ORIKKOR lens include the following:

1. Perfect picture from as near as 2.8 feet.
2. *Color corrected lens elements* to assure finest pictures.
3. Interior reflection preventive devised for true color reproductions.

T

HE SHUTTER OF PETRI 1.9



The five blade action of the shutter of PETRI 1.9 gives you *accurate readings from 1 to 1/500 second*, and includes a bulb setting. The shutter also has *a built-in self-timer and is equipped with M.X.S. synchronization* which is adaptable to all kinds of flash bulbs and electronic flash.

The Shutter Features:

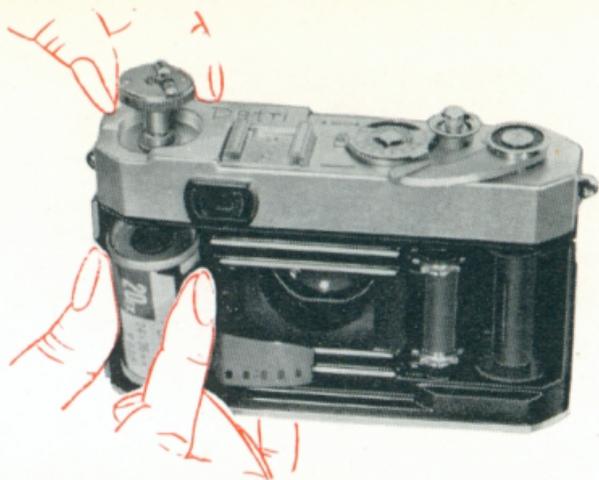
1. Sensitive release action.
2. Faultless construction. *Tested 2,000 times to insure foolproof operation.*
3. Most advanced and accurate M.X.S. synchronization construction.
4. Modern and beautiful styling and design.

NOTICE: Setting the shutter dial incorrectly in the middle way between the Bulb and One second surely hurt your camera. Please set it correctly on any proper graduation appears on the dial.



REMOVING FILM

Pull the rewind knob out to remove the magazine.



RE-WINDING FILM BACK

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

HOW TO REMOVE FILM AFTER SHOTS

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 store your undeveloped film in a damp place.*

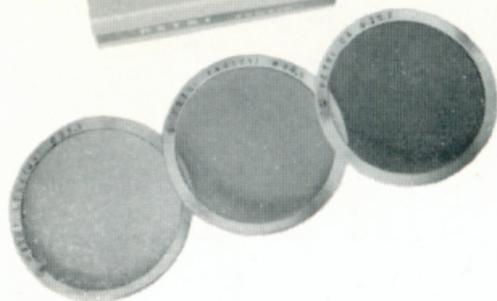
When rewinding the film in the camera *do not wind it completely so that the end of the film disappears completely into the magazine,* for exposed film wound in this manner is sometimes mistaken for film not yet exposed.

PETRI ACCESSORIES

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

It is constructed of light alloy metal and smartly styled to enhance the beauty of the PETRI 1.9 camera.

It fits tightly and securely over the lens rim.



In order to insure perfect picture in all kinds of light conditions it is necessary for you to choose the proper filters for your camera.

The PETRI FILTERS manufactured of the *highest quality optical ingredients* and subjected to the most rigid inspection tests are available for your camera.

The PETRI MAGAZINE has been sturdily constructed *to withstand frequent handling that has been the cause of light leakage* in inferior film magazines. It has been especially designed for the PETRI camera.



PETRI FILTERS

PETRI 1.9

For BLACK and WHITE pictures.

- Y1 - For the landscape with a blue sky as background, portrait, buildings
- Y2 and flowers. Both are especially conducive to the subject of moderate and clear contrast.
- YA3 - It darkens sky and makes subject stand up when taking the mountains and a distant view.
- R1 It blackens sky and exceedingly emphasizes subject which is mostly used for taking the pictures from air plane.
- PO1 - For the colorful subjects and natural texture of the skin and complexion.

For COLOR Pictures:

- UV - It absorbs the ultraviolet rays.
- W4 - For the bluish subjects or the mountains.
- C4 - Especially be used within 2 hours before and after sunset.
- C8 - It absorbs yellow in using the white flash bulb.
- C12 - For the subjects under the flood-lamp or the flood-light (3,200°K)



PETRI 1.9

Care and Handling of Your PETRI 1.9

The efficiency of your camera and its length of life depends mainly on its handling and care.

Treat your PETRI 1.9 with the respect due a fine mechanical, precision instrument.

Know instructions thoroughly before attempting your first picture.

Avoid scratching the lens by keeping the lens cover on when the camera is not in use.

Keep lens surface spotless and dry with soft cleaning tissue.

Avoid finger prints on lens, they effect definition.

Keep inside of camera free from dust and foreign matter.

Do not store camera with shutter in cocked position.

Remember not to turn speed dial after shutter is cocked.

Keep camera in dry place when not in use.

Remember always that although a camera may be designed to take fine pictures, it cannot do so without the proper help from you.



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