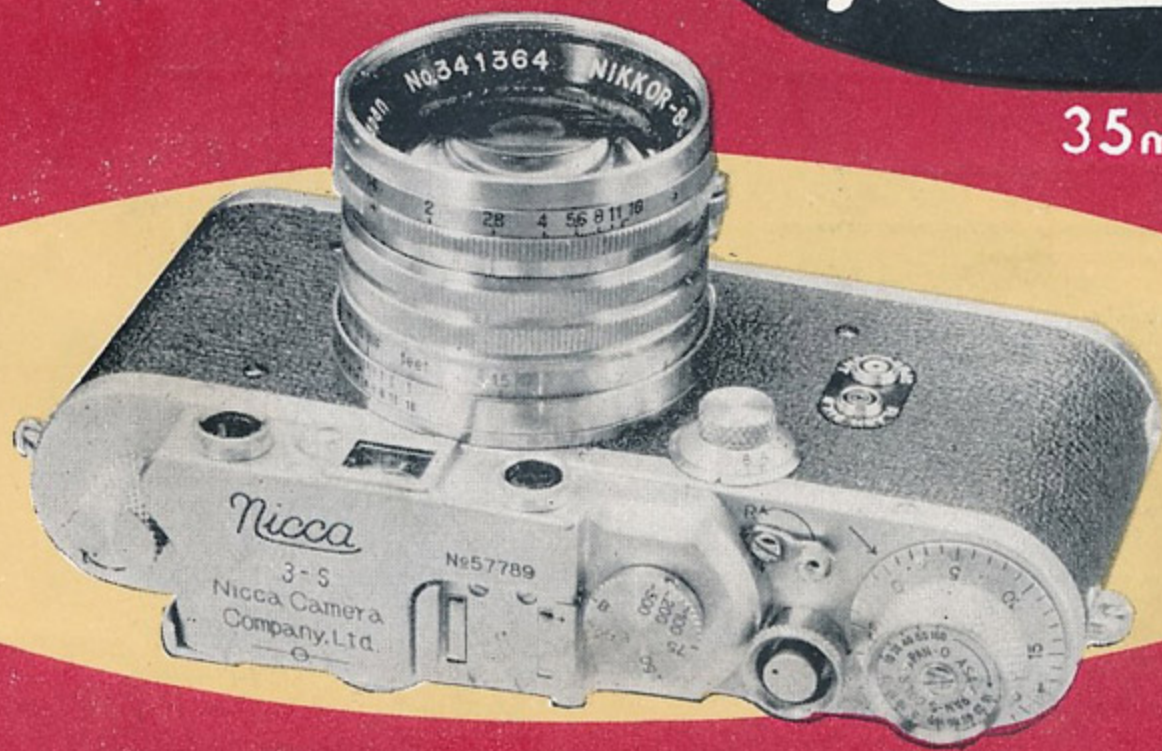


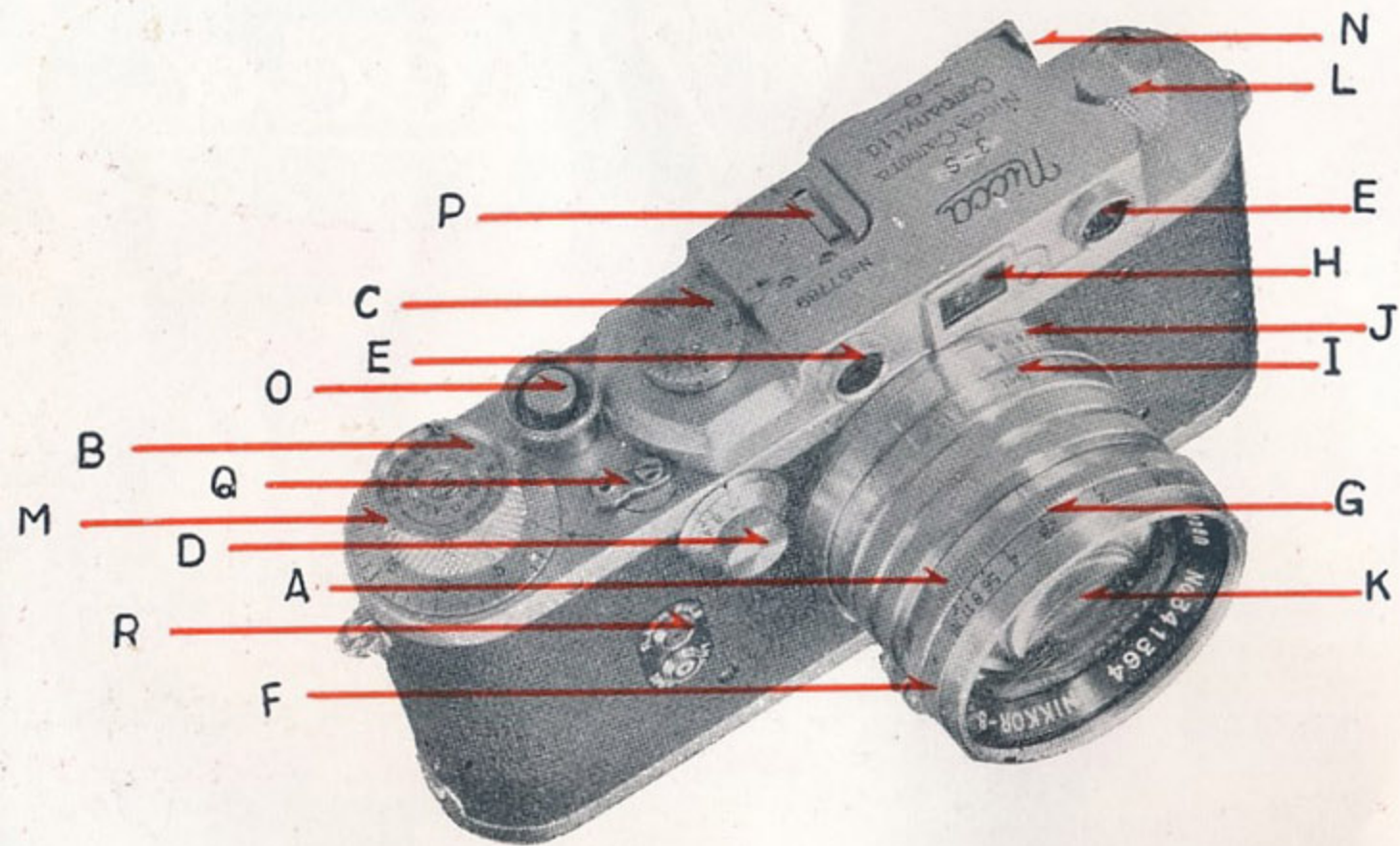
TYPE 4
TYPE 3-S

DIRECTIONS FOR USING

Nicca

35mm CAMERA





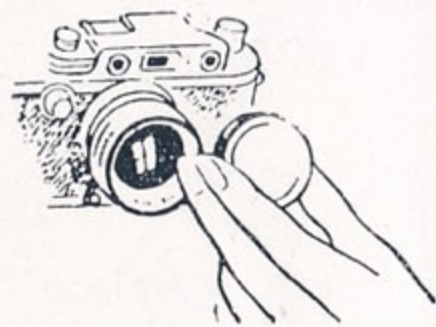
INDEX

- | | |
|--|--------------------------|
| A Lens barrel | J Depth of focus scale |
| B Shutter winding knob
(Film indicator) | K Lens |
| C High speed shutter dial | L Rewinding knob |
| D Slow speed shutter dial | M Film counter |
| E Rangefinder | N Rangefinder eyepiece |
| F Focusing lever | O Shutter release button |
| G Iris diaphragm scale | P Accessory clip |
| H Optical view finder | Q Rewinding clutch |
| I Distance scale | R Synchroniser socket |

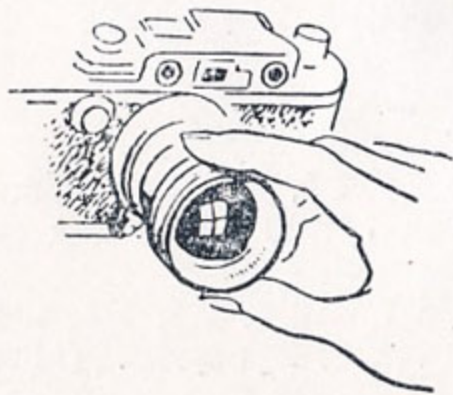
Two Types of NICCA 35 mm. Cameras

- ① NICCA 35mm Camera Type-4: The shutter speed range T.B. & 1, 1/2, 1/4, 1/8, sec. as low speeds and 1/25, 1/50, 1/75, 1/100, 1/200, 1/500, 1/1000 sec. as high speeds (13 varied speeds)
- ② NICCA 35mm Camera Type 3-S: The shutter speed range T. B. & 1, 1/2, 1/4, 1/8, as low speeds and 1/25, 1/50, 1/75, 1/100, 1/200, 1/500 sec. as high speeds. (12 varied speeds)

These two types are exactly identical with each other in mechanism except for the ultra-high shutter speed of 1/1000 sec.



- ① Remove lens cap from lens simple step which is often overlooked.



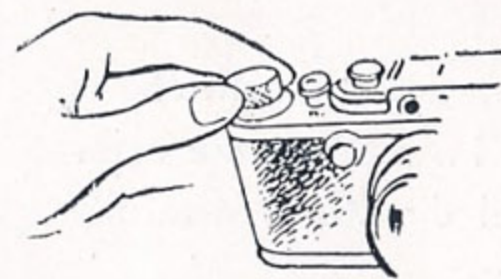
- ② Set lens diaphragm to aperture indicated by exposure meter or table.



- ③ Focus lens with rangefinder. Both images should be superimposed so that a single image is seen.



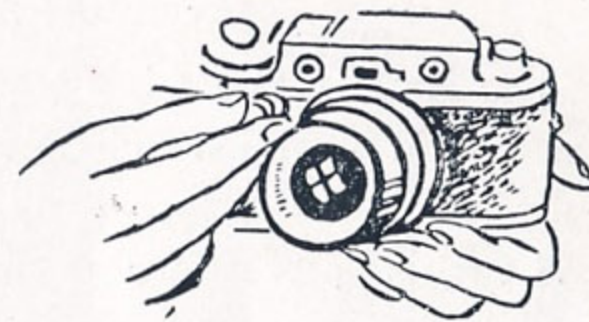
- ④ Compose the subject in viewfinder.



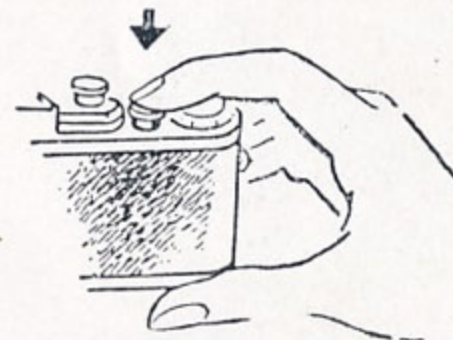
- ⑤ Turn winding knob in direction indicated by arrow until it stops. By so doing you will advance one film frame and wind the shutter at the same time.



- ⑥ Set shutter speed dial according to exposure meter readings or exposure table recommendations.



- ⑦ Use lower speed dial on front of camera when slow shutter speeds are needed.

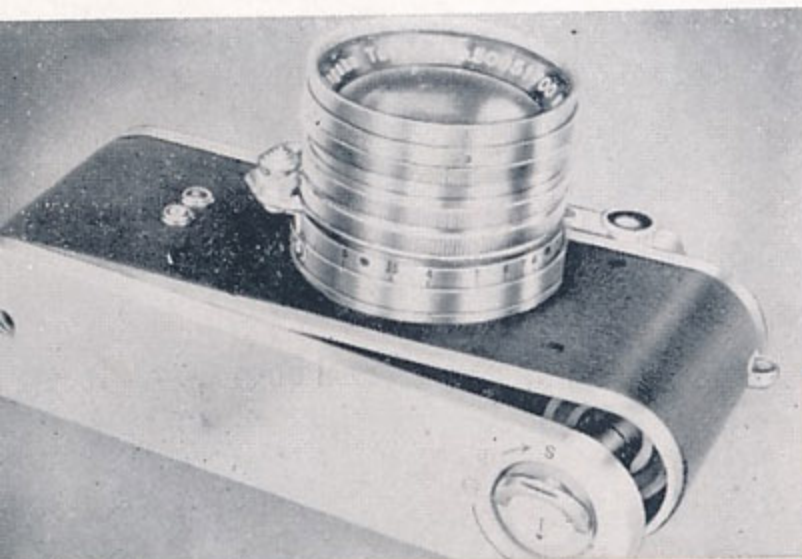


- ⑧ Press shutter release button with finger only.

GENERAL DIRECTIONS

The Nicca Camera is a precision engineered instrument and is faultless in operation so long as operational instructions are carefully followed. Please study these general directions carefully and exciting professional results will be yours.

1. **Loading the Camera.** Release the bottom plate by turning the locking knob a half turn from the mark S to the mark O and slip off the



5

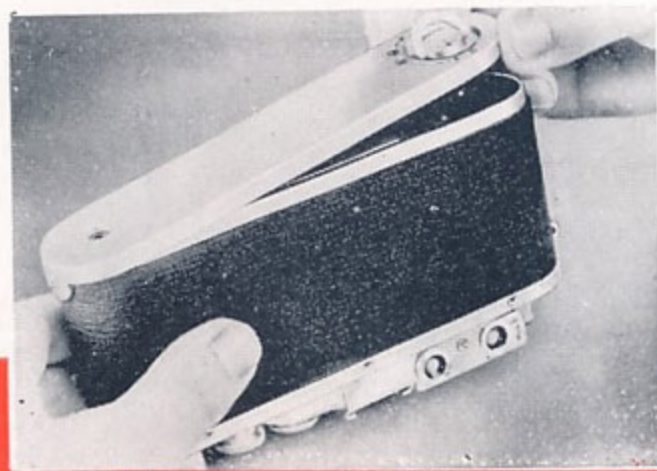
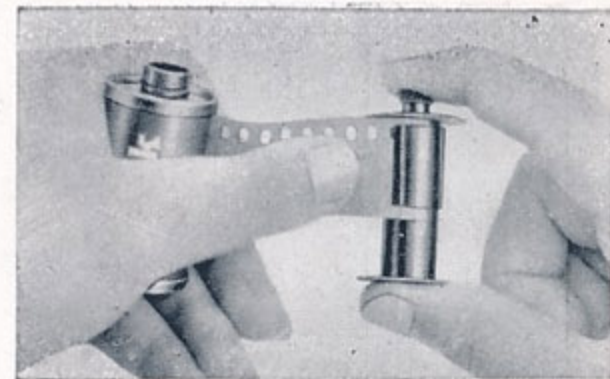
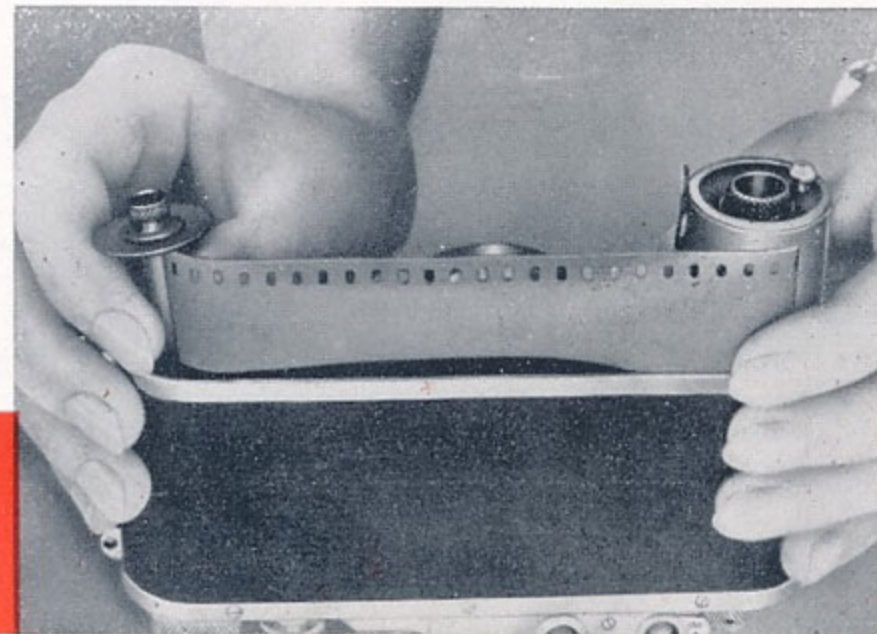
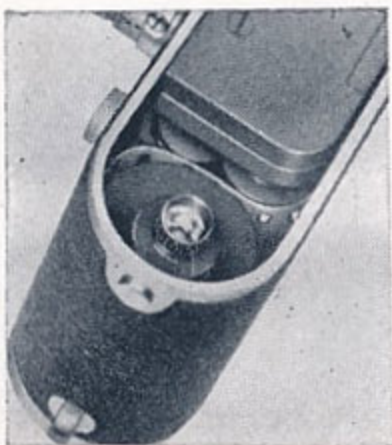


plate. Remove the take-up spool and insert the leading edge of the film under the tongue on the spool barrel. Hold the film cartridge in one hand and take-up spool in the other and pull out just enough film from the cartridge so that two spools can be inserted into the camera.



6

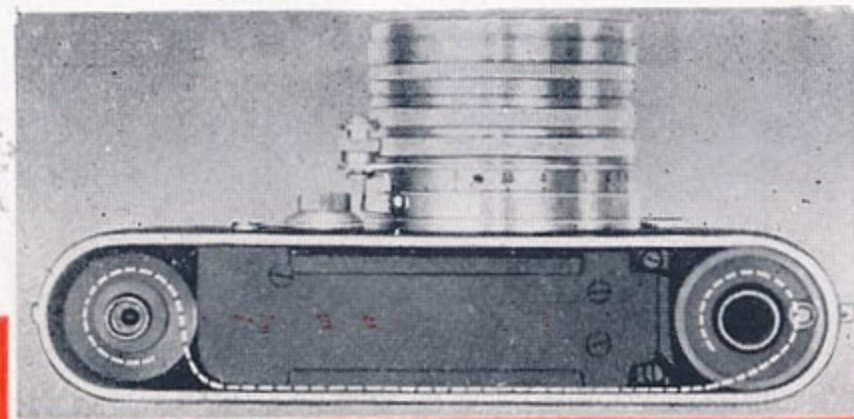




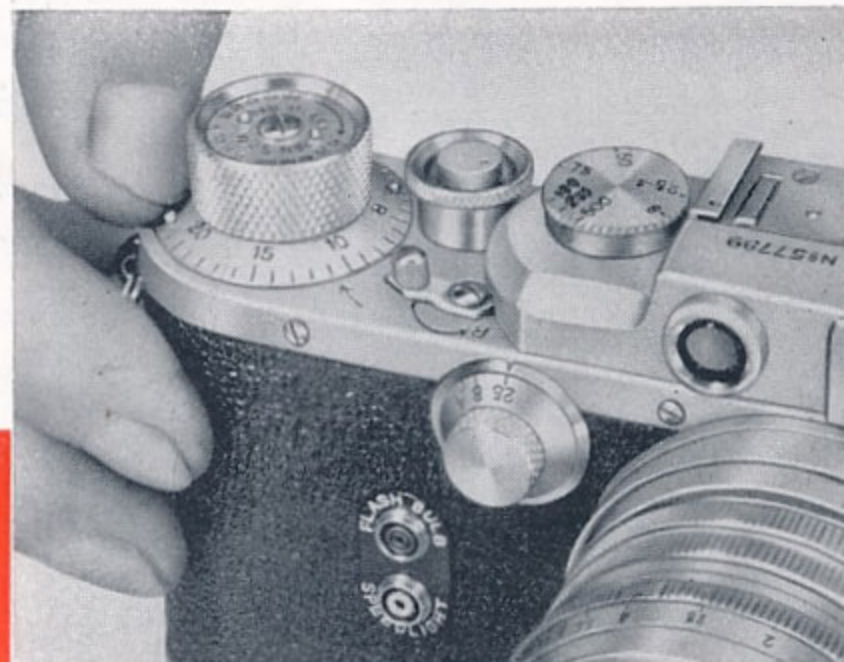
Be sure the emulsion side faces towards the lens.

Turn the winding knob slightly to check whether the sprocket has engaged the perforations in the edges of the film. Replace the bottom plate, and be sure the pin is engaged before pressing on the plate and then turn the locking

knob from 0 to S. Turn the winding knob and click the shutter twice in order that the first part of the unex-



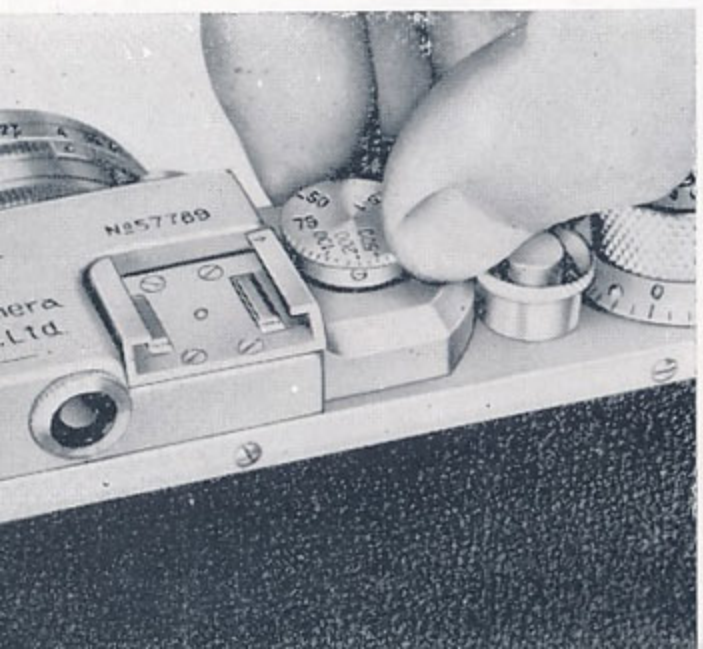
posed film is in position behind the lens before taking your first picture. Then set the exposure counter dial at the base of the winding knob to zero. Each time the winding knob is turned, the rewind knob turns in a counterclockwise direction. If this does not happen, the film has not been engaged by the sprockets and it should be wound back off the take-up spool and reloaded into the camera.



2. **Winding Knob.** Each time this knob is turned to the right until it stops. This action turns the film to the next exposure and winds the shutter spring at the same time.

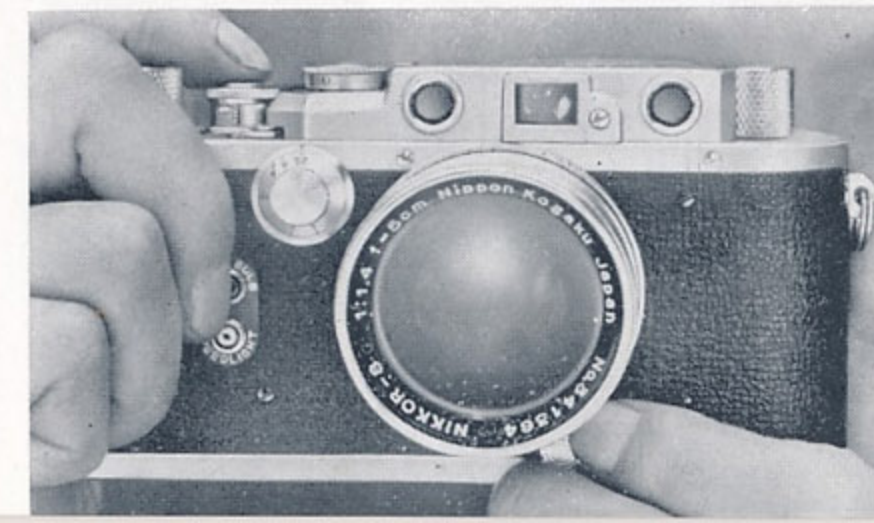
3. **High Speed Dial.** Set this shutter speed on the dial by slightly lifting and turning to the position required. For 1/1000 sec., the dial is lowered only halfway. **Important:** Before setting the shutter dial, the winding knob should be turned fully to the right.

The position B on the shutter dial is for long exposures. When set in this position, the shutter remains open so long as the shutter release button is depressed. The red figure 25-1 is the neutral position when



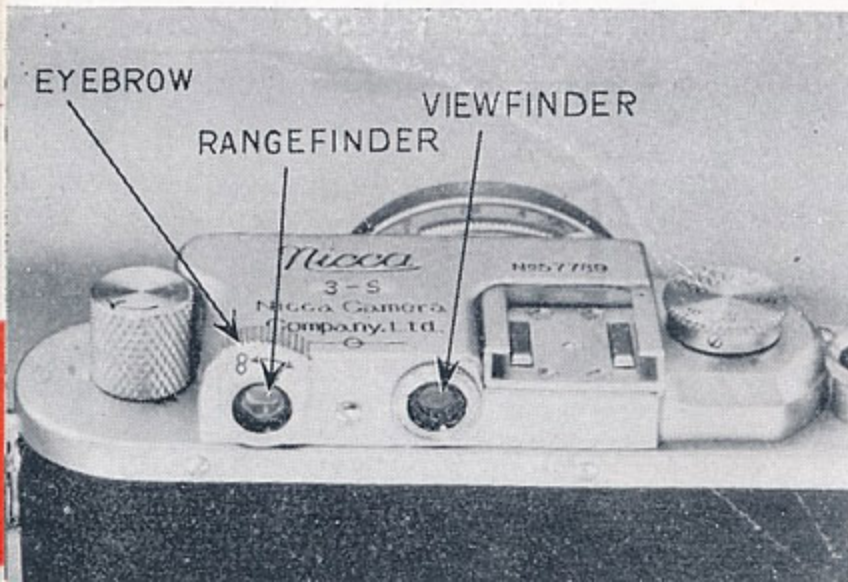
the **slow speed dial** is used. It is again repeated that the winding knob must be fully wound before setting the shutter dial to any position. If this is not done the shutter mechanism spring may be damaged.

4. **Slow Speed Dial.** When speed exposures between 1/25 second and 1 second (or longer) are required, first wind the knob fully and set the high speed (shutter) dial to 25-1. Then set the slow speed (shutter) dial to the position required (the figures indicating fractions of 1 second). When a Time exposure is required, first set the dial to position T and leave. The shutter remains open after pressing the shutter release button. To close the shutter at the end of the exposure, turn the dial carefully to the position 1 (one second). The slow speed (shutter) dial should be to position 25 when the high speed shutter dial is used.



5. Rangefinder. Exact focus is to be obtained by looking through the left rangefinder eyepiece and at the same time rotating the lens barrel back and forth by means of the focusing lever, until the two images coincide.

The rangefinder eyepiece is fitted with a lens adjustment for your vision. The viewing apertures of the eye-piece on the rangefinder is adjusted by turning the small rotating "eyebrow rest" on eyepiece. This compensates for slight difference in the human eye and facilitates the focusing on near or distant objects to produce the greatest possible sharpness. When your eye is shifted to the right hand aperture, you may compose your picture through this eyepiece, at the time of exposure. (See instructions 8 for close up pictures under item Lens Barrel).

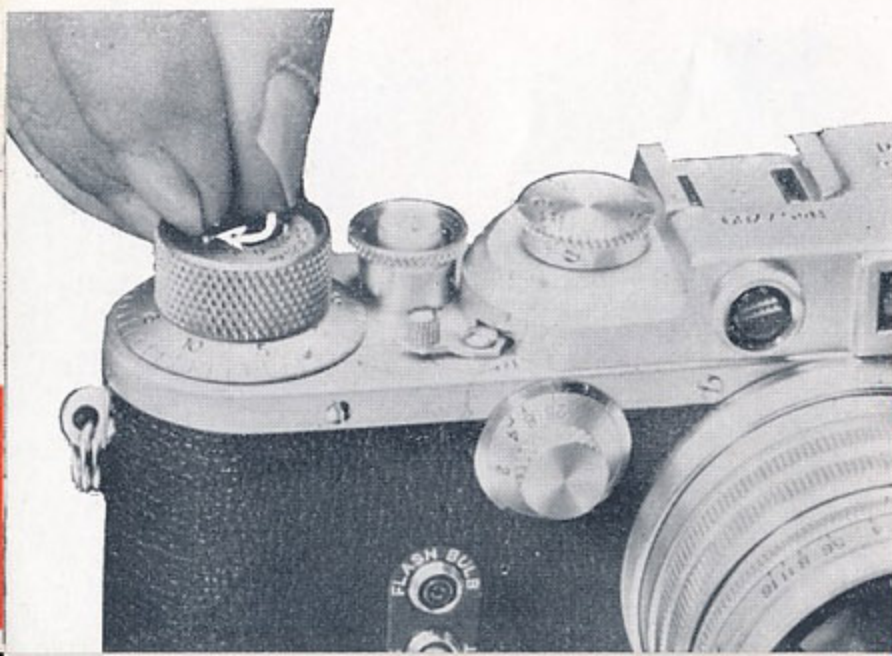


6. Rewinding Knob. When all exposures have been taken, the film should be rewound into the film cartridge. Press the shutter release button and then set the rewinding clutch (Q) to the position R (rewind), pull out the rewinding knob (L) (as illustrated) and wind in the direction marked by the arrow on the head of the knob. When the film has been completely rewound, the shutter release button (O) stops its winding action. Before loading a film into the camera, be sure to see that the rewinding clutch is not set at R but at A (advance).



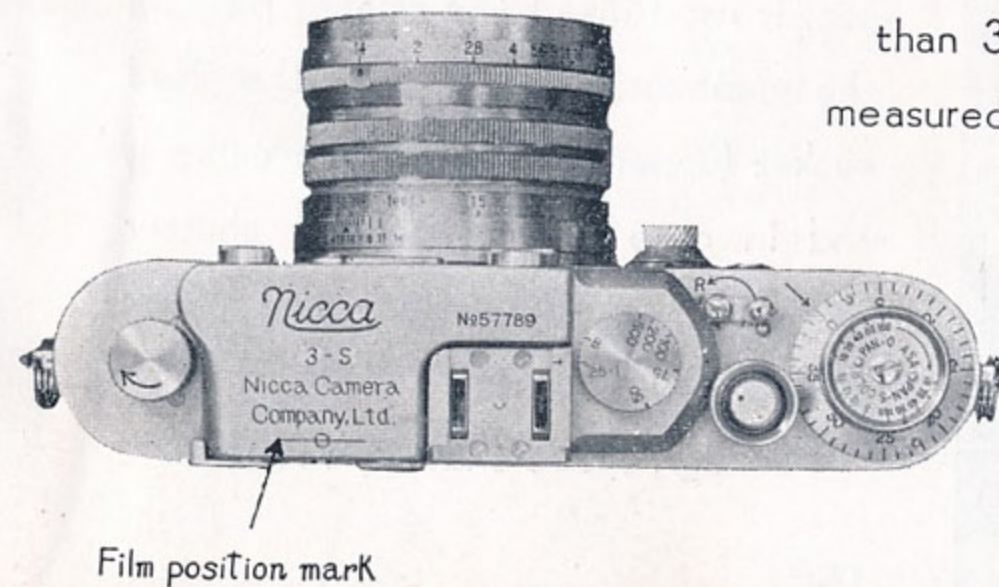
7. Film Indicator.

The film indicator on top of the winding knob will show both the speed and type of your film. Turn the disc by two raised lugs until the speed number of your film is opposite the index mark.



8. **Lens Barrel.** The latest Nicca Camera is supplied with a non-collapsible lens barrel. Ranges less than 3.5 feet are marked in red on the lens barrel. When the lens barrel is rotated with the focusing lever, it stops a little distance just beyond the 3.5 mark. With a little extra pressure in the same direction, the barrel will rotate and may be set at the position required.

Special Note. The range finder should not be employed for distances less than 3.5 feet but the range may be measured from the position of the film plane to the subject, and the corresponding distance set on distance scale with focusing lever.



9. FLASH SYNCHRONISER

The Nicca camera installs a built-in duplex flash synchroniser, which automatically lights the flash bulb on the Nicca Flash Unit or any other standard flash gun when the shutter is released.

When high speed shutter ($1/25$ — $1/1000$ sec) is used insert the smaller plug on the connecting cord into the **Red** socket (upper socket) on the camera, and in case of slow speed shutter ($1-1/8$ sec) or Strobe flash, the **White** socket (lower socket).

For high speed shutter, a flash bulb



for focal plane shutter (Say : GE-No. 6, Syl-No. 2A, West-No. 6, West No. 6A etc.) must be used, and for slow shutter speed, either a flash bulb for focal plane shutter or an open flash bulb (Say : GE-No. 5, No. 11, Syl-press 25, 40, West-No. 12) can be used.

Shutter Speed	High ($1/25$ — $1/1000$ sec.)	Slow ($1-1/8$ sec.)
Socket on the camera to be used	Red (upper)	White (lower)
Flash bulb to be used	GE-No. 6, No. 31 Syl-PF 26, No. 2A West-No. 6, No. 6A	GE-SM, No. 5, 11 Syl-SF, Press 25, 40 West No. 5, No. 12 All of focal plane bulbs

Strobe flash unit	Shutter Speed	Socket to be used
	$1-\frac{1}{25}$ sec.	White (lower)

EXPOSURE GUIDE NUMBERS (Distance in feet \times f opening)

High Speed Synchronisation							
Shutter Speed (sec.)	1/25	1/50	1/75	1/100	1/200	1/500	1/1000
Bulb							
G. E.PH 6.....	120	120	110	100	65	40	30
G. E.PH 31.....	230	230	170	130	90	55	40
Sylvania Wabash PF 26	120	120	110	100	65	40	30
Sylvania Wabash No. 2A.....	230	230	170	130	90	55	40
West No. 6	160	150	130	110	75	50	35
West No. 31	250	230	180	150	110	65	40

EXPOSURE GUIDE NUMBERS (Distance in feet \times f opening)

Slow Speed Synchronisation Shutter Speed up to 1/8 sec.			
G. E.SM	80	Sylvania Press 25	200
G. E.PH 5	170	Sylvania Press 40	340
G. E.PH 11	240	G. E.PH 6	200
G. E.PH 22	340	G. E. PH 31	360
G. E.PH 50	430	SylvaniaPF 26	200
Sylvania Wabash No. 0	190	SylvaniaNo. 2A	360
Sylvania Wabash No. 2	350	WestNo. 6A	220
Sylvania Wabash No. 3	430	WestNo. 31	380

STOP REGULATING

Film Speed System	Open up the lens by			Standard stop	Stop down the lens by	
	3 stops	2 stops	1 stop		1 stop	2 stops
A. S. A. Tungsten	5	10	20	40	80	160
Weston Tungsten	4	8	16	32	64	125
DIN	8° 10	11° 10	14° 10	17° 10	20° 10	23° 10

EXAMPLE

Desired shutter speed : $1/75$ sec. (use red socket)

Available flash bulb : G. E. PH 6.

Distance in feet (flash to subject) : 10 ft.

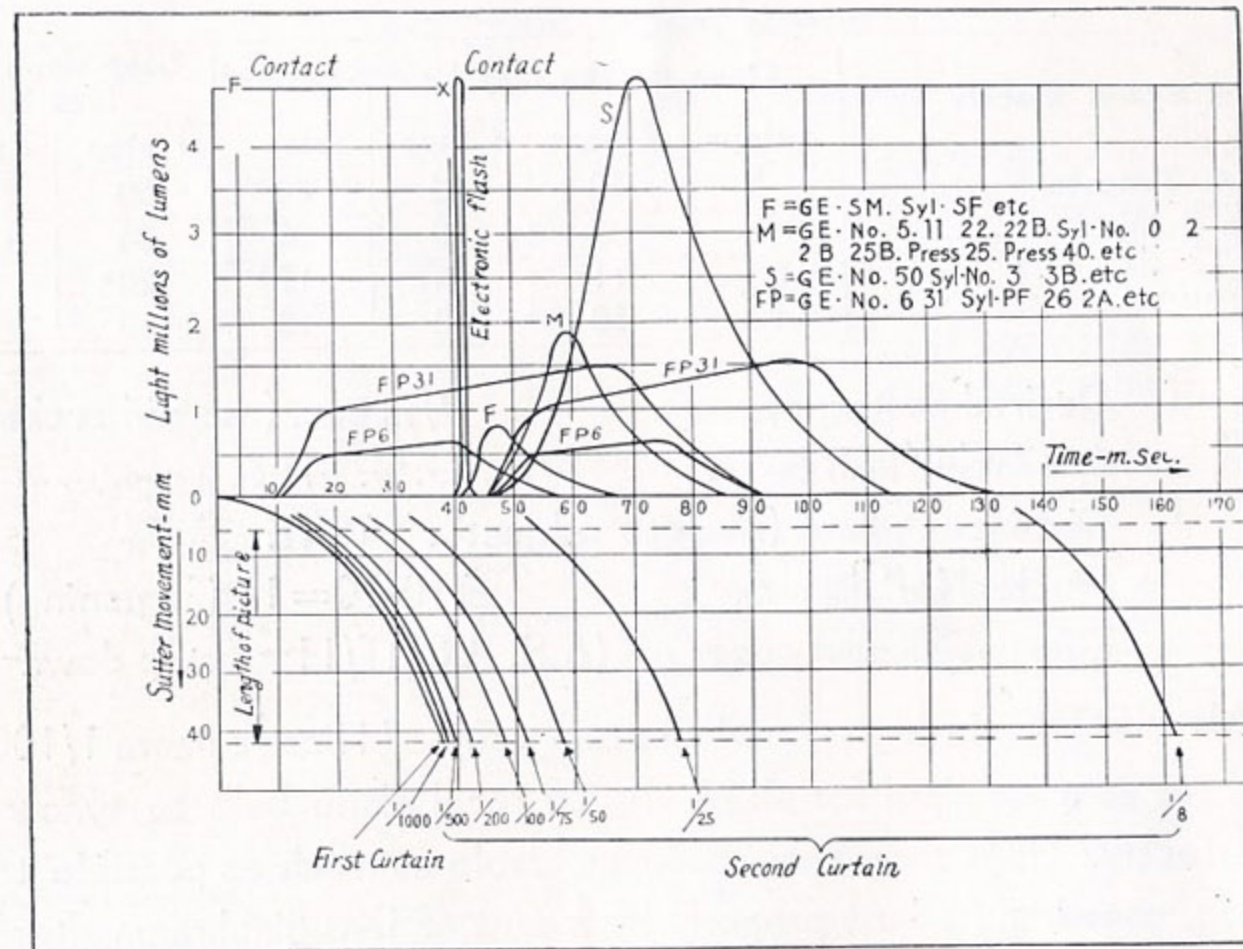
Guide No/Distance. $110/10 = 11$ (f opening)

Film used Kodak super XX (A.S. A 80) $f/11 \rightarrow 1$ stop down $\rightarrow f/16$

SPECIAL NOTE

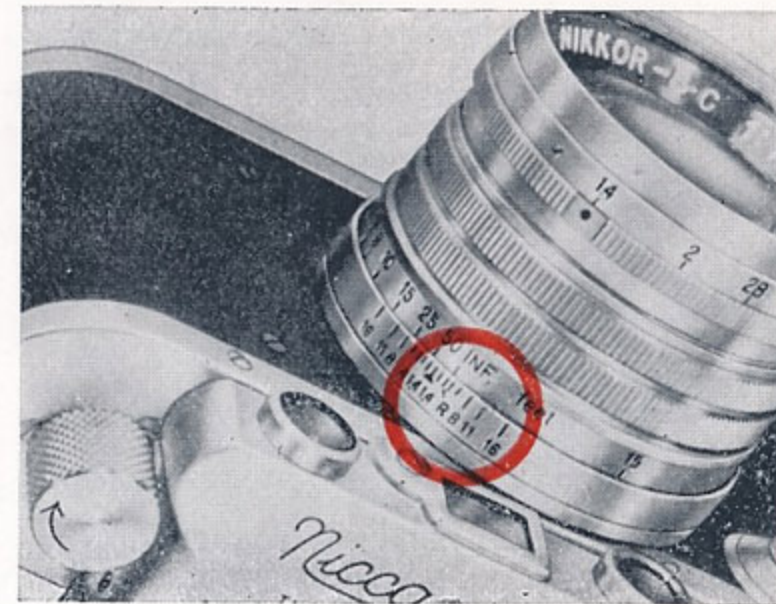
In high speed shutter group of Nicca camera $1/100$ sec. speed is set as a standard for all classes of focal plane bulb to synchronise most perfectly. It is therefore recommendable as much as possible to use $1/100$ sec. speed and adjust properly by means of lens diaphragm alteration.

SYNCHRONISATION CHART



10. INFRA-RED PHOTOGRAPHY

Latest "Nikkor" Lenses bear a mark "R" on the depth of focus scale at the base of the lens barrel. When INFRA-RED film and filter are used first focus your camera in the normal manner then lengthen the focus slightly moving the point you have obtained on the distance scale from the normal arrow to the red "R". This provides the necessary correction for INFRA-RED photography.

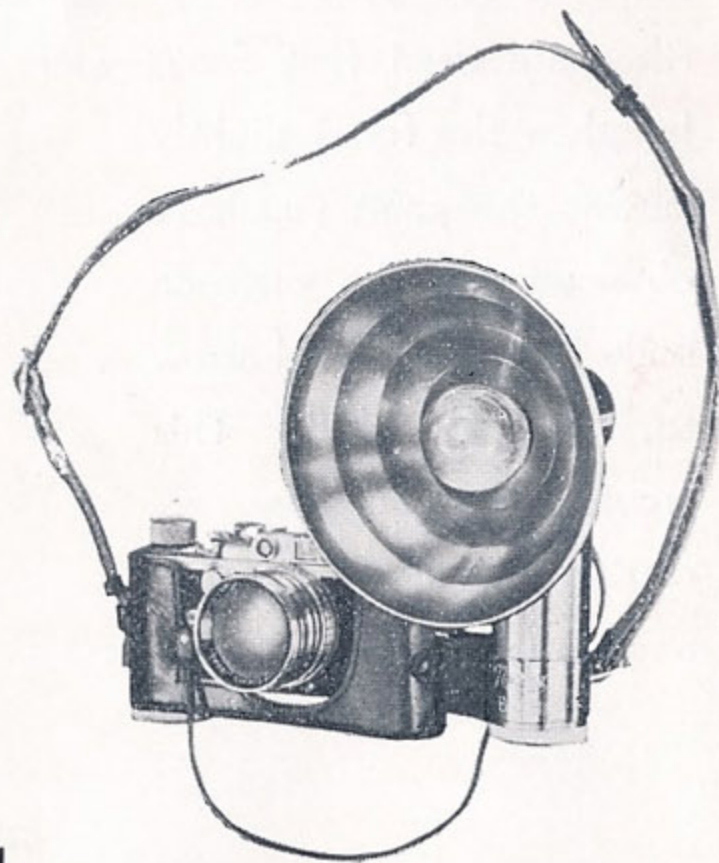


SPECIAL NOTE:

Leather case for Nicca Camera

A specially designed flash-gun bracket is incorporated in the leather case so that the camera need not be removed when using the patented Nicca flash-gun.

Nicca camera may be used with any flash-gun but the company strongly recommends the Nicca patented precision flash-gun for best results.



11. SUPPLEMENTARY LENSES

There are a number of accessories available for your new NICCA 35 mm Camera. One of the most unique features in the versatility of this camera is the fact that the lenses are interchangeable. The lenses are all standardized and many of the famous Leica lenses will fit the NICCA 35 mm camera, and the NIKKOR lenses will fit any of the Leica cameras.

The interchange of lens is done easily. All you have to do is screw the lens approximately $2\frac{1}{2}$ turns by the base flange. The lens should fit moderately tight to bring it into proper position. **When changing lenses, the open camera body should be protected from strong sunlight.**

All of the NIKKOR lenses for use with the NICCA 35 mm camera are equipped to couple with the rangefinder. The same principle is used for the telephoto or wide angle lenses as is used with the standard 50 mm lenses. Thus, the regular rangefinder is used for all NIKKOR lenses. All NIKKOR accessory lenses come in beautiful, russet-brown plush lined carrying cases.

WIDE ANGLE 28 m/m LENS.



23

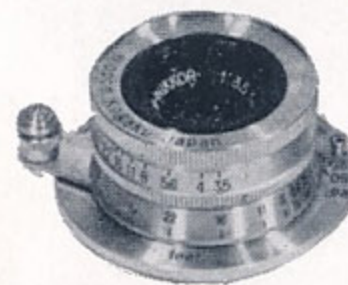


f/2.8

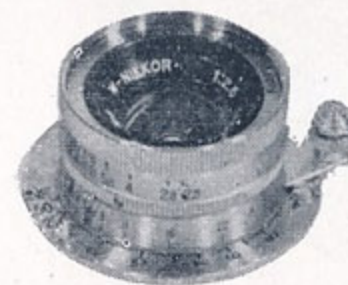
WIDE ANGLE 35 m/m LENS



24



f/2.5



f/3.5

STANDARD 50 m/m LENS



f/2

25



f/1.4

TELEPHOTO
85 m/m LENS



f/2

26



f/1.5

TELEPHOTO 135 mm LENS



12. UNIVERSAL VIEWFINDER

When using the NICCA 35 mm camera with any lenses other than the standard 50 mm lens, the field covered is either greater (as in the case of the wide angle lens) or smaller (as in the case of the 85 mm or 135 mm telephoto lens).

To determine the correct field of view for those wide angle or telephoto lenses, a special viewfinder must be employed. The Universal Viewfinder is especially designed for use with lenses from 35 mm to 135 mm focal length. It can be used with all focal length lenses produced for the NICCA 35 mm camera, and may also be used on the Leica with any lenses equivalent to the following NIKKOR lenses :

28 mm f/3.5, wide angle lens.

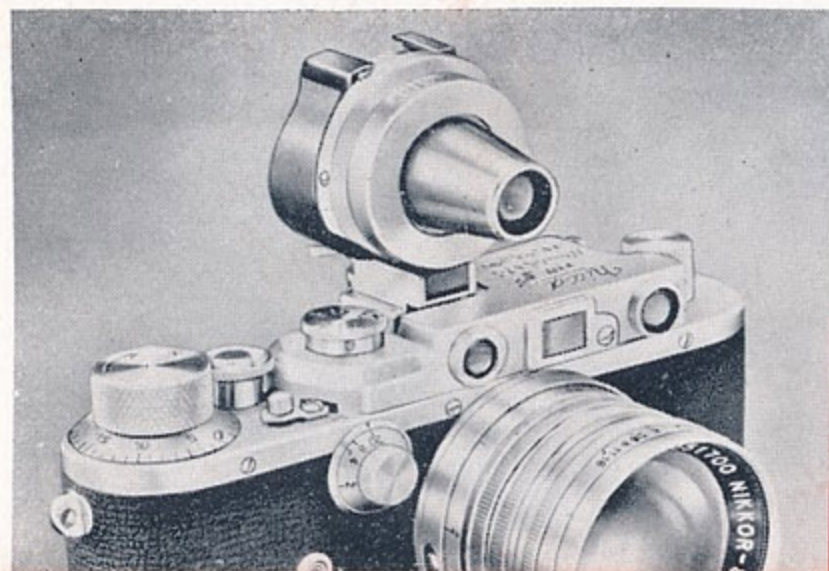
35 mm f/2.5 or f/3.5 wide angle lens.

85 mm f/2 or f/1.5 telephoto lens.

135 mm f/3.5 telephoto lens.

The Universal Viewfinder is calibrated to be used with 91 mm and 105 mm lenses, as well as the above listed NIKKOR lenses. To use the Universal Viewfinder, slip it in the accessory clip when focus has been obtained, set the parallax adjustment scale in conformity with the distance range on the barrel of the lens. The exact size of the field of view is obtained by setting the indicator to the scale shown

on the body of the finder. Use the shorter indicator for distances of 5 feet or less and the longer indicator for distances above 5 feet.



Nicca Accessories

Hand stitched high grade leather case.

Lens hoods and filters of all kinds.

Flash unit for Nicca and other cameras.

Side lighting unit and extension cord.

Self-Timer, and cable release for any Leica type camera.

Film magazine.

Synchroniser cords (standard and 1 m length)



Nicca



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