

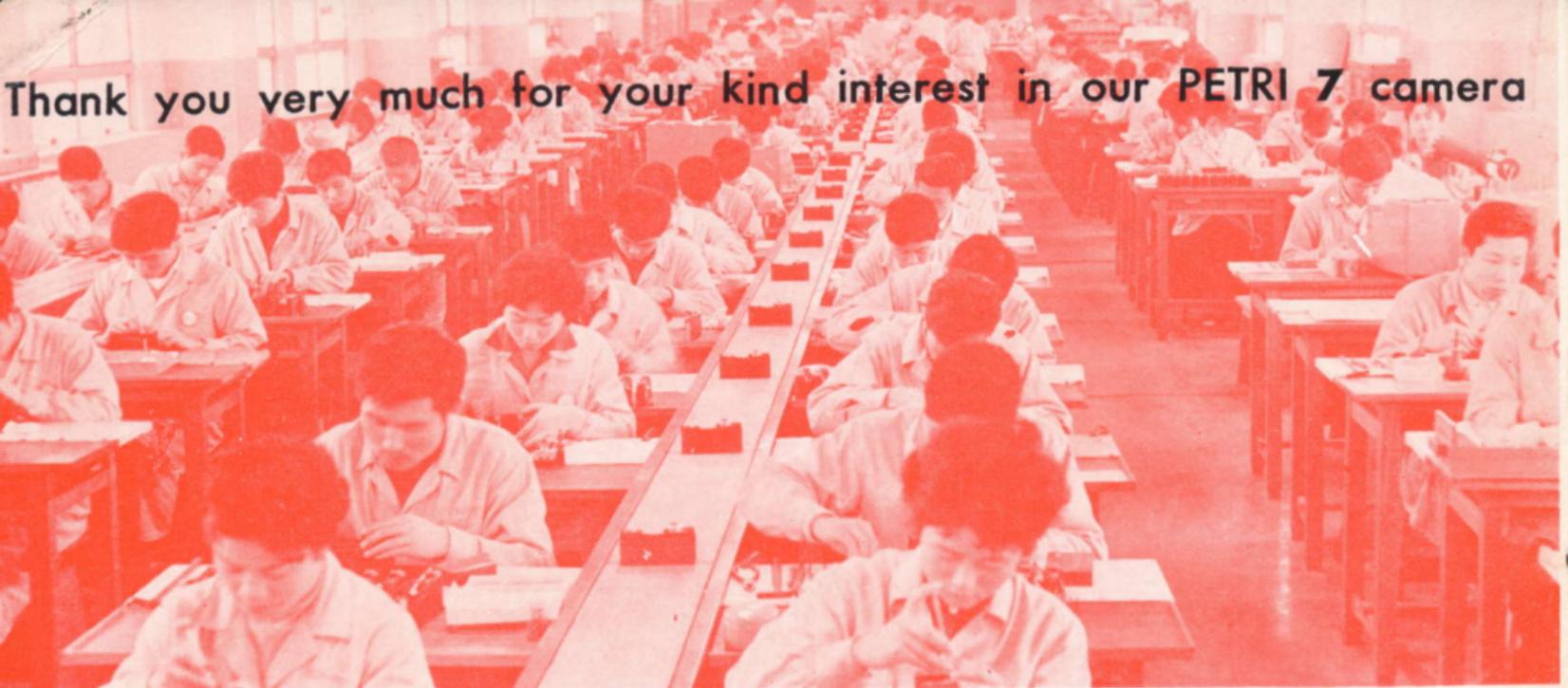
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PETRI

7

— **SEVEN** —

♥ **INSTRUCTION BOOKLET**



Thank you very much for your kind interest in our PETRI 7 camera

PETRI 7 is manufactured by the outstanding integrated works, from Pressing, Assembling, Finishing to Inspections. And its finish is famous for Solidity and Refinement while the price is very reasonable.

It is no doubt that you would love this PETRI 7 as your own PET Camera.



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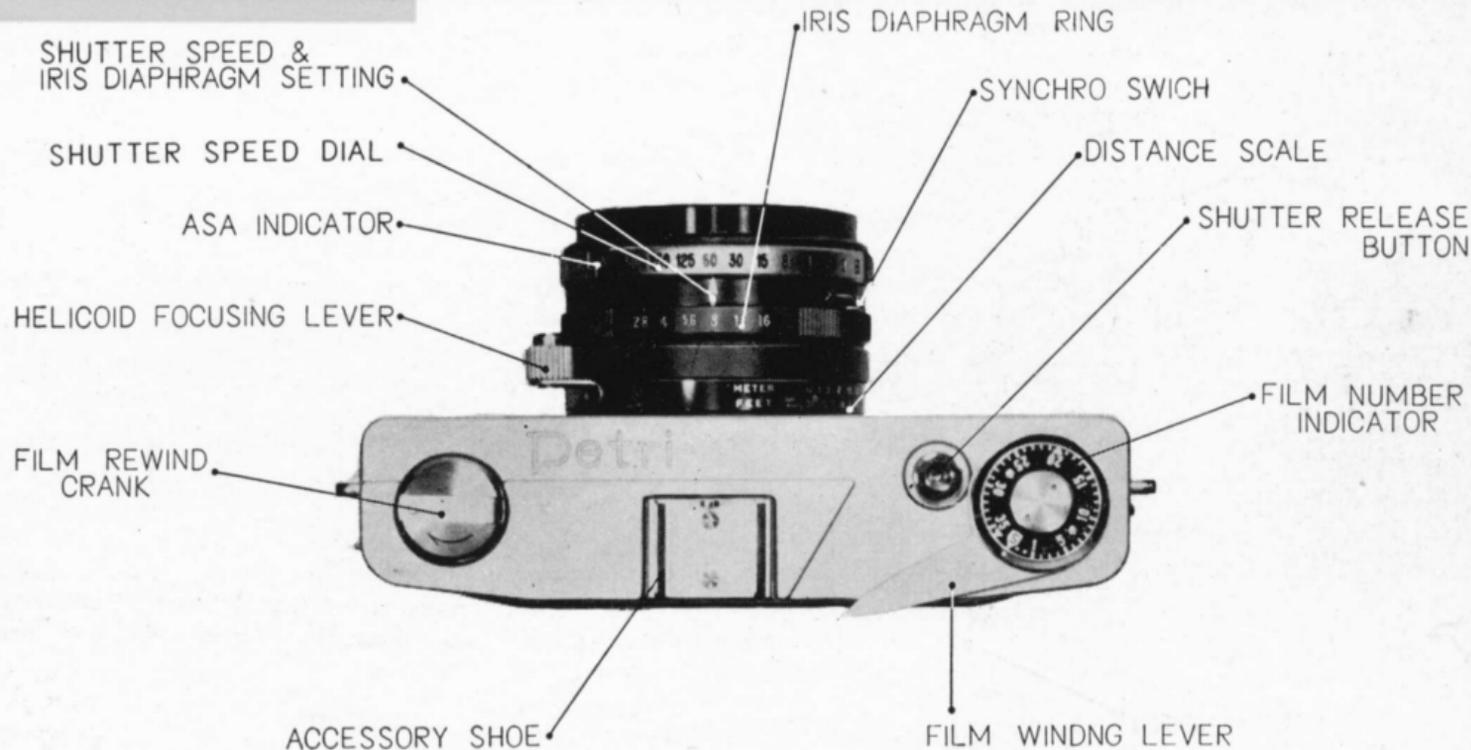
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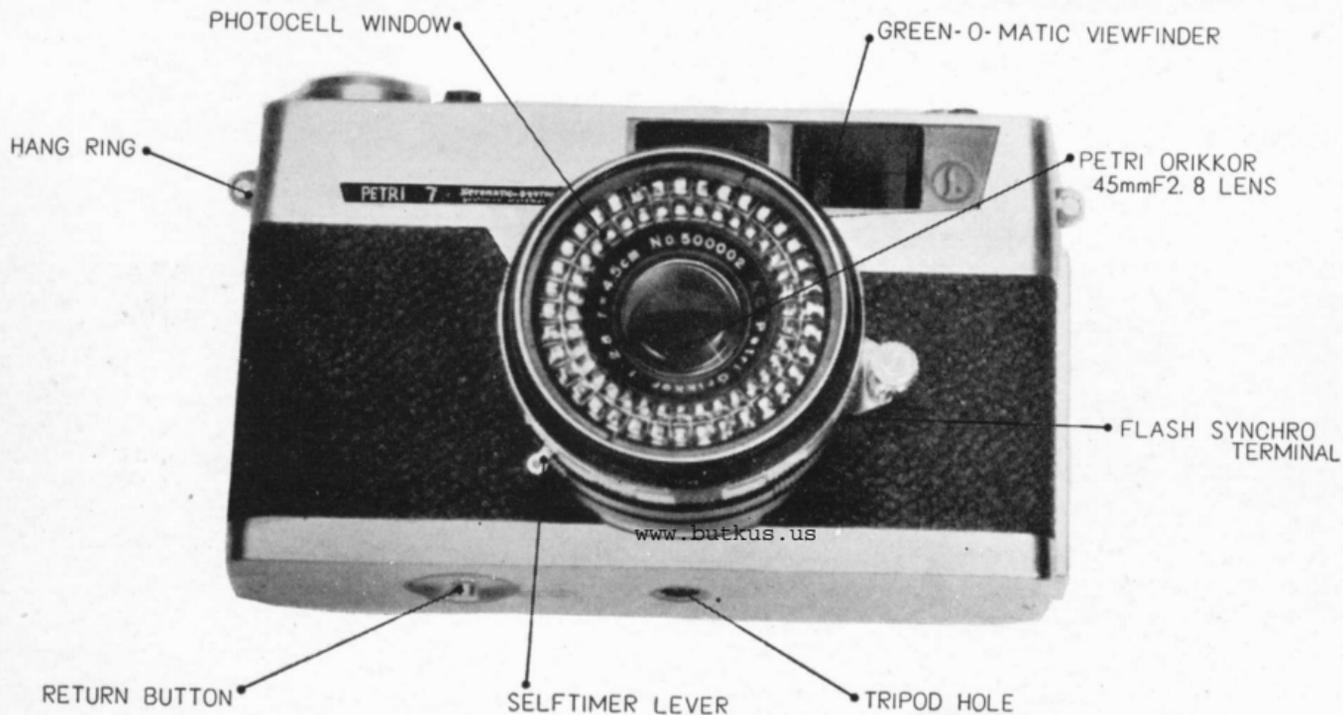
Superlative Features of PETRI 7

- TYPE :** Coupled Exposure Meter 35 mm Camera
- FILM SIZE :** 35 mm film (20 or 36 exposures)
- PICTURE SIZE :** 24 x 36 mm
- LENS :** PETRI ORIKKOR 45 mm, F 2.8, 3-group 4-element color corrected (Amber-coated) lens
- SHUTTER :** PETRI MVE Shutter, with speeds: B, 1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250, 1/500 second, Iris Multiple Diaphragm Ring, Self-cocking MX full-synchronization, Built-in selftimer, Release-pressure 200 mg.
- VIEWFINDER :** "Green-O-Matic" system with Special Green Crown Glass, Bright GOLD-Frame
- RANGEFINDER :** Helicoid-type Coupled Range Finder, Coupled Range : from 2.65 ft. to infinity
- COUPLED EXPOSURE METER :** Zero-method Reflection-type, Built-in Fully-Coupled Electric Exposure Meter
- FILM TRANSPORT & REWIND :** Single-stroke (180°) rapid transport lever which automatically transports film and cocks the shutter simultaneously. Crank-type rewinding system.

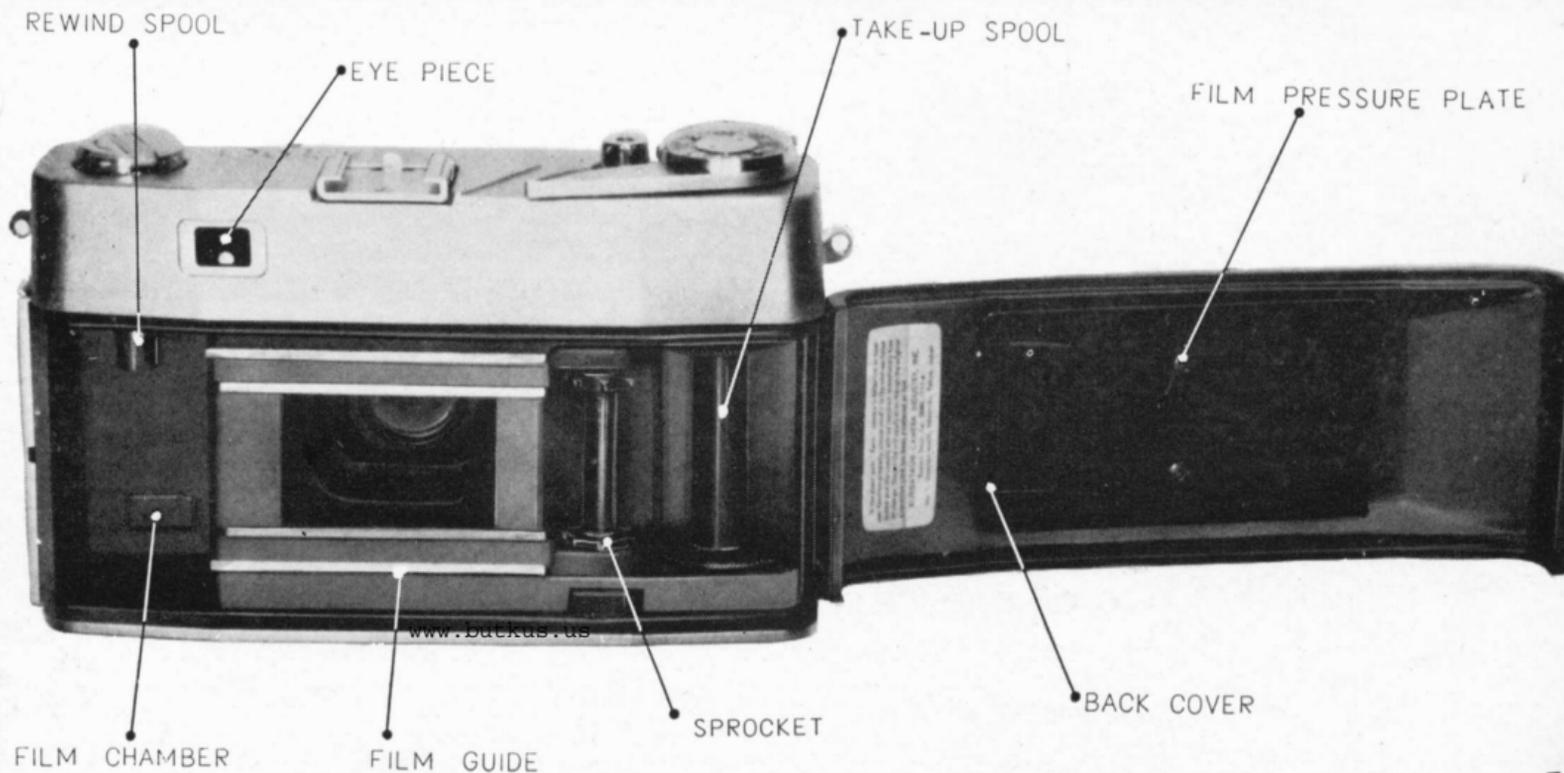
DESCRIPTION OF PARTS



DESCRIPTION OF PARTS



DESCRIPTION OF PARTS





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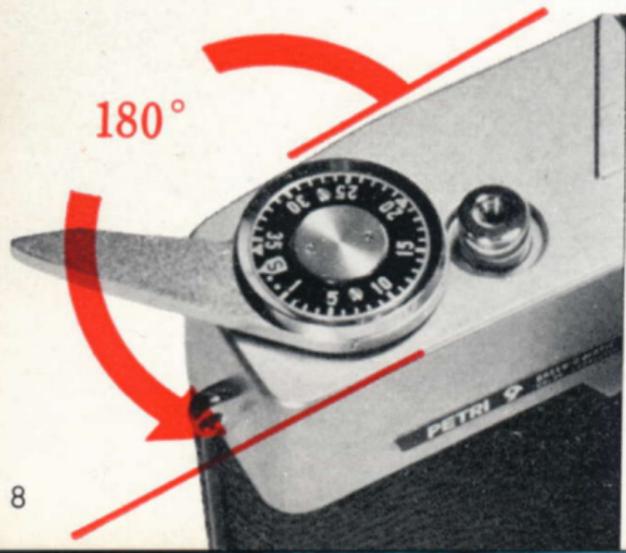
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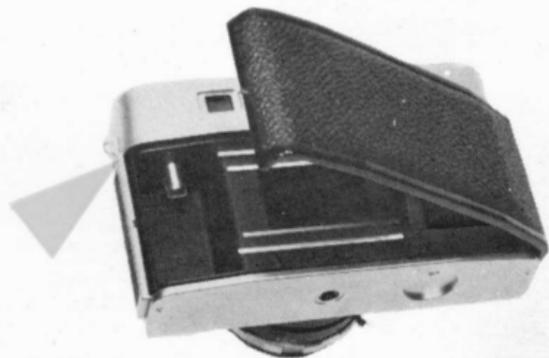
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HOW TO SET THE SHUTTER

- Advance the winding lever with your thumb-finger to the end (180°) and loose your hold, then the lever automatically turns back to the original position. With this single stroke, you can advance one frame of film and can set the shutter simultaneously. (self-cocking system)
- In this position, the shutter will be released as you push the release button. However, you can not advance the film, unless you release the shutter button. (Prevention of Mis-advancement of film) And once you released the shutter button, you can not release the button again unless you advance the winding lever. (Prevention of Double-Exposure)
- Try to advance the winding lever just before your picture taking. . . . It is not good for the film to leave it for a long time after your setting the shutter, so try to advance the winding lever just before your shooting. You can change the shutter speeds either before or after your winding the film.

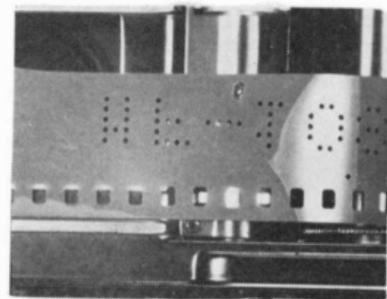
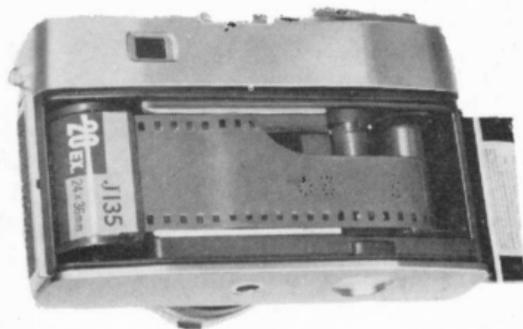
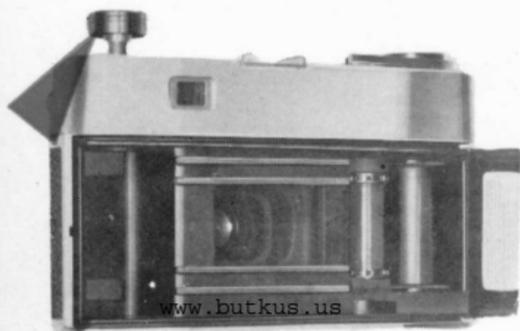


HOW TO LOAD THE FILM



1. **Opening the back cover**
Pull down the lever with your thumb-nail, and cover will be released automatically.

NOTE: Use the 35 mm film (20 or 36 exposures) for PETRI 7 camera.



2. Pull out the rewind crank

Pull it out to the end by picking up the knob.

3. Film loading

Put the end of the film into the slot of the take-up spool. Be sure that the sprocket holes in the film line up with the projection on the take-up sprocket.

4. Film loading

Pull the cartridge back, letting enough film unwind so that you can place the cartridge in its compartment. The sprocket holes and the teeth of take-up spool should completely be matched. Check it before closing the back cover.

Notice in your Film Loading :

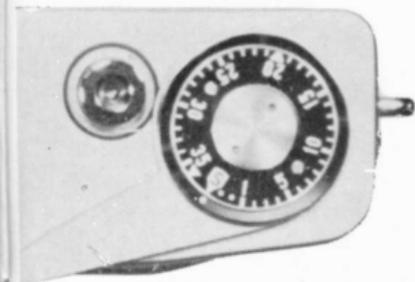
- Try to avoid the direct sunlight and select the shadowy place as you load the film.
- The important point in your film loading is to put the teeth of take-up spool into the sprocket holes perfectly. If they are not fitted completely, the holes will be broken and the film can not be wound.
- Wind film after closing the back cover, but the third winding should be done just before your picture taking.
- The film is wound right, if the rewinding crank turns in the opposite direction of arrow-mark as you wind the film.

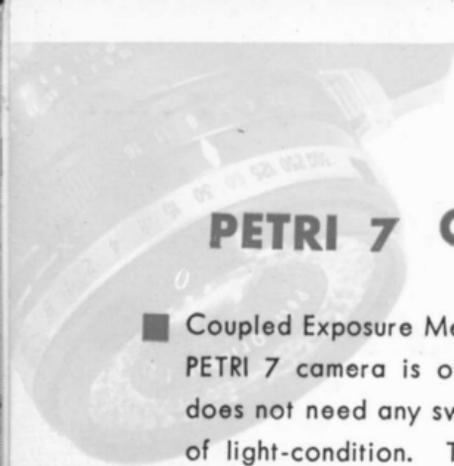
5. Setting Film Counter

After closing back-cover set the Film Counter to S mark.

6. For Your 1st Picture

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 1st picture.



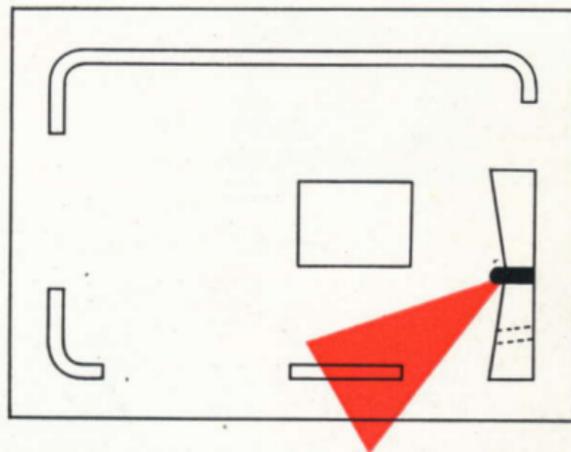


PETRI 7 Coupled Exposure Meter

- Coupled Exposure Meter which is equipped with PETRI 7 camera is of Light-Reflection Type and does not need any switch to adjust the changing of light-condition. The exposure meter is fully coupled with 3 elements which are Shutter Speed, Film Sensitiveness and Aperture. As the meter is equipped with "Zero" methods, all you need is just to let the meter needle point to the proper exposure marking. As both Meter Needle and Indication Mark can be seen in the view-finder, you can get the proper exposure very quickly.
- The aperture and shutter speed are coupled when the coupled range of Exposure Meter is between L. V. 7 and L. V. 17 with ASA 100. Refer to the Exposure Meter Coupled Range Chart.
- ASA Exposure Indications are 10, ● (16), 25, ● (32), 50, 100, 200, (DIN 11, 13, *, 15, 16, 18, 21, 24) and are applied to all Film Sensitiveness.

EXPOSURE METER COUPLED RANGE CHART (ASA 100)

F no.	2.8	4	5.6	8	11	16
L.V.						
7	1/15	1/8	1/4	1/2	1	
8	1/30	1/15	1/8	1/4	1/2	1
9	1/60	1/30	1/15	1/8	1/4	1/2
10	1/125	1/60	1/30	1/15	1/8	1/4
11	1/250	1/125	1/60	1/30	1/15	1/8
12	1/500	1/250	1/125	1/60	1/30	1/15
13		1/500	1/250	1/125	1/60	1/30
14			1/500	1/250	1/125	1/60
15				1/500	1/250	1/125
16					1/500	1/250
17						1/500



**Meter Needle and Indication Mark
can be seen in the view-finder**

HOW TO USE COUPLED EXPOSURE METER

ASA (DIN) INDICATION WINDOW

The Sensitiveness of film in use will be appeared in this window.

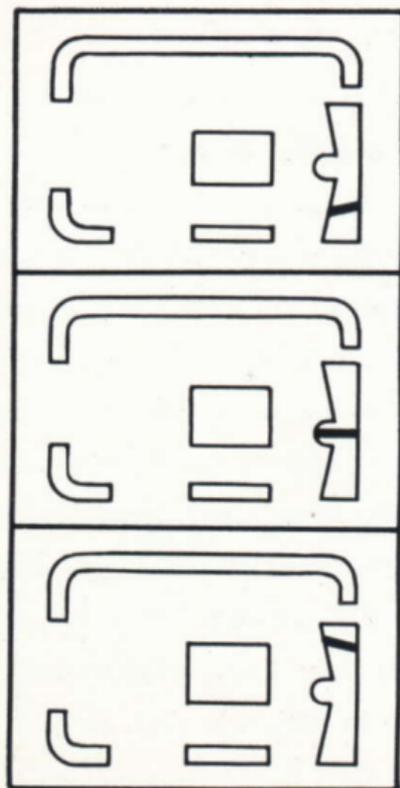


1. Turn Film-sensitiveness Indication Lever to show ASA (DIN) of film in use.
2. Turn Shutter Speed Dial to set the shutter speed as you wish.
3. Point your camera toward the subject and turn the aperture ring to let the needle meet the indication mark and that is the proper exposure.

IN BETWEEN OF SCALE MARKS

As the shutter speed dial is of Click-stop Type, you can set the figure of speed exactly at a scale mark. You can not obtain the speed by setting the shutter speed in between two figures. But it is alright for you to set the dial in between two aperture figures.

Note in using Coupled Exposure Meter



*Under
Exposure*

*Proper
Exposure*

*Over
Exposure*

- As a principle, the order of setting the Exposure Meter is Film Sensitiveness first, Shutter Speed next and then Aperture in the last. But in case you set the aperture, point your camera toward the subject and turn the shutter speed dial to make the needle point the indication mark. If the needle points in between two speeds, take the closer speed to the needle for your proper shutter speed setting, and adjust the setting by turning the aperture ring.
- When you use a filter, just screw-in the filter into the mount of lens which is 49 mm in diameter. After that, it is camera that automatically make the complicated multiple calculation and adjusts it for you.

HOW TO USE SELFTIMER

- Selftimer is equipped with your PETRI 7 camera. Pull down the selftimer lever to the end and release the shutter button. The lever starts as you release the shutter button and about 8 seconds after your releasing the button the film will be exposed.
- You can use Selftimer with either M or X setting, but in Synchronization Photography, set the knob to X mark.
- Selftimer can be set either before or after the advancement of winding lever.
- Selftimer is useful for the group picture to which you join after releasing the shutter button. In this case, the use of tripod is highly recommendable.

HOW TO HOLD YOUR

As you release the shutter button, you have to hold your PETRI 7. Be steady and as near to your eye as possible. The slightest blurring of your camera greatly affects the sharpness of the picture. Cradle the camera in both palms, check your breath and press the shutter release button with your right index-finger in a smooth and steady motion. Do not give any force in releasing the button, for the button is very light. It is important for you to stabilize your body as

PETRI 7 CAMERA

you release the shutter while you are standing by spreading out your legs properly. Leaning against a tree or wall is one of the ways to stabilize your picture-taking. The speed limit in photographing held by your hands for slow speed is 1/30 second. When you use the slower speeds under 1/15 second, you had better to use tripod with cable release by screwing it into the screw-hole in the center of shutter release button.

How to hold PETRI 7 vertically and horizontally. Watch carefully the position of fingers of both hands.

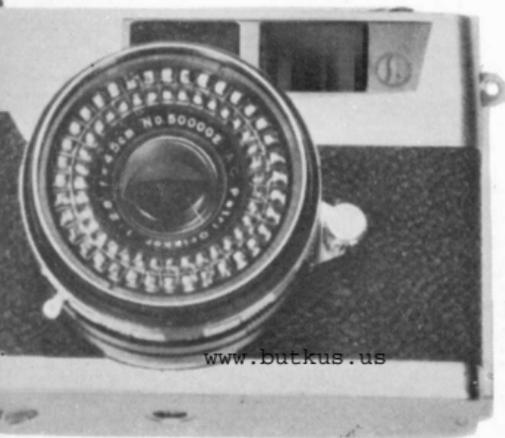
Horizontal Position



Vertical Position



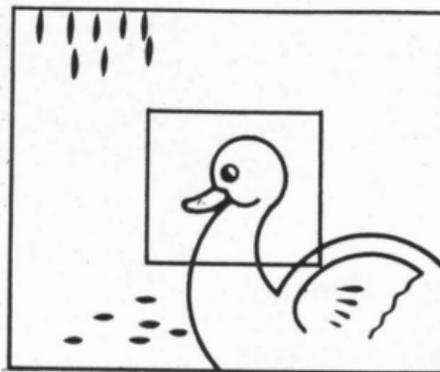
HOW TO LOOK THROUGH VIEWFINDER AND FOCUS



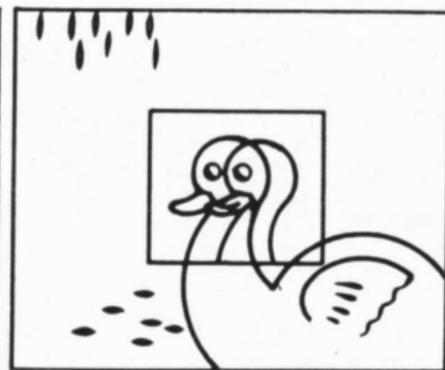
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In taking a close-up picture, adjust Parallax properly to avoid "lopped-off-head" picture.

As you look through Viewfinder and turn Focusing-Lever, a vague image will be appeared as one clear image. As long as a doubled image is seen, it is out-of-focus. As the eye-piece is super-wide, even a glassed person can easily lock through it without taking the glasses away.



Correct Picture



Wrong

ADVANTAGE OF

"GREEN-O-MATIC" SYSTEM

- "GREEN-O-MATIC" view-finder is made of Special Green Crown Glass to eliminate Eye-fatigue and insures Easy and Accurate Focusing. Bright and Easy Focusing is an advantage of "GREEN-O-MATIC" system.
- GOLD-frame View-finder has Bright and Accurate GOLD-Frame Line and it makes your focusing very easily regardless the position of your eye as you look through View-finder.
- Super-Wide Eye-Piece is for you to look through it without making an extra efforts.



HOW TO REMOVE FILM AFTER SHOTS

After your shooting 20 or 36 exposures, you have to rewind it into the cartridge.

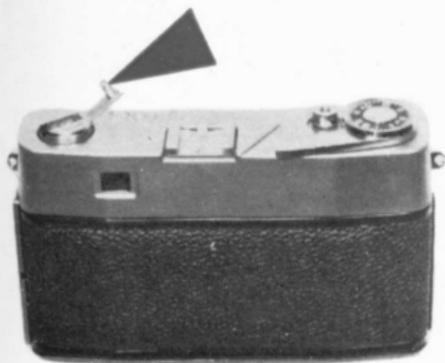
While the film is being wound you feel a slight pressure, but you will not feel any pressure when the rewinding of film is done.



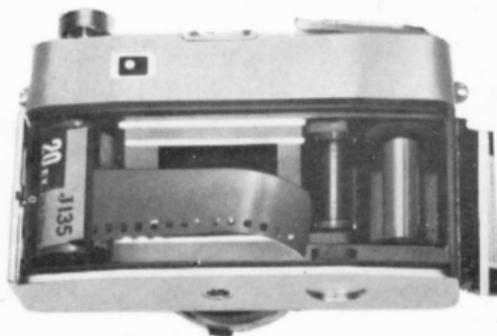
1. Rewinding Film

Press the return button located at the bottom of your camera.

NOTE: Select the shadowy place for your film unloading.



2. Pull the rewind crank handle and turn it as the arrow mark indicates until the rewind film is properly set into the cartridge.



3. Removing Film

After you rewind the film into the cartridge, open the back cover and remove the cartridge out of compartment.

Notice in Film-rewinding

- To check if the film-rewinding is done properly or not, advance the lever and yet the rewind crank does not move, then the rewinding was done perfectly.
- Do not rewind the exposed film completely into the cartridge. Sometimes you misunderstand it as the empty cartridge.
- The developing of exposed film should be done as quickly as possible. The negligence of developing for a long time, especially in Summer, causes the defect in sharpness of pictures.

SYNCHRO-FLASH PHOTOGRAPHY



SYNCHRONIZATION CHART

Flash Bulb	M Synchronization	X Synchronization
M Class	All shutter speeds	1/30 sec. or slower
F Class	—	1/60 sec. or slower
Speed Light	—	All shutter speeds

- Shutter will be released 20 mm second (1 mm = 1/1000 sec.) after your releasing the shutter button. So it is recommendable for you to use M Type bulbs which mark the top of brightness at 20mm sec. after your releasing the button. The synchronization is fully performed for every speed when you use this M-type bulbs.
- The shutter will be fully opened as soon as the switch-in is made with X synchronization, so synchronization can be fully made for every speed as you use the speed light, without "time-to-peak". In using F flash-bulbs, the synchronization can be performed at all shutter speeds slower than the 1/60 sec. With M bulbs, it can be made at all speeds slower than 1/30 sec.
- You can set the synchro-lever at either M or X when you photograph other than synchro-flash photography.

THE EASY WAY TO TAKE FINE PICTURES WITH PETRI 7



Care to Handle Shutter

- The work of shutter is to adjust the light-value coming to the surface of film. Shutter-speed Scale is marked in a line at the same space. At every space, shutter speed goes up TWICE.
- The exposure is to be decided by Shutter Speeds and Aperture. Therefore, there are many ways of combination of the two for an exposure. For instance, the combination with F11 in aperture and 1/30 sec. in speed is equivalent to the one with F4 and 1/250 sec.
- So in your deciding the exposure, you have to select which speed is the best for your picture-taking. For example, select the faster speed to take the fast moving subject at the closer distance, especially the subject is going to cross the front of your camera, otherwise you cannot photograph such a fast moving subject.



Care to Handle Aperture

- As well as the shutter, the diaphragm is also to adjust the light value coming to the surface of film. The Diaphragm Scale which is marked in a line indicates TWICE or HALF as much at every marking.
- Beside adjusting the light value, the diaphragm is to shorten or deepen the range of sharpness. The depth of field which comes out when you focus a point is the range in which you can photograph a very clear image. The depth of field becomes deep when you smallen the aperture and in turn it becomes shorten as you open the aperture. So you can make good use of this nature for your getting a good result in taking the sketchy picture. When you take a portrait, use a larger aperture to get the subject clearly and the background in vague. And as you take a group picture, use a small aperture to get everyone in the picture is taken clearly.

DEPTH OF FIELD TABLE

(PETRI ORIKKOR F 2.8 45 mm)

(in feet)

F no. ft.	2.8	4	5.6	8	11	16
2.75	2.87 ~ 2.64	2.92 ~ 2.59	3.00 ~ 2.54	3.13 ~ 2.45	3.30 ~ 2.36	3.60 ~ 2.22
3	3.15 ~ 2.87	3.22 ~ 2.82	3.31 ~ 2.75	3.46 ~ 2.65	3.67 ~ 2.54	4.10 ~ 2.37
4	4.26 ~ 3.77	4.38 ~ 3.68	4.56 ~ 3.56	4.86 ~ 3.40	5.27 ~ 3.24	6.25 ~ 2.95
5	5.42 ~ 4.64	5.62 ~ 4.50	5.91 ~ 4.33	6.41 ~ 4.09	7.16 ~ 3.84	9.03 ~ 3.46
6	6.72 ~ 5.43	7.10 ~ 5.22	7.36 ~ 5.07	8.60 ~ 4.62	10.03 ~ 4.24	15.10 ~ 3.74
8	9.34 ~ 7.00	10.00 ~ 6.71	10.61 ~ 6.42	13.40 ~ 5.72	18.00 ~ 5.15	42.00 ~ 4.43
12	15.20 ~ 10.10	17.30 ~ 9.20	19.03 ~ 8.27	30.80 ~ 7.45	75.40 ~ 6.54	∞ ~ 5.42
30	56.00 ~ 19.50	76.70 ~ 16.90	∞ ~ 15.61	∞ ~ 11.80	∞ ~ 9.61	∞ ~ 7.45
∞	∞ ~ 55.40	∞ ~ 38.80	∞ ~ 27.70	∞ ~ 19.40	∞ ~ 14.10	∞ ~ 8.40

HOW TO MAKE GOOD USE OF COUPLED EXPOSURE METER

As the exposure meter which is equipped with PETRI 7 is of Light-Reflection Type, measure the reflected light from the subject to decide the proper exposure. However, the measuring differs to the kind of subjects.

HUMAN PHOTOGRAPHY

Approach to the human subject as near as you can and make the measurement. In this case, try to avoid the unnecessary lights coming into the meter. When you are not in a hurry, measure the light part of subject and the dark part separately, and you can get the average lightness. Pay your special care for not measuring your own and camera shadows.

SCENERY PHOTOGRAPHY

For taking scenery with much sky, measure the light by facing the camera-front toward the ground. For taking a vast scenery, such as mountains, reduce $1/2$ as much from what you have measured.



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AGAINST-LIGHT PHOTOGRAPHY

For taking the silhouette photography, you have to measure the bright background to get the proper exposure. When you want to take the subject brightly, approach to the subject and measure the shadow of subject. In this case, be sure not to receive any light from the background into the meter.

To take both the subject and background, measure the average figure of what you measured for the shadow of subject and the lightness of background.

COLOR PHOTOGRAPHY

Follow the methods of Black & White Photography. With the color reversal film, measure the light part of subject. With the color negative film, measure the dark part of subject. After measuring the light and dark part separately and the ratio is over 4:1, use the substantial light, such as the silver reflection plate or blue flash to weaken the contrast brightness of subject.



SNAP PHOTOGRAPHY

Follow mostly the methods mentioned in the paragraph of Senery Photography. But to take, for instance, the snowy scenery and Summer sea-side scenery, reduce half as much of measurement as you photograph same.

PETRI LENS HOOD



PETRI LENS HOOD has been carefully designed to prevent stray light from entering the lens of your camera. It is constructed of light alloy metal and smartly styled to enhance the beauty of the PETRI 7 camera. It is black-coated to prevent the reflecting light inside of Lens Hood. It fits tightly and securely over the lens rim.

PETRI FILTERS



In order to insure perfect picture in all kind of light conditions it is necessary for you to choose the proper filter for your camera. PETRI FILTERS are manufactured of the highest quality optical ingredients and subjected to the most rigid inspection and they are available for your camera according to its use.

PETRI SPEED LIGHT



Petri Speed Light Standard is Compact Lightweight Electronic Flash, 35 watt / second output, 1000 flash per battery, 1/500 second flash durability. With battery and pack, accessory shoe for all X-synchronization camera. Attached to all Petri cameras.

FILTERS AND THEIR USE

UV: The UV filter is to absorb the ultraviolet rays. Required no exposure multiple, it is recommendable to use for ordinary picture-taking.

Y 1, Y 2: The Y 1 & Y 2 filters are both the yellow filter to absorb ultraviolet rays. As each of these filters absorb both short and long waves, such as purple and green, is very useful for taking the clear blue sky and portrait under the blue sky and flowers. Y 2 is darker than Y 1 in its yellowish color and can achieve much deeper tone, but be careful in using it for its effect.

YA 3: The YA 3 is the orange color filter to absorb ultraviolet, violet, blue and a part of green colors. It is effective in taking a distance view, mountains and aerial landscape to give more contrast in the picture.

R 1: The R 1 filter is red to get stronger contrast in the picture.
For Color Picture-Taking, the following filters are available:

W 4: For moisture adjusting

C 4: For cold adjusting

C 8: For flash photography

C 12: For flood-lump photography

HOW TO TAKE CARE OF YOUR PETRI 7

- Dust and moisture must be removed from the camera at all times, especially the lens is apt to gather mildew on its surface, so do not leave your camera in the damp place to keep it in good order. When you find dust stacked on the surface of lens, use brush lightly. Be careful for rough stroke will cause scars on the lens surface.
- When accidentally your finger touched the lens surface, the finger print must be erased on the spot by using absorbent cotton wrapped with the gauze.
- Lens Cap should be used whenever the camera is not in use, it will help you to maintain the long duration of service. The UV filter is recommendable to protect the lens of your camera.
- The finger print on the viewfinder glass must be removed by using a dried cloth or absorbent cotton with a slight alcohol.
- It is recommendable for you to go to the specialist when you find some internal mechanical deflection.

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Sign of GOOD DESIGN

Kuribayashi Camera Industry, Inc.

Export Office: 1 Umejima-machi, Adachi-ku, Tokyo, Japan

PETRI CAMERA EUROPE: P. O. Box 6033, The Hague, Holland

New York • Vancouver • Melbourne • Hongkong • Singapore • Taipei

Printed in Japan

GUARANTEE

Your PETRI CAMERA is guaranteed against defective material and workmanship for one year from date of registered purchase.

The attached two registration cards must be filled in completely and mailed to us within 10 days of purchase for the guarantee to become effective.

Defects in materials or workmanship will be corrected without charge provided the camera is returned prepaid. This guarantee does not apply to cameras that have been abused, damaged or serviced elsewhere than by SERVICE PHOTO SUPPLIERS, INC. SERVICE PHOTO is not liable for film which is damaged or for expenses incurred because of the operation of this camera, due to malfunction or otherwise.

Uninterrupted operation is not guaranteed under this certificate. There are no warranties, expressed or implied, expressed as stated in this guarantee.

SERVICE PHOTO SUPPLIERS, INC.
33 East 17th St., New York 3

Serial No.

S

Date Purchased

I hereby register the PETRI Camera bearing above serial number to validate the guarantee.

Name (Please Print)

Address

City State

Purchased from

Address

City State

Printed in JAPAN

Serial No.

S

Date Purchased

I hereby register my name with the Technical Information Department. This registration entitles me to the service of this department in supplying information on the operation and care of my equipment.

Name (Please Print)

Address

City State

Purchased from

Address

City State

Printed in JAPAN

IMPORTANT

Enter camera serial number below, and keep this portion of your registration card in a safe place with your other valuable papers.

MODEL NO.

SERIAL NO.

Body:

Lens:

Lens:

Lens:

DATE PURCHASED

If this camera is damaged, lost or stolen, your insurance company or police department will want the serial number. This information often helps to recover a lost or stolen camera.

TEAR



FASTEN HERE WITH TAPE

FOLD ON THIS LINE



BUSINESS REPLY CARD
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33 EAST 17th STREET

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