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INSTRUCTIONS

For the Use and Care of

SPARTUS "35F"

MINIATURE CAMERA

With Flash Attachment

●

Equipped With

F. 7.7 ACHROMAT LENS

50 MM.

In Focusing Mount with Built-in K-2 Filter

●

Distributed By

THE SPENCER CO.

715 W. Lake St.

CHICAGO 6, ILL.

No. 400

Printed in U.S.A.

CAUTION

This camera is a fine instrument, built with precision to insure consistent photographic excellence. It should always be handled carefully, in accordance with the simple instructions given herein. You will be rewarded for your care with uniformly satisfactory pictures.

Before starting to take pictures, familiarize yourself thoroughly with the many features of the camera.

TO LOAD CAMERA

Remove the back cover by pushing the projecting spring gently backward with thumb.

Pull out the film rewinding knob, which is located on the bottom of the camera. Remove film magazine from container, and insert in right-hand film receptacle so that the stud on the magazine engages the slotted end of the film rewinding knob. Push rewinding knob back into position to lock the magazine into the camera.

Pull the free end of the film out, and slip into the slot of the winding spool, engaging sprocket holes in the film with the sprocket. Then turn knob one complete turn in direction of arrow. Be sure film is in position between film guides. Replace back on camera.

CAUTION: When replacing the back, make certain that the film release button on the back is toward the upper left hand corner of the camera. This will assure that the back is not being replaced up-side-down and will thus avoid the possibility of breaking the back.

Depress the film releasing button, which is located in the upper left hand corner of the back of the camera and turn the winding

TO LOAD CAMERA—Cont.

knob one-quarter turn. Release the film releasing button and continue to turn the winding knob until film stops. Repeat this operation again, to be sure that the film exposed while loading camera has passed the aperture. (Do this only when loading camera.)

Turn exposure counter to left until (0) Zero lines up with white index line in front of dial.

TO UNLOAD CAMERA

After all film has been exposed, depress film release button and turn film **re-winding knob** until **winding knob** stops **turning.** Remove back from camera, and pull out **re-winding knob.** Remove film magazine and place in original container to prevent exposure to light.

TO TAKE PICTURES

There are three adjustments necessary on the lens mount before taking pictures. 1. Set the "Time and Inst." lever to "Inst." position. (See additional paragraph for "Time" exposures). 2. At the bottom of the lens mount is an indicator which is movable to indicate any of the following markings, F. 7.7, F. 11, F. 16 and K-2. (For use of K-2 marking see separate paragraph.) This indicator when placed at the three first named markings indicate various aperture openings. Their use is to allow the proper amount of light to pass thru the lens opening controlling various degrees of brightness. For general use in bright sunlight the indicator should be turned to F. 16. For medium brightness use F. 11 and for dull or hazy conditions use F. 7.7. Be sure that the opening in the aperture is in the exact center of lens after adjusting the

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indicator. 3. After selecting and setting the indicator to the correct position, estimate the distance in feet your subject is from the camera and then turn the lens mount so that the corresponding distance engraved around the lens barrel is underneath the indicator pin. Distances not indicated on the mount can be approximated between the figures shown. The camera is now ready for picture taking.

Hold camera firm and center subject to be photographed in viewfinder. Press shutter trigger down firmly and exposure is completed.

To prepare for next exposure, depress film release button as far as it will go. Turn winding knob quarter of a turn, then release the release button and continue to turn the film winding knob until film stops. Always do this after each exposure to avoid possibility of double exposure. In all, 36 pictures may be taken on a roll of film.

Time exposures of still objects may be taken with this camera. To take such pictures, set time lever at "Time" position. The shutter then remains open as long as trigger is held down. Camera must always be held absolutely still when taking time exposures. The use of a tripod is recommended.

A very novel feature has been incorporated into your camera by the installation of a K-2 yellow filter in the aperture. When the indicator is turned to the K-2 location the filter is in position. This is used under bright conditions when taking pictures of the sky and of water of bluish cast. Since film is very sensitive to blue it photographs as a very pale gray but with the filter in use the

blue light is held back and the blue now will be darker giving a greater contrast. This then enables you to see the white clouds. Many other interesting uses of the filter are possible and are completely explained in many manuals on picture taking. Do not use the filter when taking color pictures.

FILM AVAILABLE

This camera uses any standard 35 mm. black and white or color film either in spools or in bulk. If bulk film is used, be sure that it has not been exposed while loaded in cartridge. When taking flash pictures, for best results, we recommend the use of Eastman Super XX, Ansco Super Pan Press or any reliable film with a film speed rating of 100.

TO TAKE FLASH LIGHT PICTURES

The Flash-Gun supplied with your camera requires very little attention, and only the following steps are necessary to put it in operating condition:

1. Remove protective paper covering from reflector. This will peel off very readily. After paper is removed, the reflector should be polished with a soft cloth or tissue. This should be repeated at intervals to keep reflector clean and highly reflective.
2. Two "Pen-Lite-Type" dry cell batteries must be installed in the battery tube. To do this, remove the aluminum cap on the top of the tube by turning it to the left and then pulling it off. Insert the first battery with the positive end (the end with the small round nib) downward into the tube and then place the second

battery (same end down) on top of the first battery. Now the cap should be replaced by placing it on the tube turning it until the pin in the cap and the slot in the tube line up then it will fall into position. It should then be turned to the right in its locked position. It is now ready for installing on the camera.

Your camera is equipped with a synchronized shutter and no adjustments on the camera are necessary, other than to place the flash-gun in its position. This is done by inserting the rear prong of the gun into the rear receptacle on the camera. In this position the round knurled thumb screw will be over the threaded stud on the camera. Now engage the thumb screw on the stud and turn to the right as tight as possible to lock the gun in position.

The last important step essential to taking flash pictures is the installing of the flashlight bulb. This is done by merely screwing same into the socket, the same as you would screw in an ordinary light bulb. Now adjust the reflector in line with the camera lens by revolving it on the battery tube. Also adjust it up and down to accommodate the particular type of flash bulb you are using. With your unexposed film indexed to the next number and your subjects in position, you are now ready for a flash shot. After the shot is completed the film should be turned to next number, the burned out bulb removed and a new one inserted, to be ready for the next shot.

IMPORTANT: When operating the shutter press it firmly and gently downward (do not hesitate or stop during the down stroke) until

it clicks and then release. This will assure good synchronization and even exposure.

When the flash-gun is removed from camera and contains batteries, do not place it on any metallic object. This may cause a short circuit across the connector prongs which will ruin the batteries. If the gun is to be stored away for a considerable length of time, it is advisable to remove the batteries from the tube. Your flash-gun will accommodate five of the most popular size bulbs obtainable, namely:

mike butkus
Digitally signed by mike butkus
DN: cn=mike butkus, o=orphancameras, ou=29, email=mike@butkus.org, c=US
Date: 2018.01.22 18:38:10 -05'00'

Wabash #25
Wabash # 0
Wabash #40
Gen. Elec. # 5
Gen. Elec. #11A

To use the Wabash #25 or the G.E. #5, an adapter is necessary. These can be procured at your local photo supply store for a nominal fee.

It is not recommended that flash shots be made at a distance greater than twelve feet.

The batteries for the flash-gun are obtainable from your photo supply dealer, hardware, or department store. They have a shelf life of six months and since the current consumed by the flash bulb is very small, they should last you for this period with normal use. If ever in doubt as to the condition of the batteries, it is advisable to obtain new ones. Their cost is very reasonable.

With a minimum amount of care and caution, you should get very fine results and derive a good amount of pleasure with this equipment

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TAKING COLOR PICTURES

To take color pictures outdoors, use any standard 35 mm. outdoor colorfilm. The subject must be in bright sunlight to take snapshots. The best time of the day to take color pictures is late morning or early afternoon. At noon the light is too high and tends to give an unnatural appearance. Do not attempt to take snapshots when the subject is in shadow, or the light is too dull. Follow instructions that accompany your film.

To take color pictures indoors, take any standard 35 mm. indoor color film. For lighting use photo flood lamps in reflectors. Do not mix daylight with photo floods. If possible, use a good exposure meter to give the correct exposure time.

VIEWING COLOR PICTURES

The color pictures can best be viewed by mounting them in standard 2" x 2" glass slides and projecting on any standard projector or viewer.

THINGS TO REMEMBER

1. Be sure diaphragm is properly set according to light condition.
2. Set focusing mount to proper distance.
3. Advance film after each exposure to avoid spoiling your pictures by double exposure.
4. Before and after using, always clean lenses with a soft, dry cloth to remove dust, fingerprints, etc.
5. Do not take pictures facing the sun. The sun should be behind your back when taking pictures.

Things To Remember—cont.

6. Locate your subjects in the position desired in the viewfinder. The camera takes slightly more than you actually see through the viewfinder.
7. Be sure to hold camera still when taking pictures at all times. When taking time exposures, the use of the tripod is strongly recommended.
8. Place time lever to "INST" when taking snap shots and to "TIME" position when taking time pictures. Reset time lever to "TIME" position after each time shot.

SPECIAL FEATURES

1. Focusing Lens Mount.
2. Built-in K-2 Yellow Filter.
3. Takes regular black and white photos as well as color pictures indoors and out.
4. Built-in synchronous shutter and detachable flash gun.
5. Takes snap shots and time exposures.
6. Has eye-level centering viewfinder.
7. Fully guaranteed.
8. Simple to load. Easy to operate.

Protect **YOUR** *Camera*

WITH A CUSTOM-BUILT CARRYING CASE

$3.50

ADDS TO EASE OF OPERATION . . .
INCREASES JOY OF PICTURE TAKING

Here's a handsome carrying case especially designed for your Spartus "35F" Camera . . . Drop front permits candid shooting without removing camera from case . . . Made of selected brown simulated leather, sturdily reinforced for maximum wear.

Available from your dealer or send Check or Money Order for $3.50 and include name of dealer.

GUARANTEE

This camera is guaranteed against defective workmanship and materials for a period of 1 year. If service is required, return camera to factory with this guarantee, enclosing $1.00 for handling and postage.