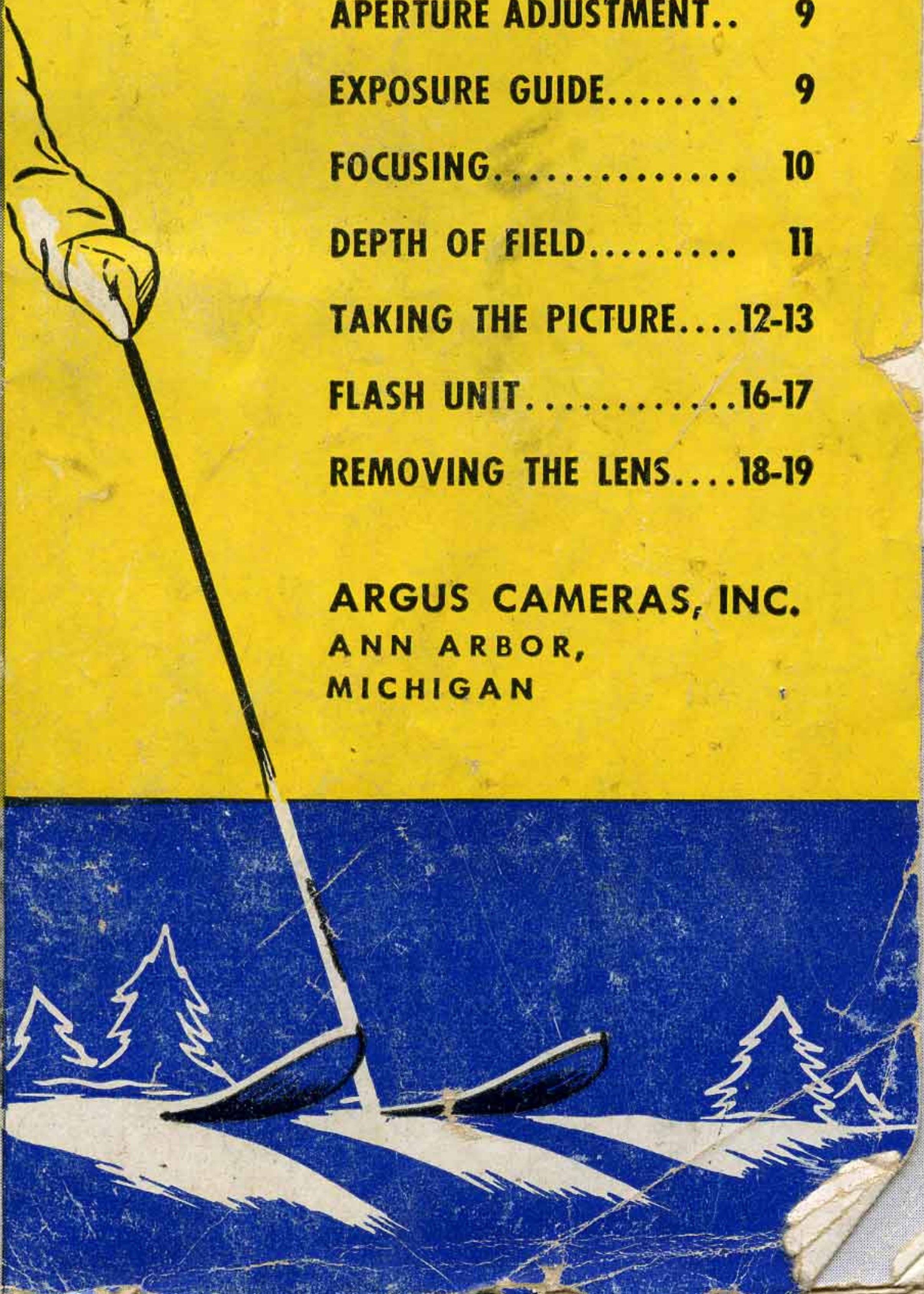




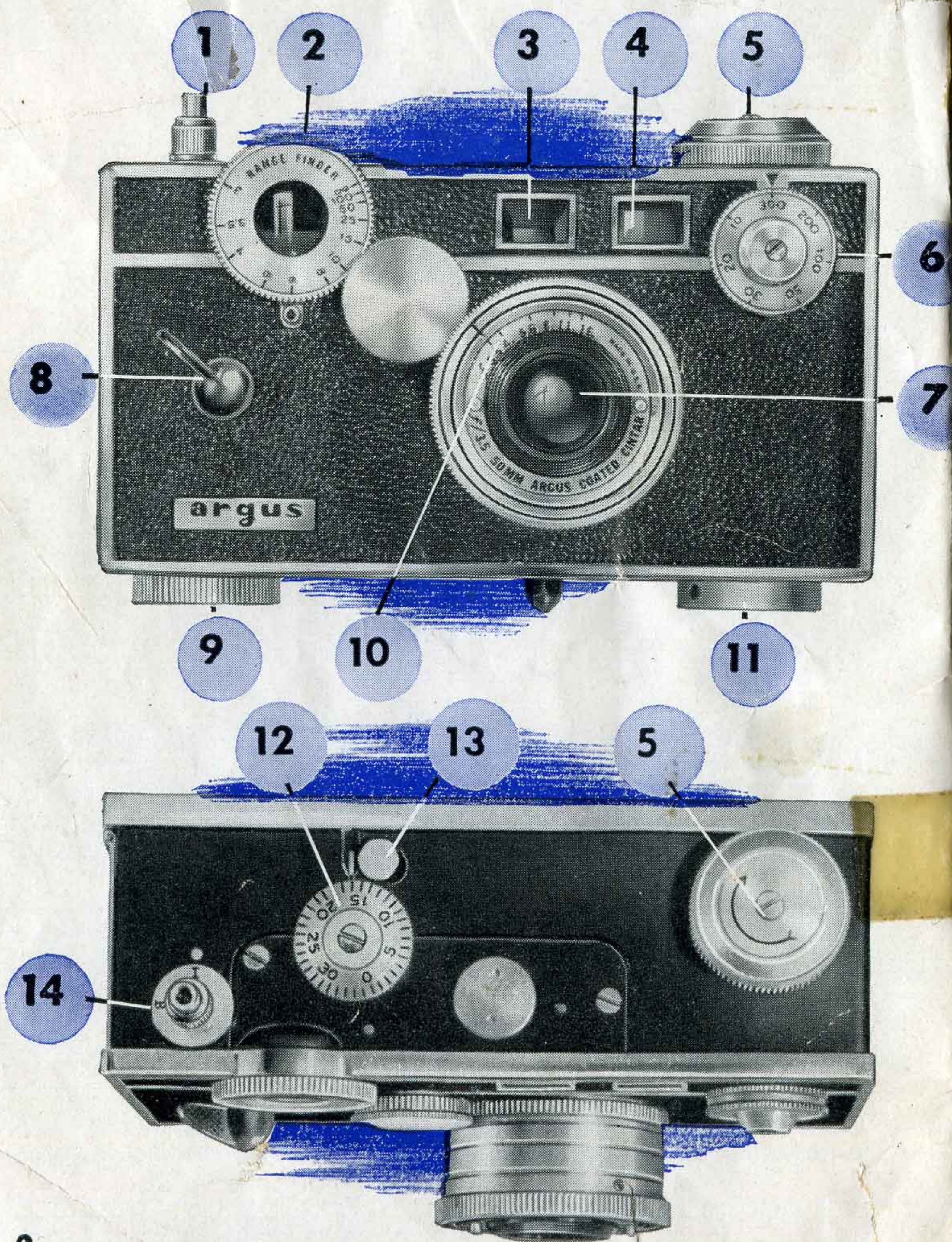
HOW TO USE YOUR **argus c 3**

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ARGUS CAMERAS, INC.
ANN ARBOR,
MICHIGAN



argus C3



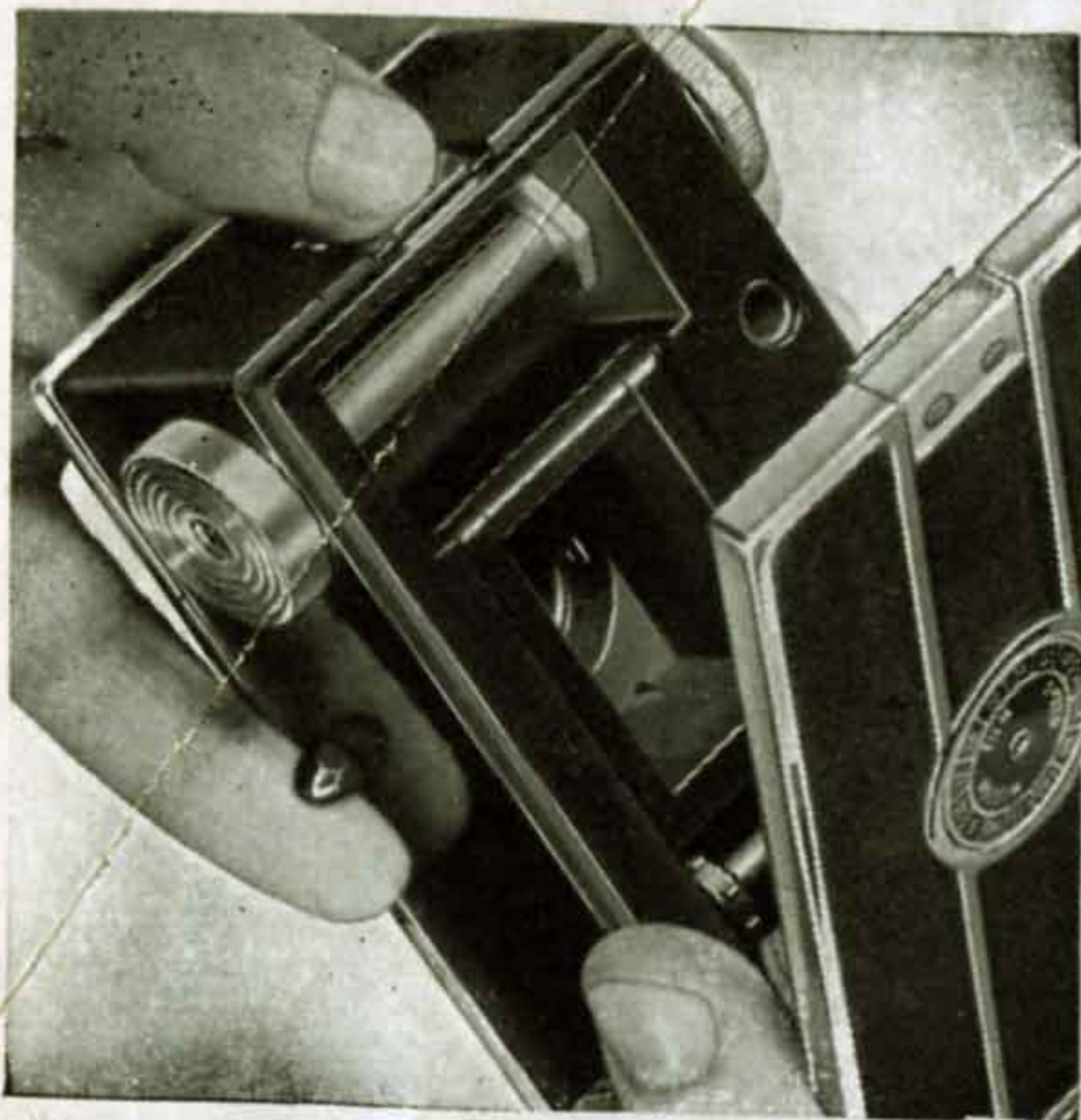
Argus C3 is America's most popular 35 mm. Flash Camera. Combining the three most wanted features: coupled range-finder, factory synchronized flash, and coated f 3.5 lens, it will perform well for you indoors or out, in fair weather or foul. The advanced design incorporates features to help you obtain good pictures in black and white or color. It is a precision instrument and should receive the care accorded a fine watch, though it is rugged in construction and will give you years of picture-making enjoyment. To obtain the utmost from your Argus C3 read this instruction book carefully so you will thoroughly understand its operation.

- | | |
|-----------------------|-----------------------------------|
| 1 Shutter Release | 8 Shutter Cocking Lever |
| 2 Range Finder Dial | 9 Rewind Knob |
| 3 Range Finder Window | 10 Aperture Dial |
| 4 Viewing Window | 11 Tripod Bushing |
| 5 Film Wind Knob | 12 Film Counter Dial |
| 6 Shutter Speed Dial | 13 Film Catch |
| 7 Lens | 14 Bulb and Instantaneous Setting |

LOADING

USE STANDARD 35 MM. FILM. BLACK-AND-WHITE OR COLOR

Unload p15



1

Open the camera by depressing the catch at one end of the camera.

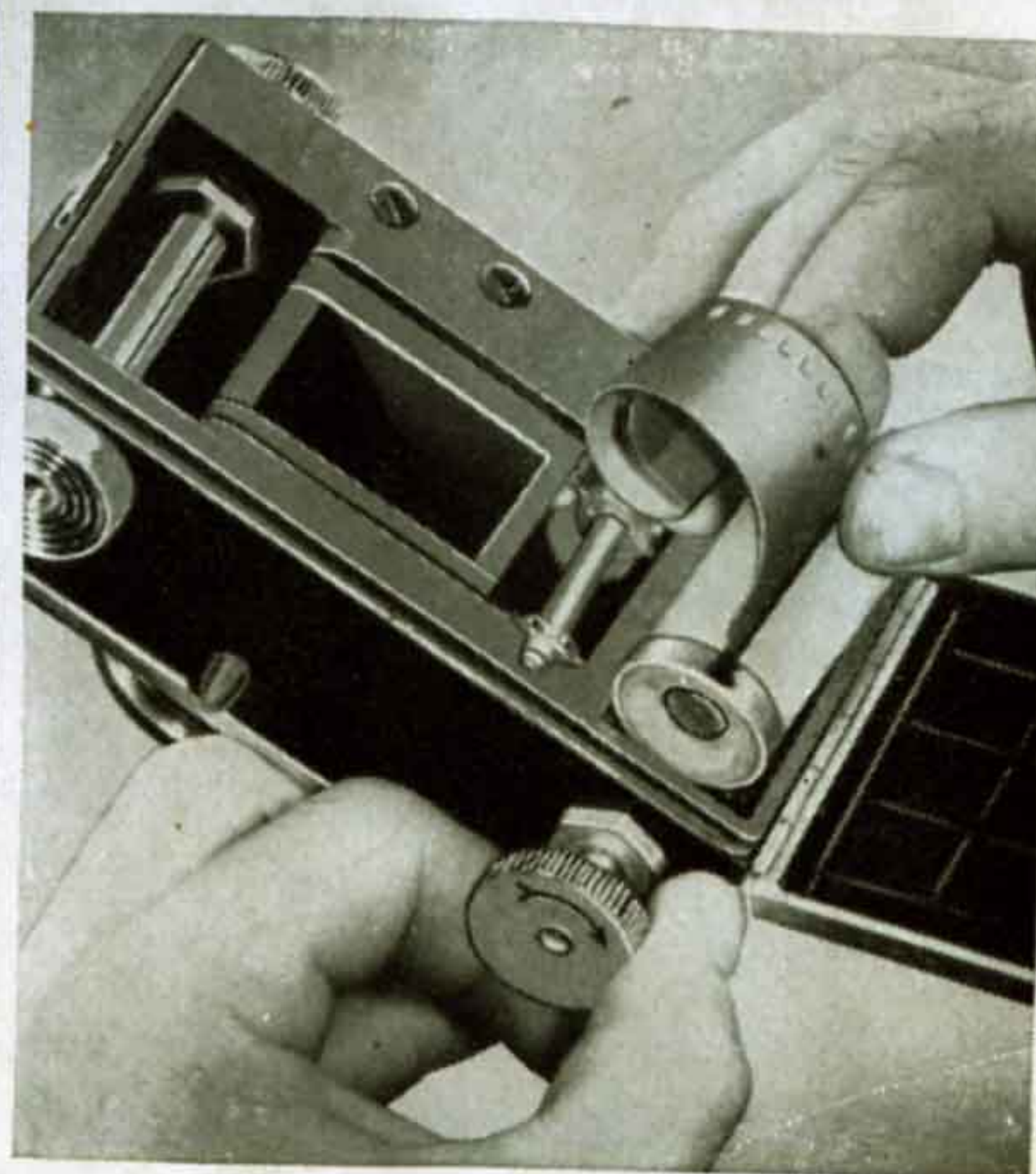


3

Push rewind knob in (it may be necessary to turn it slightly).

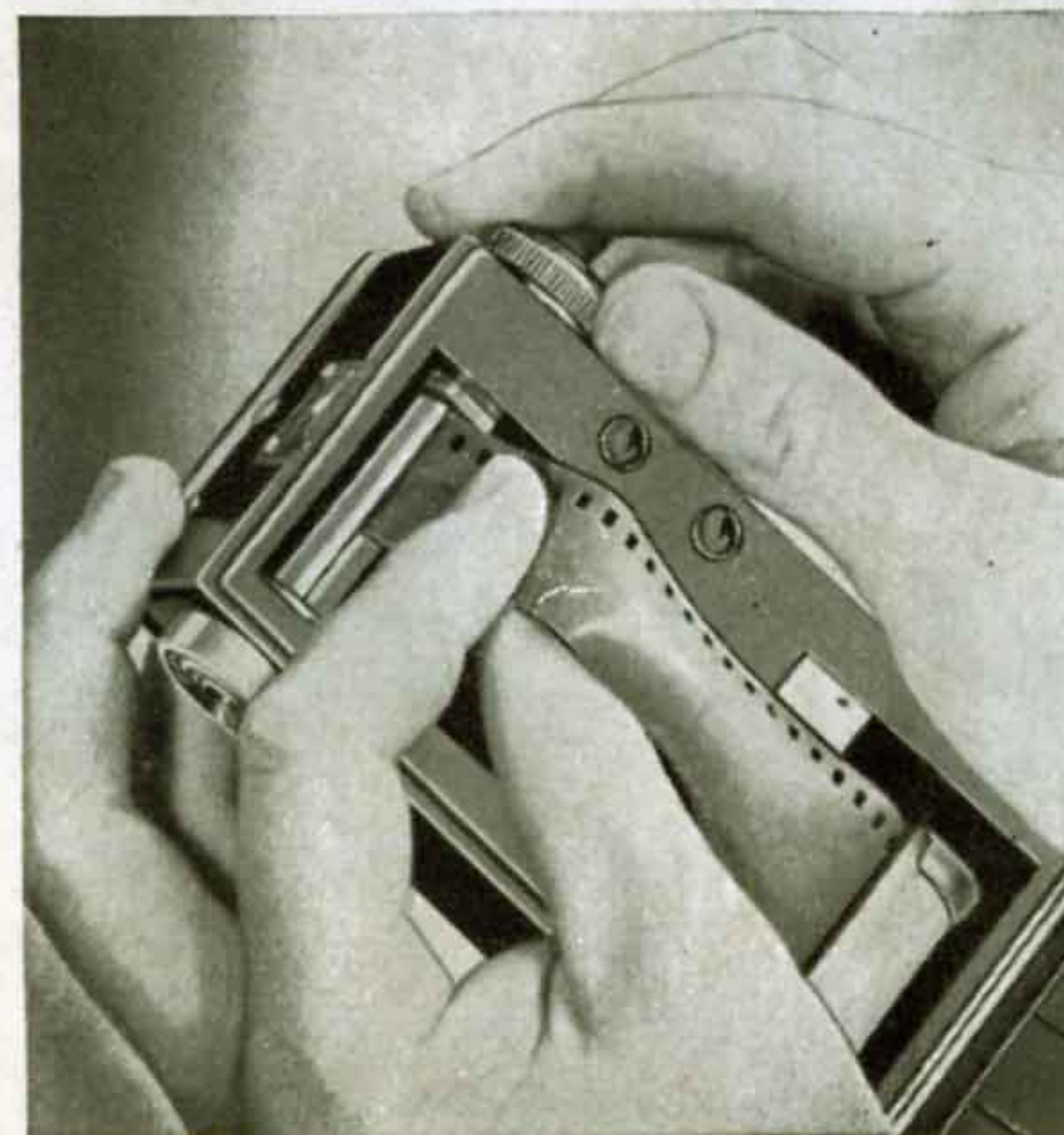
2

Pull out rewind knob on the bottom of the camera, and insert the 35 mm. film cartridge.



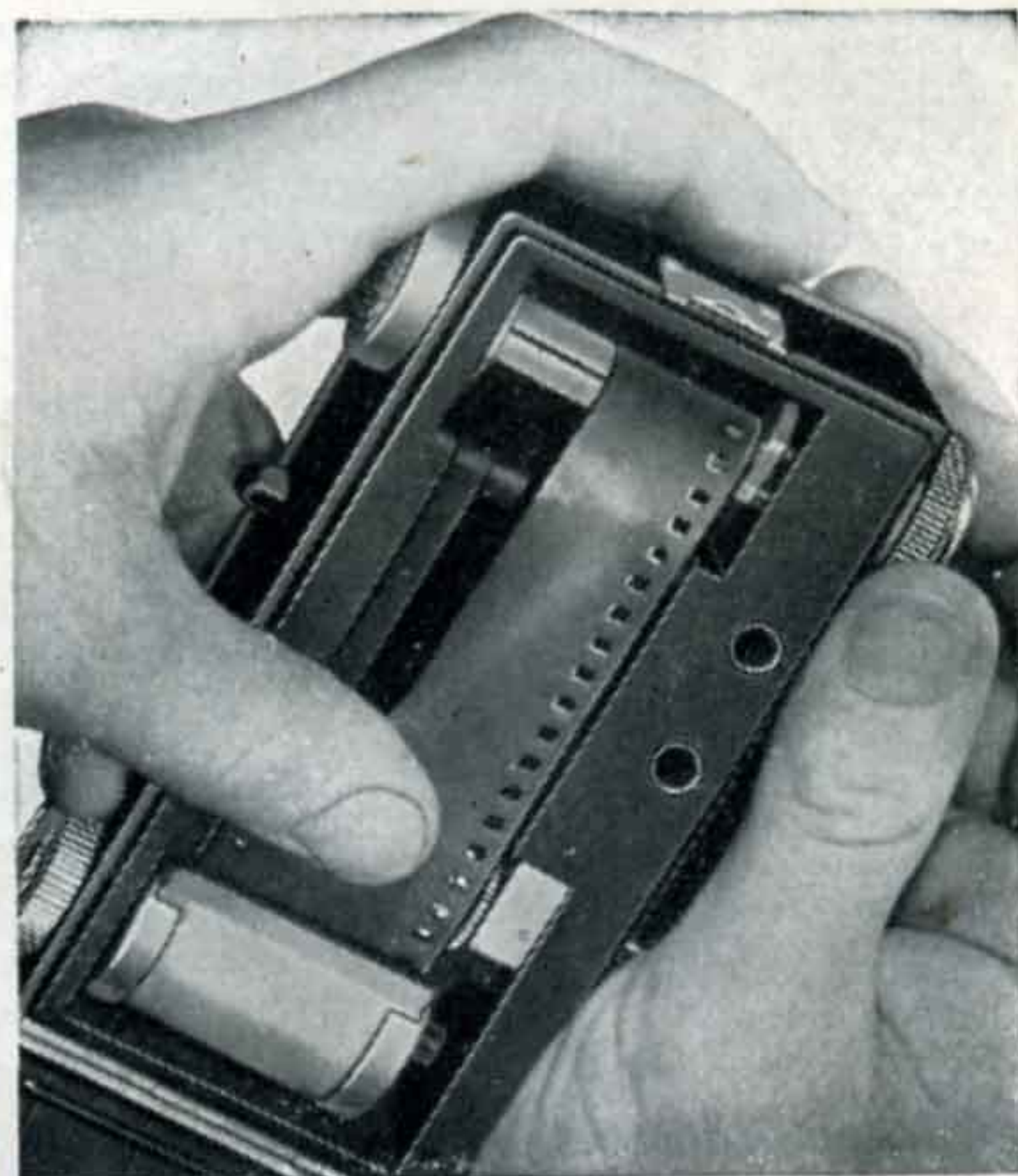
4

Thread end of film in the slot on the take-up spindle. Thread end of film completely through slot on the take-up spindle. Turn wind knob approximately one-half turn until film folds under itself and is secure on shaft.



5

Give the winding knob a couple of turns to make sure film is secure on take-up spindle. Make sure sprockets engage holes in film. If sprockets stop turning release film catch. (See Illustration 7.)



7

Turn winding knob as far as it will go without forcing. Hold down film catch, and turn winding knob slightly. Release film catch and wind as far as knob will turn. Repeat this operation twice to take up film leader.



8

Set exposure counter dial by turning it counter-clockwise (to the left) until "O" is opposite index line. The camera is now ready for the first picture. The exposure counter indicates the number of pictures taken.



6

Close camera back, making sure the back cover lock slides over the case catch and securely engages it.



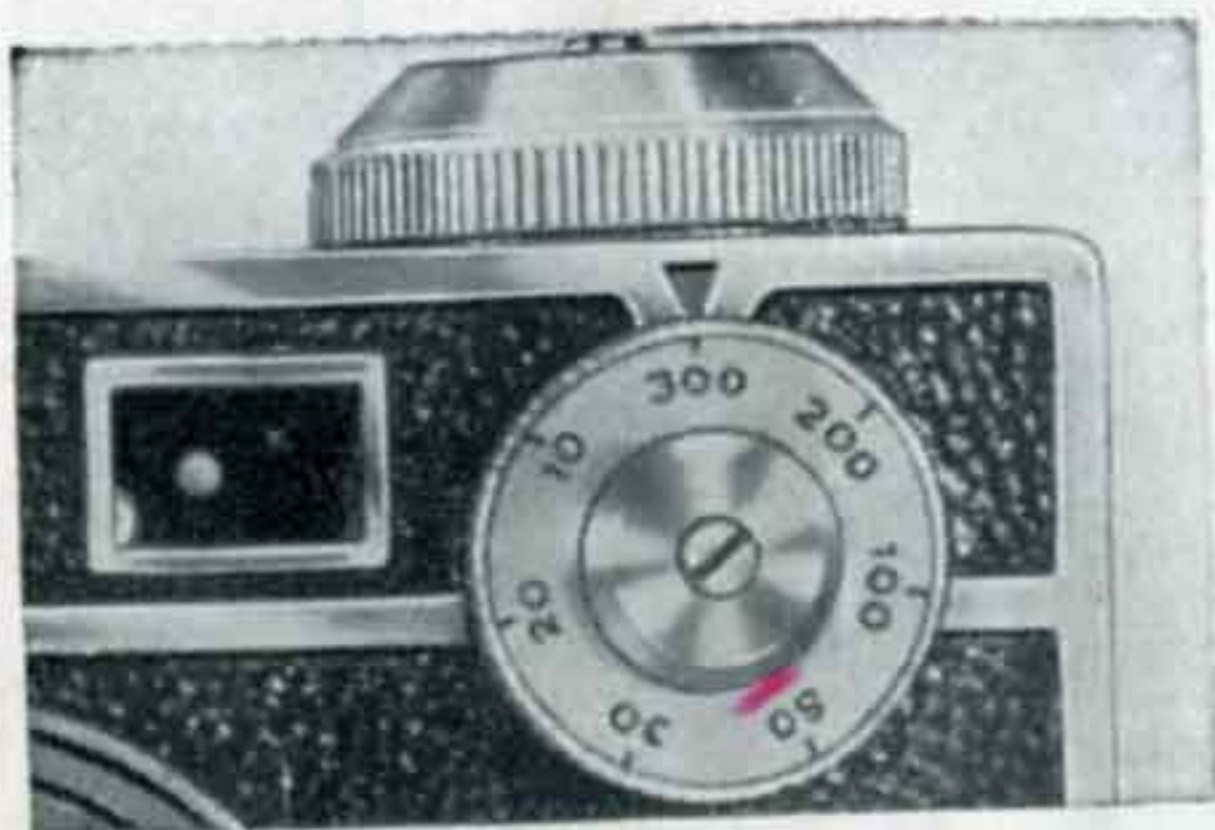
There are four steps to taking pictures with Argus C3:

Shutter adjustment, according to the type of subject.
Aperture, or lens adjustment, according to the light condition.

Focusing, according to the distance from camera to subject.

Exposure, or taking the picture.

Think of the word SAFE and you will get into the habit of making each step in the correct order.



To adjust the shutter, turn speed dial counter-clockwise (to the left) until speed desired is opposite index mark. (See Exposure Guide on opposite page.) Intermediate speeds will result if dial is set between speed figures.

For longer exposures than 1/10 second, turn knurled base of shutter release clockwise $\frac{1}{4}$ turn until "B" is opposite the white dot.

The indicator must be set at "I" when using shutter speeds on the speed dial.

When set at "B," pressure on the shutter release opens the shutter, and it remains open until pressure is released.

When thus set, the camera must be on a steady support.

The extra tension when setting speed dial at 10 is a normal condition.



OUTDOOR EXPOSURE GUIDE

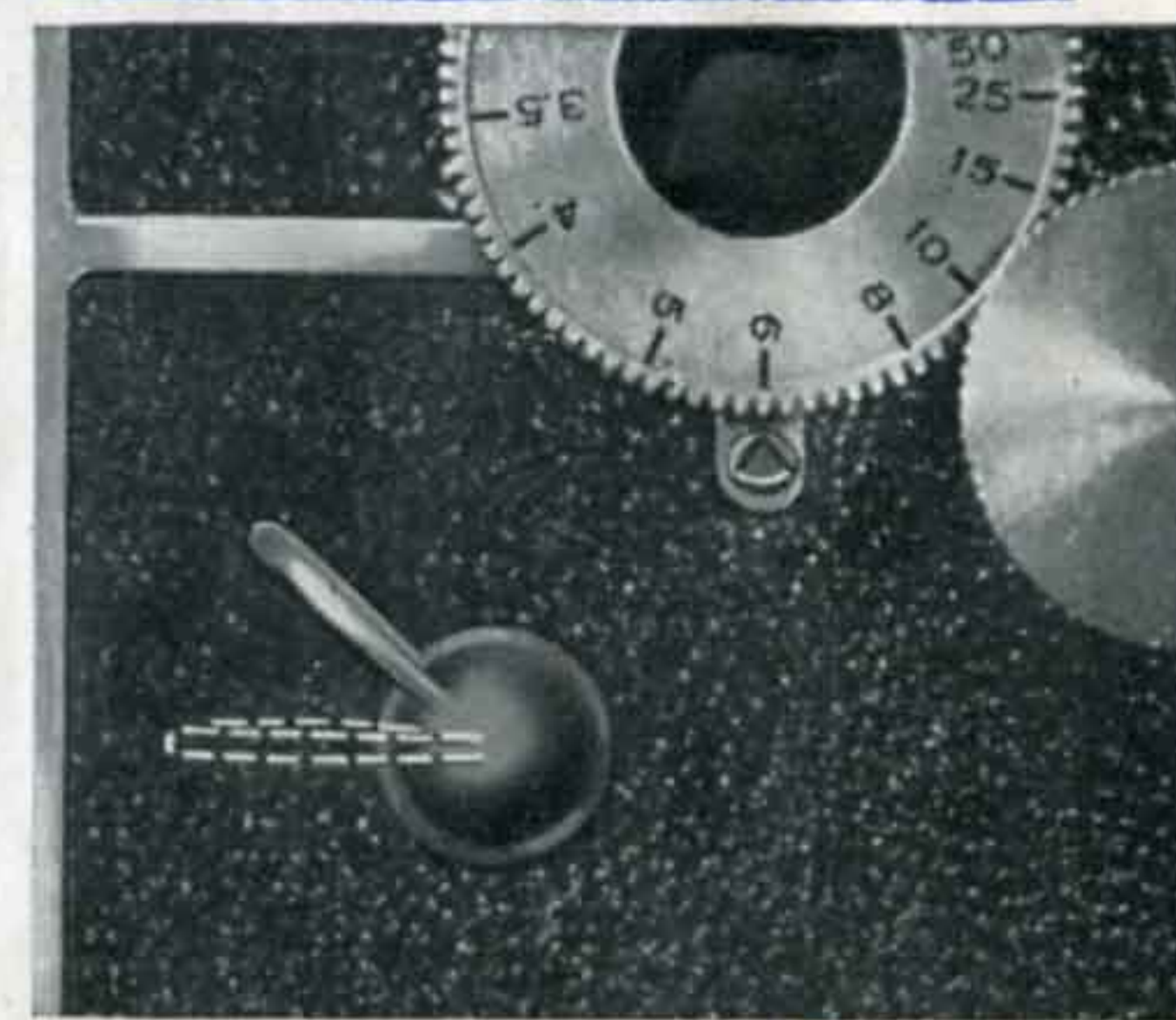
For Average Fast Film Like Kodak Plus X, ANSCO Supremo, etc.

Subject	Brilliant	Bright	Cloudy-Bright	Cloudy-Dull
Beach, Water and Snow Scenes; Distant Landscapes.	Shutter 1/100 Lens f/16	1/100 f/11	1/100 f/8	1/100 f/5.6
Close-ups in Beach, Water and Snow Scenes; Landscapes with Fore-ground.	1/100 f/11	1/100 f/8	1/100 f/5.6	1/100 f/4
Pictures of People, Children at Play, Gardens, Houses, Street Scenes.	1/100 f/8	1/100 f/5.6	1/100 f/4	1/50 f/4
All Subjects in Open Shade; Not Under Trees or Porches.	1/100 f/5.6	1/100 f/4	1/50 f/4	1/25 f/4

For color see instructions supplied with film

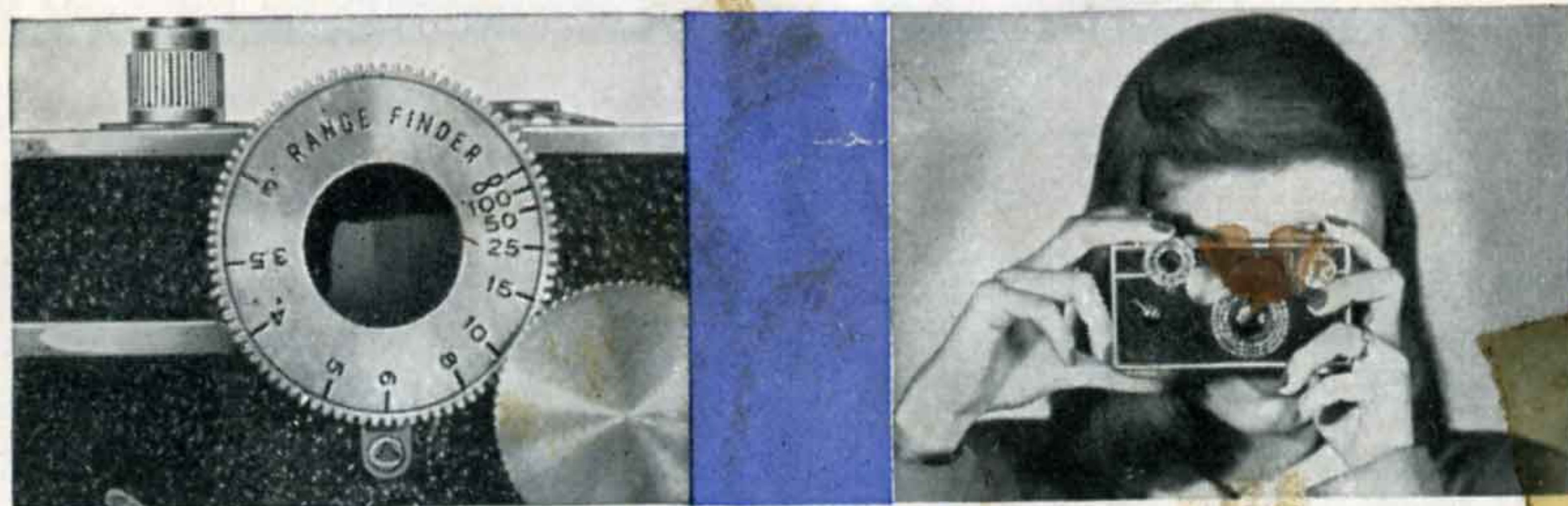
For indoor pictures see instructions supplied with flood and flash bulbs

Argus C3 has a gear controlled shutter and must be cocked before taking the picture. To do this, press setting lever down as indicated by the dotted lines in the illustration.



To adjust the aperture (lens opening) rotate aperture scale until correct f number is opposite index line. (See Exposure Guide above.)

RANGE FINDER



The Argus C3 is equipped with a range-finder which is coupled to the focusing lens mount. When the range-finder is operated, the camera is automatically focused at the same time.

To focus the camera, using the range-finder, look through the right hand eyepiece on the back of the camera, manipulating the knurled range-finder wheel with the right middle or index finger. The illustrations show how.



out of focus

correctly focused

out of focus

These pictures show how the view through the range-finder eyepiece appears when the subject is out of focus and correctly focused. It is also possible to "guess focus" Argus C3 by estimating the distance and setting this figure (on the knurled range-finder wheel) opposite the index mark.

DEPTH OF FIELD

The "depth of field" table below indicates the range of sharpness in the picture at different lens and focus settings. For example: With the Argus C3 focused on 10 feet, and the lens set at f/16, all subjects between 5' 3", and infinity (∞) will appear sharp. By referring to the table, you can readily determine the range of sharpness for any lens and focus settings.

Distance Focused on	f:3.5 Sharply Focused		f:4 Sharply Focused		f:5.6 Sharply Focused		f:8 Sharply Focused		f:11 Sharply Focused		f:16 Sharply Focused	
	From	To	From	To	From	To	From	To	From	To	From	To
3	2' 11"	3' 2"	2' 10"	3' 2"	2' 9"	3' 3"	2' 8"	3' 4"	2' 7"	3' 7"	2' 5"	3' 11"
3.5	3' 4"	3' 9"	3' 4"	3' 10"	3' 2"	3' 10"	3' 1"	4' 1"	3'	4' 5"	2' 9"	5' 1"
4	3' 9"	4' 4"	3' 9"	4' 4"	3' 7"	4' 6"	3' 6"	4' 10"	3' 3"	5' 3"	3'	6' 1"
5	4' 7"	5' 6"	4' 6"	5' 7"	4' 4"	5' 10"	4' 2"	6' 4"	3' 11"	6' 6"	3' 6"	9'
6	5' 5"	6' 9"	5' 3"	6' 11"	5' 1"	7' 1"	4' 9"	8' 2"	4' 5"	9' 6"	4'	13'
8	6' 11"	9' 6"	6' 10"	9' 10"	6' 5"	10' 9"	5' 10"	12' 8"	5' 4"	16' 4"	4' 8"	32'
10	8' 4"	12' 6"	8' 2"	13'	7' 6"	15'	6' 9"	18' 9"	6' 3"	28'	5' 3"	∞
15	11' 6"	22'	11'	23'	10'	32'	8' 9"	55'	7' 9"	∞	6' 2"	∞
25	16' 6"	53'	15' 8"	63'	13' 9"	162'	11' 6"	∞	9' 6"	∞	7' 6"	∞
50	24'	∞	23'	∞	19'	∞	15'	∞	11' 9"	∞	8' 9"	∞
100	32' 2"	∞	29' 6"	∞	23'	∞	17' 4"	∞	13' 2"	∞	9' 5"	∞
∞	47'	∞	41'	∞	29'	∞	20'	∞	15'	∞	10'	∞

Above table based on circle of confusion, .002" (1/500") ∞ = infinity.

TAKING THE PICTURE



Shown above are the correct methods of holding the Argus C3 for vertical (figure 1) and horizontal (figure 2) pictures. After focusing, shift the eye to the left hand eyepiece (viewfinder) and compose the subject the way you want it.

VERTICAL AND HORIZONTAL



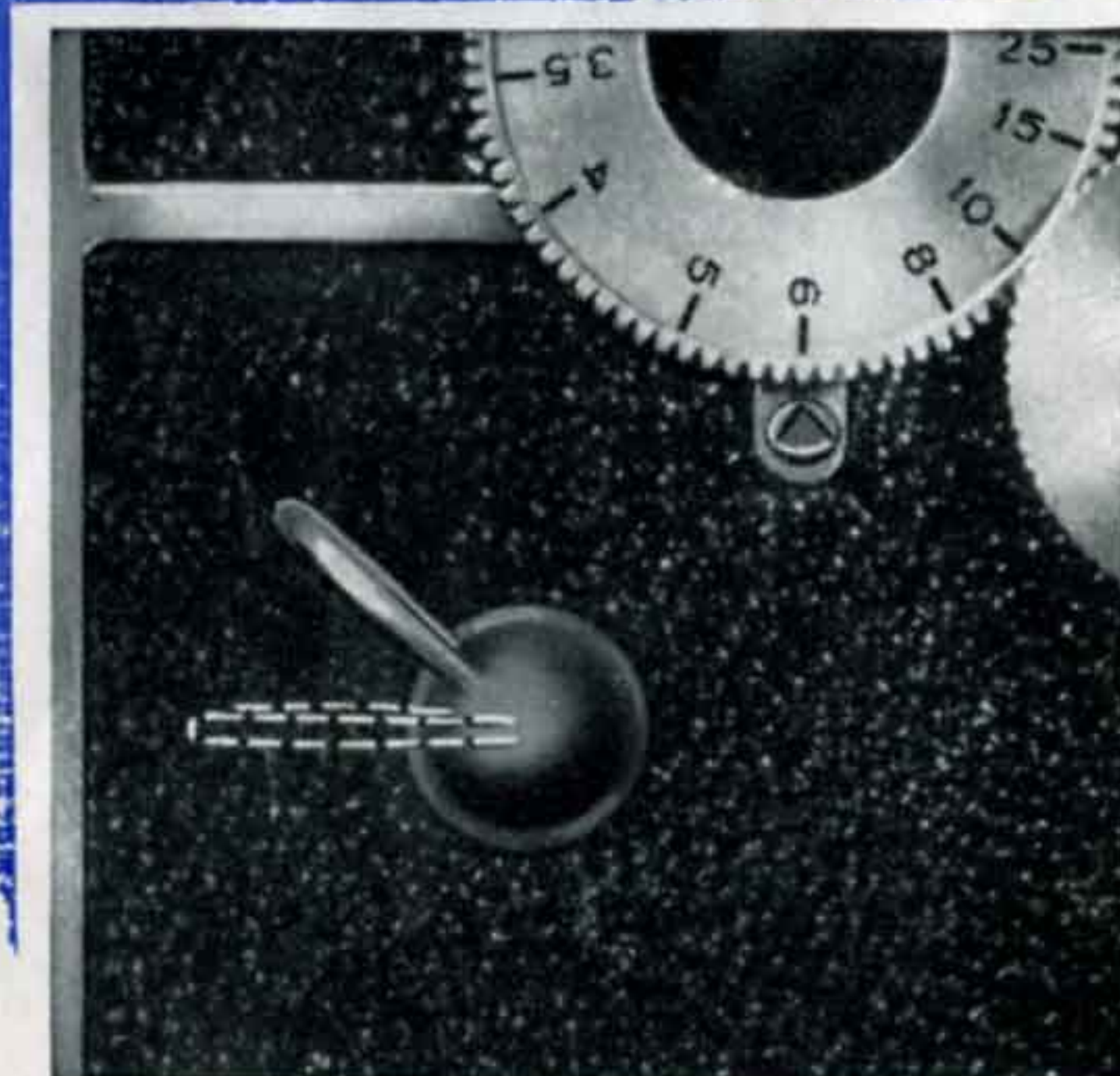
Be sure to hold the camera steady at the moment the picture is taken, and squeeze the shutter release smoothly—using the trigger-squeeze action. Care should be taken that the finger does not interfere with the up-stroke of the cocking lever when the shutter is released.



After each picture is taken, make it a practice to wind the film immediately so the camera will be ready for the next picture. Hold down film catch, and turn winding knob slightly. Release film catch and continue to wind as far as knob will turn without forcing. Watch counterdial to observe next consecutive number.

WIND & SHUTTER SETTING

Be sure to cock the shutter before taking next picture.



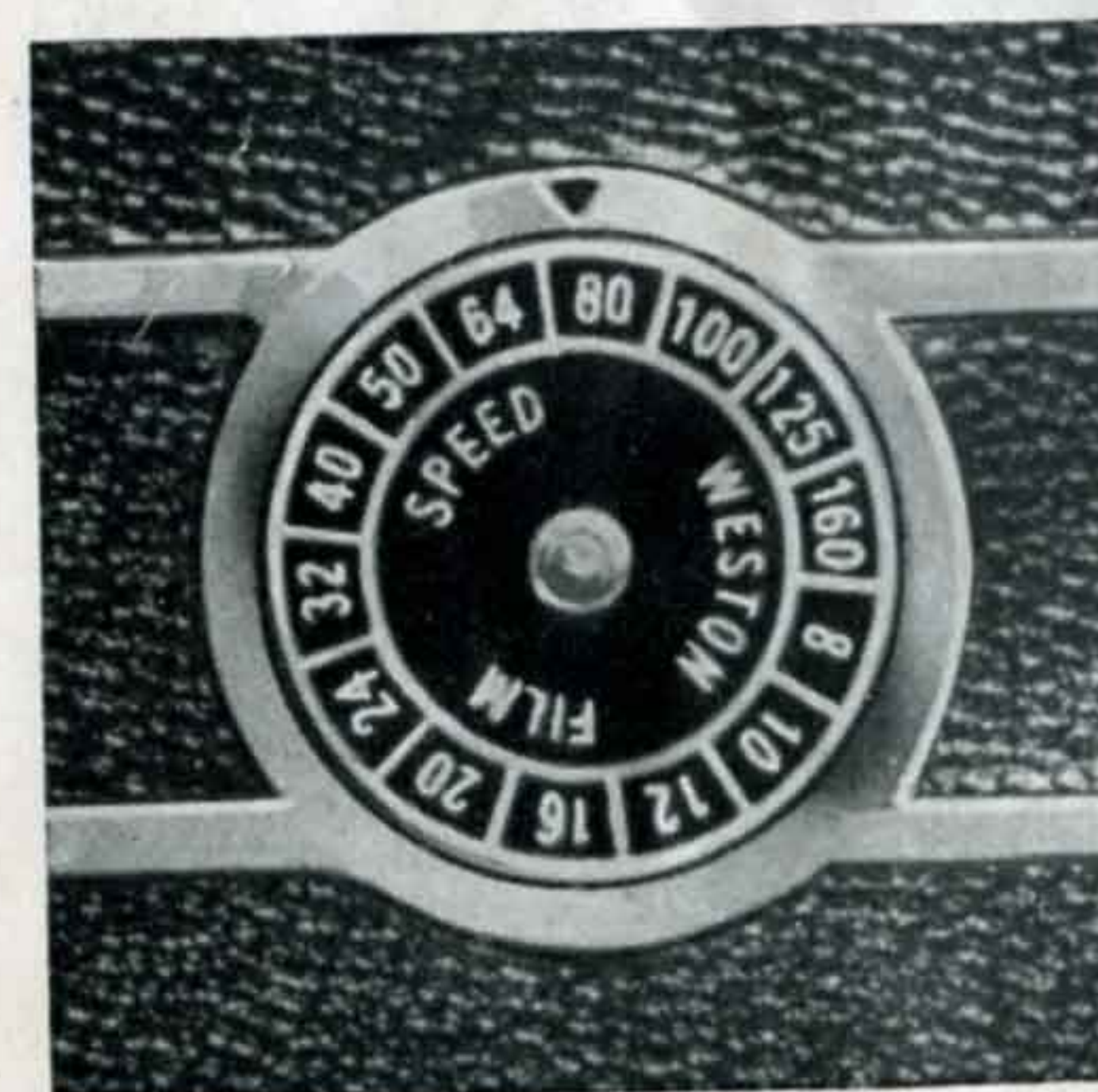
Unload

When wind knob stops turning before the counterdial reaches the next consecutive number, then all pictures have been taken. Rewind the film with rewind knob on bottom of camera. Continue to rewind film into cartridge until counterdial stops turning. Open back of camera as in loading and remove film cartridge.



FOR BEST RESULTS

Develop or have the film developed as soon as possible. This will insure better pictures. Keep the camera loaded with film so you will be ready for any picture opportunity.

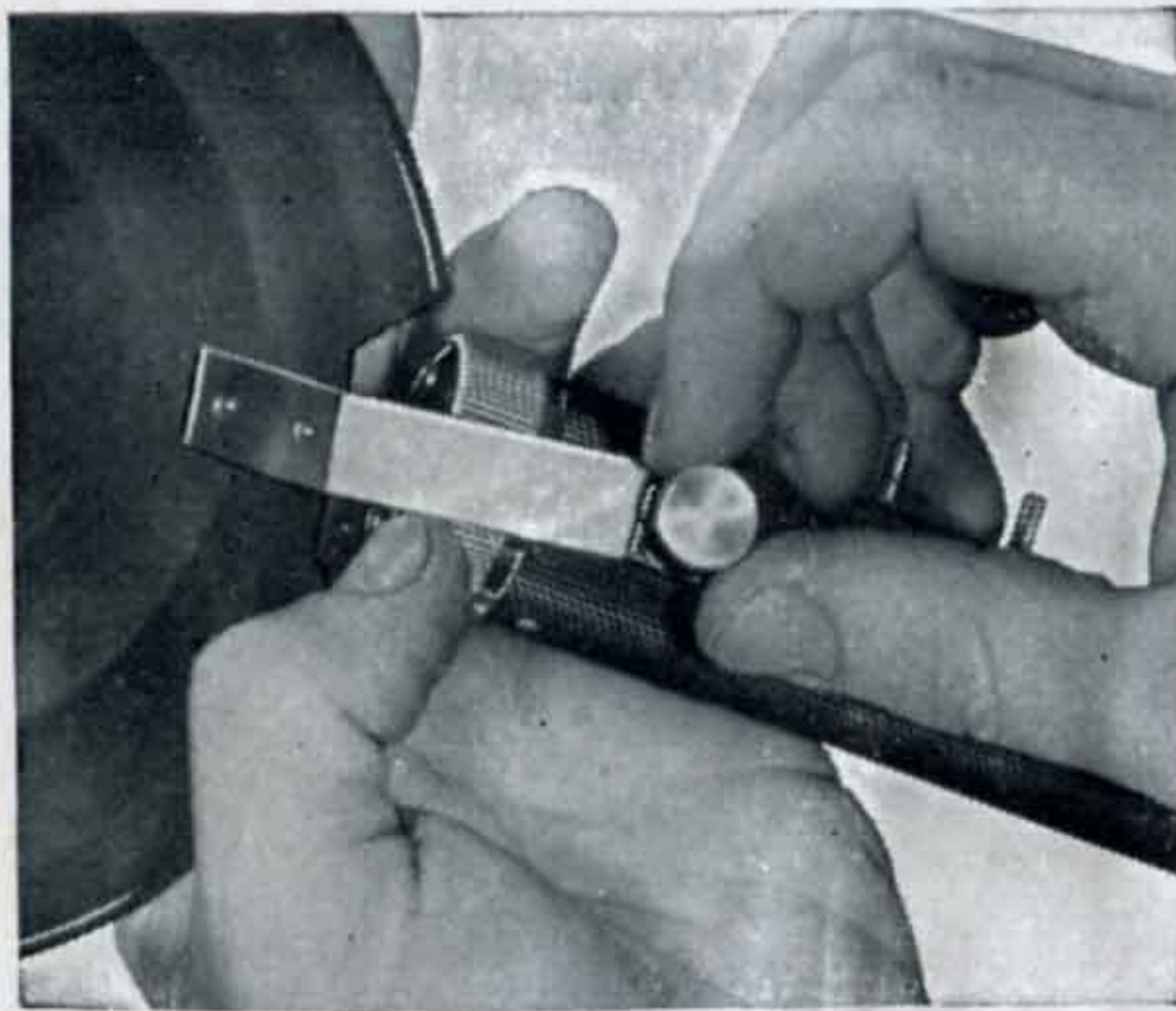


For convenient reference, a film speed dial is attached to the back of the Argus C3. Set it according to the speed of the film you are using.

C3 FLASH UNIT

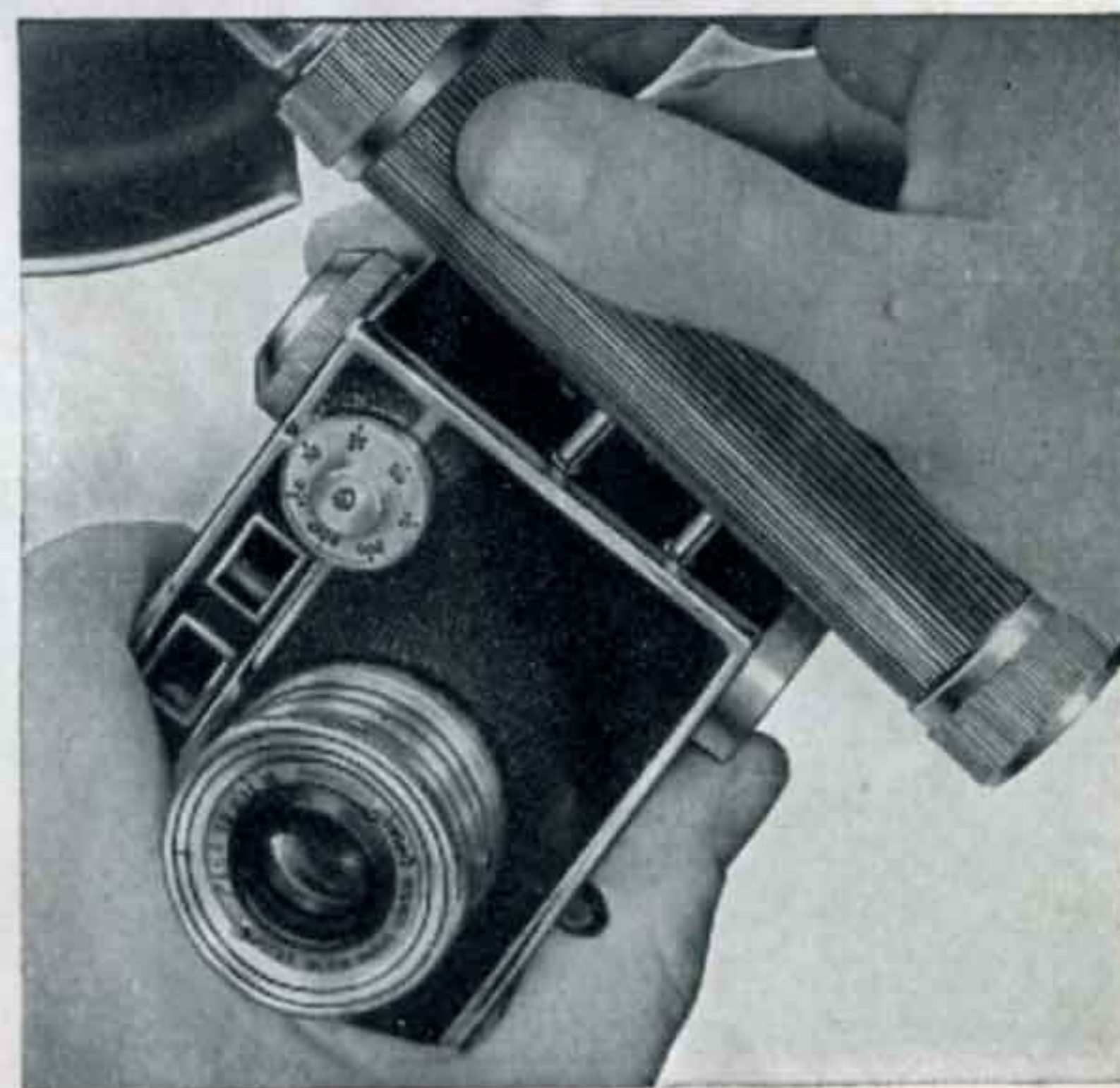
The exposure tables on page 17 have proved satisfactory for average subjects in average rooms . . . medium light colored walls. With light-colored subjects, use one lens stop smaller; with dark-colored subjects, use one lens stop larger.

Distances in the tables are from flash bulb to subject.



The Argus C3 flash reflector is adjustable and is secured to the battery case by means of the thumb screw as shown in the illustration. Reflector can be lowered or raised to properly center it behind the bulb.

Unscrew cap on bottom end of flash unit and insert two fresh size "C" photo-flash batteries. The detachable flash unit plugs into the side of the camera. No other adjustment is necessary. *Caution:* Do not place flash bulb in flash unit until the latter is attached to camera and take care to have fresh batteries.



INDOOR FLASH EXPOSURE TABLES

When filament-type flash lamps are used, accurate synchronization is effected best at 1/30 of a second, particularly if freshness of batteries is doubtful.

When using the so-called gas-type flash lamps (Sylvania SF and General Electric SM) shutter speeds of 1/20 to 1/100 inclusive may be used. The actual flash lasts about 1/200 second, and is sufficiently fast to stop action, regardless of the shutter speed used. 1/100 is recommended.

The tables below indicate proper lens settings for any of the above recommended speeds and are based on manufacturers data. For further information consult the tables enclosed in each package of film or flash bulbs.

		DISTANCE IN FEET									
Sylvania	G.E.	3	3.5	4	5	6	8	10	15	25	50

FILM SPEED: A.S.A. Tungsten Speed 10-16

Kodak Panatomic X Kodachrome Type A

SF	SM	f16	f11	f11	f8	f5.6	f4		
Press 25	No. 11					f16	f11	f8	f4
No. 0	No. 5					f16	f11	f8	f4

FILM SPEED: A.S.A. Tungsten Speed 20-32

Kodak Verichrome Kodak Plus X Ansco Supreme Ansco Plenachrome

SF	SM	f16	f16	f11	f8	f5.6	f3.5		
Press 25	No. 11					f16	f11	f5.6	
No. 0	No. 5					f16	f11	f5.6	

FILM SPEED: A.S.A. Tungsten Speed 40-64

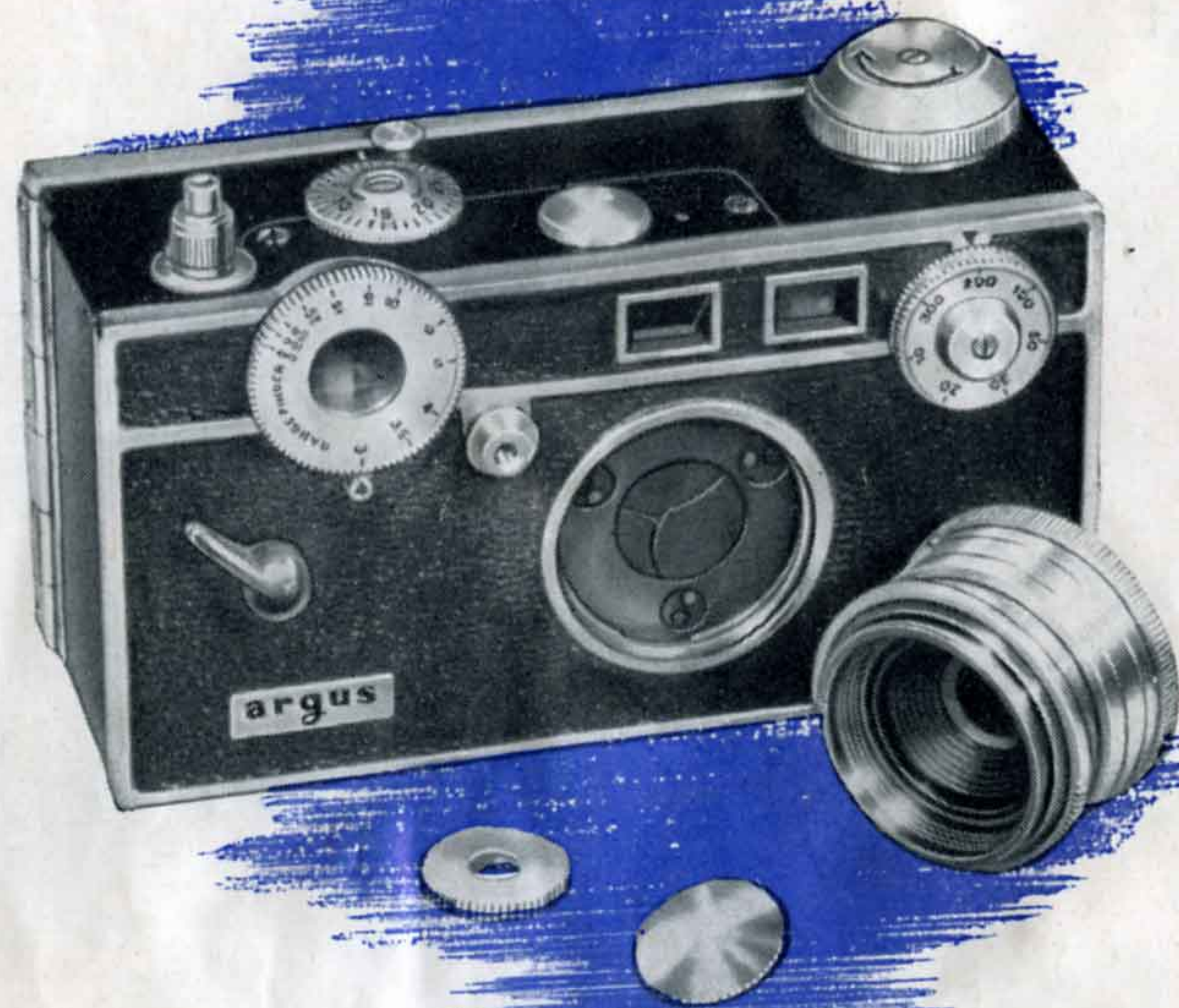
Ansco Ultra Speed DuPont Superior No. 3 Kodak Super XX Ansco Superpan Press

SF	SM	f16	f11	f8	f4				
Press 25	No. 11					f16	f8	f4	
No. 0	No. 5					f16	f8	f4	

Daylight Type Color Film

Press 25B		f16	f16	f11	f11	f8	f5.6	f4		
	No. 5B	f16	f16	f11	f11	f8	f8	f5.6	f3.5	

REMOVABLE LENS



The Cinar f 3.5 lens on the Argus C3 is removable, and may be used on an enlarger.

CAUTION

Although there is no danger of fogging film in the camera when the lens is removed, be sure to keep the camera in its case or box to prevent foreign matter from getting into the shutter.

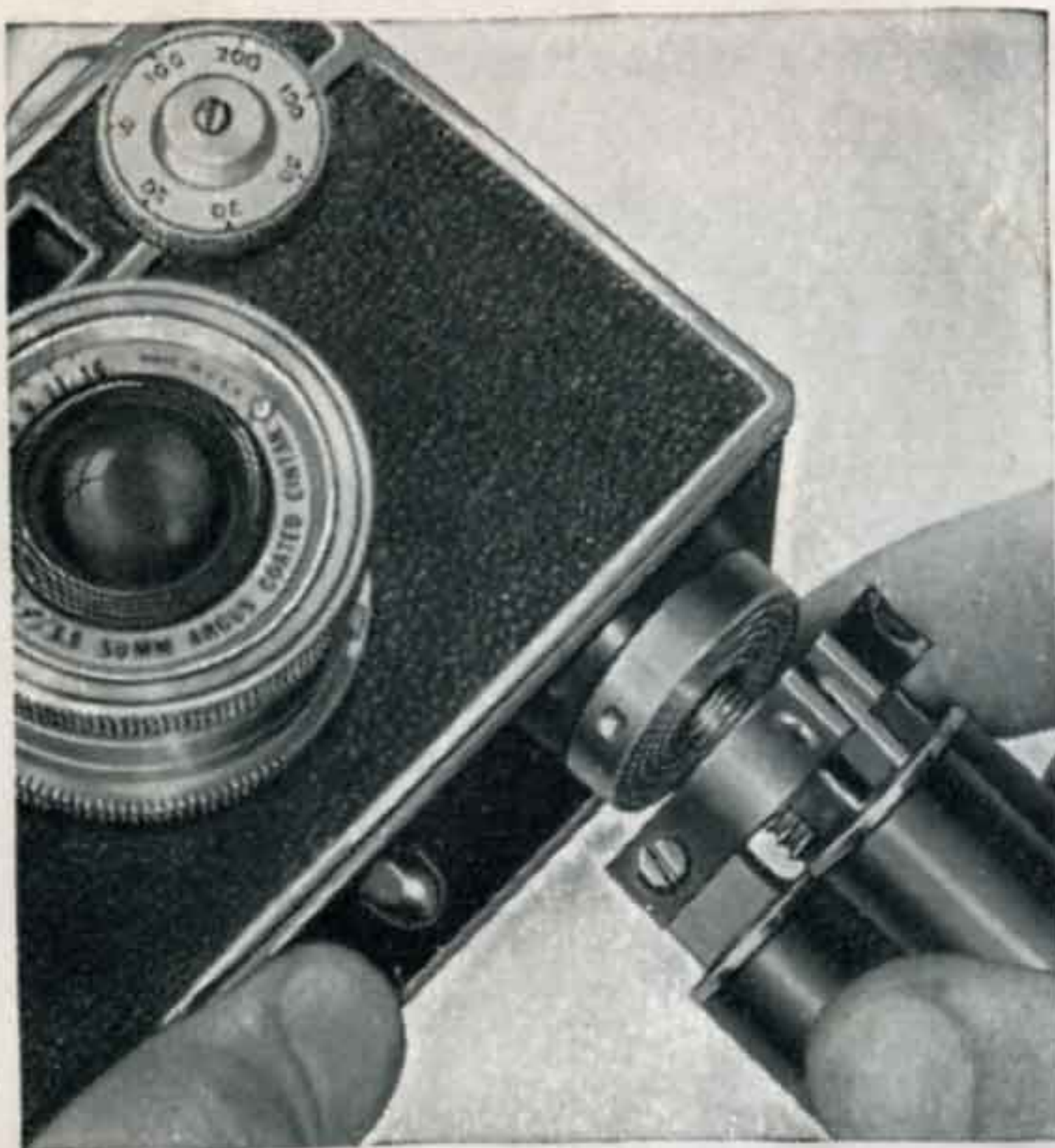
TO REMOVE LENS

- 1 Set the rangefinder dial wheel to the 3 foot position.
- 2 Unscrew cap from idler gear which couples the rangefinder dial wheel to focus mount.
- 3 Remove idler gear by lifting it straight up.
- 4 Unscrew lens from front plate of camera.
- 5 If lens has not been removed from camera for a long period of time, it may take a little exerted effort to unscrew it from the front plate.
- 6 Do not loosen or remove any of the assembly screws in the lens mount.

TO REPLACE LENS

- 1 Screw lens into front plate of the camera, turning clockwise until it cannot be turned any farther.
- 2 Turn focusing mount counter-clockwise until the first tooth of the focus mount gear is in position to engage the idler gear.
- 3 Turn rangefinder dial wheel to infinity position.
- 4 Drop idler gear in place.
- 5 Turn rangefinder dial wheel to 3 foot position and install idler gear cap.

TRIPOD BUSHING



To use a Tripod with Argus C3, attach it to the threaded bushing on the base of the camera.

CABLE RELEASE

Provision is made for using a cable release, if desired. Your Argus Dealer can supply one. The cable release screws into a bushing on top of the camera. It is useful for taking pictures when the "bulb" setting is used.

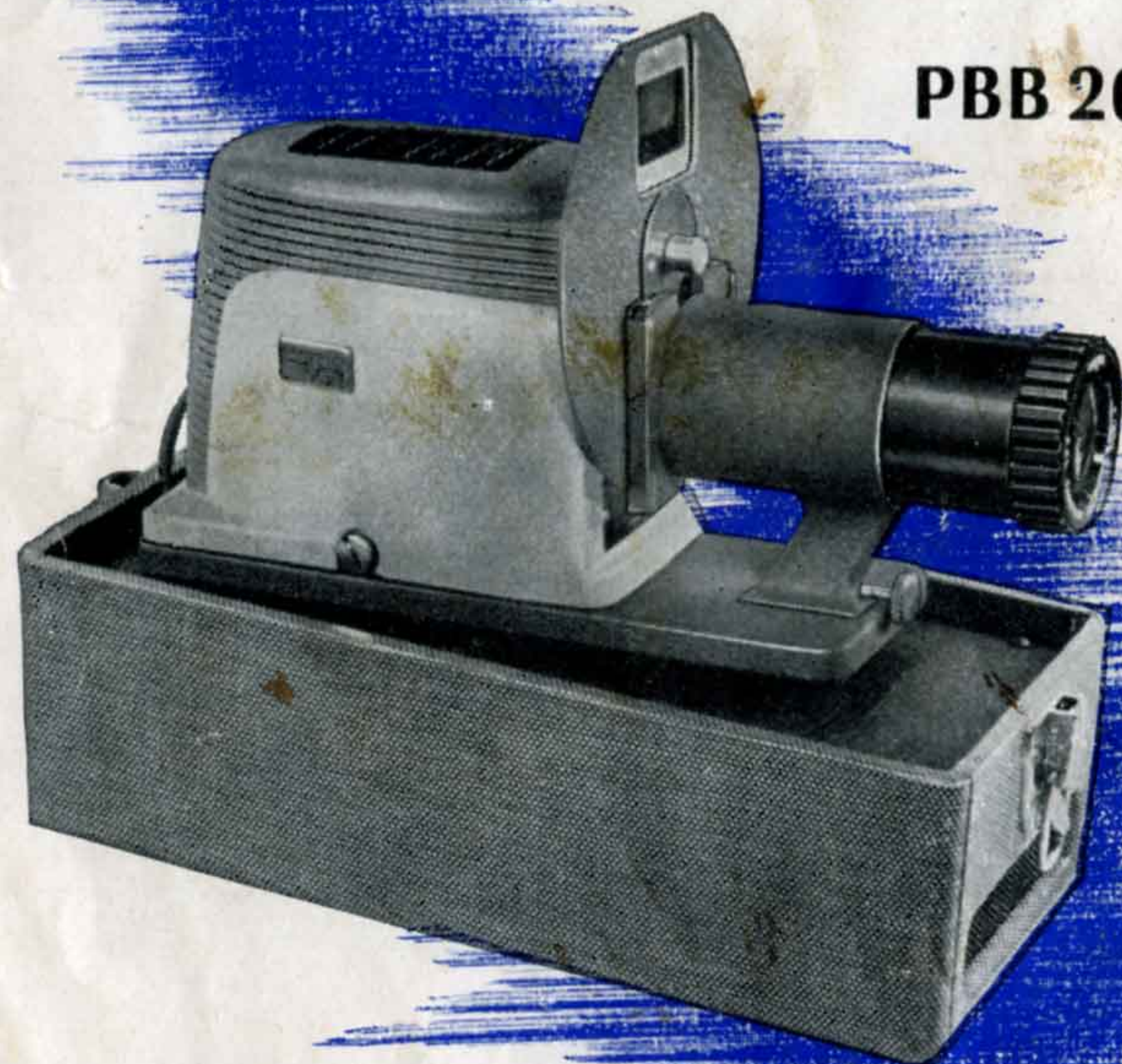


CARRYING CASE



The Argus C3 carrying case is made of the finest quality saddle leather, beautifully stitched and tailored to the camera for a perfect fit. You'll be proud to carry your Argus C3 in it. An Argus carrying case protects your camera from hard knocks, from the weather, and provides a convenient means of carrying.

argus



PBB 200

ARGUS projectors are the best means for showing color slides. All ARGUS projectors are compact . . . easy-to-use . . . with the famous "right-side-up" slide carrier . . . you insert the slides exactly as you view them. Showing color slides is becoming America's favorite way to look at personal pictures . . . thrilling . . . exciting . . . inexpensive.

If you plan to take a Trip

If you are about to take a trip or plan some special photographic event, you should expose a practice roll or two of film, including a few flash pictures. This will acquaint you with your new Argus Camera and prevent the disappointment of spoiling an important picture through lack of familiarity

NOTES

argus



Guarantee

Your Argus camera was thoroughly inspected and tested before it was shipped from our factory, and when purchased from an *Authorized Argus Dealer*, it is fully guaranteed for one year from the date of purchase against defects in workmanship or material.

If this camera develops defects in material or workmanship during this period, it will be repaired or replaced (our option) without charge.

This guarantee is void in the event the camera has been damaged through accident, misuse, mishandling or for reasons beyond our control.

IMPORTANT

Authorized Argus Dealers sell new Argus equipment at full list price; used or rebuilt equipment sold at less than list price is not guaranteed by the factory.

Argus Cameras, Inc., Ann Arbor, Mich.