

# WILSONWERKS ARCHIVES

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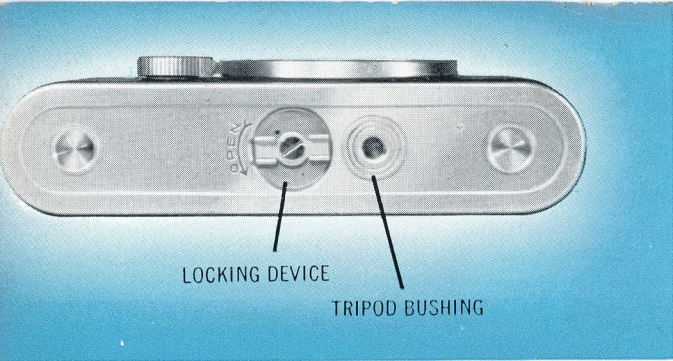
*This is your Argus C4*

*You* have just purchased America's most distinguished  
35mm camera — the Argus C4.

It is a precision instrument, and with the care it deserves  
your C4 will provide you with a lifetime of service.

This little book is intended to help you to derive the fullest  
enjoyment from its use. If you plan to take a trip, expose a practice  
roll or two of film first. This will acquaint you with your new  
C-4 and prevent spoiling an important picture through lack of familiarity.





LOCKING DEVICE

TRIPOD BUSHING

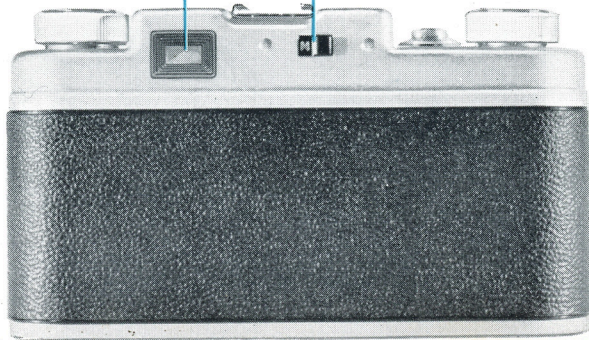
## *Components of your Argus C4*

We think you'll agree it's a good idea to know the names of the important component parts of your Argus C4.

This should help you to learn to operate your C4 more quickly, and bring you gratifying results.

VIEW AND RANGEFINDER

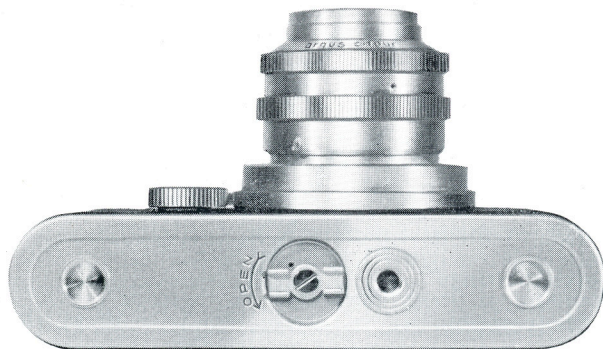
FLASH LAMP ADJUSTMENT



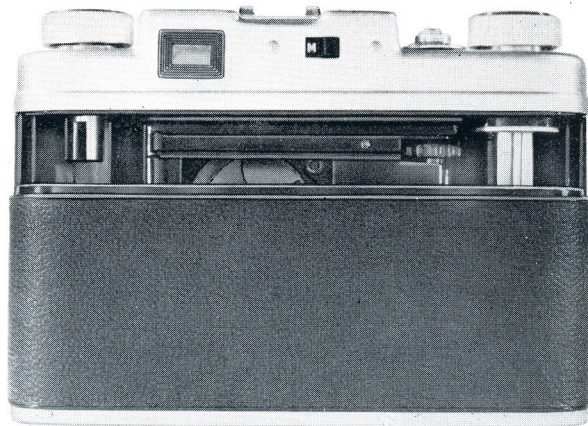
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# Loading

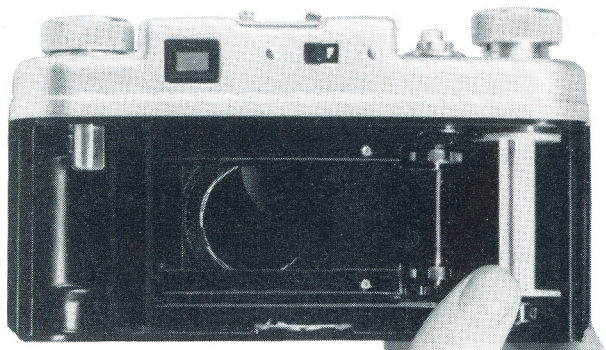


Unlock the camera back by turning the Locking Device in the "open" direction.

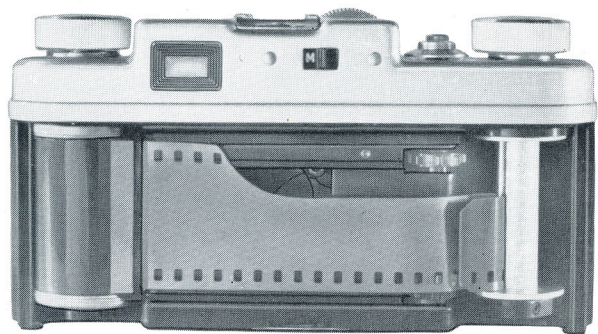


Remove camera back with downward movement.  
Turn the Wind Knob until it stops.

Use standard 35mm film



**Pull the Wind Knob** completely up and rotate  $\frac{1}{4}$  turn backwards to release take-up spool tension. Rotate take-up spindle with thumb to position shown.

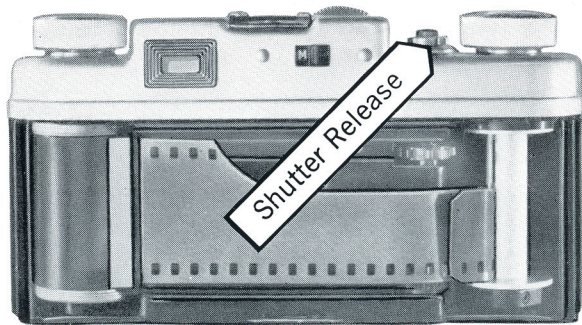


**Place 35mm film** cartridge in film compartment and thread 3 notches of film under friction roller. Be sure film notches are engaged with sprocket, as in illustration.

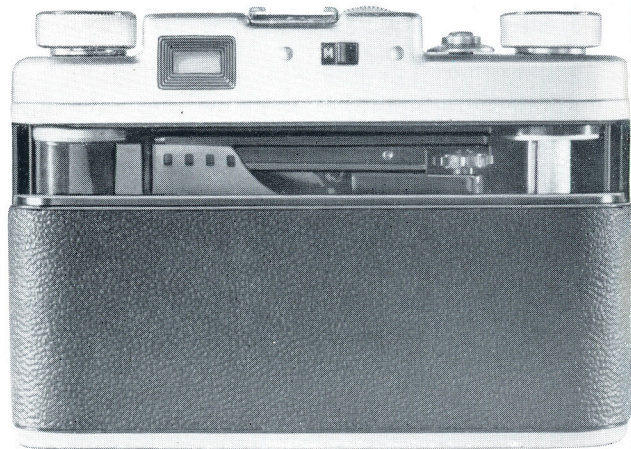
— black-and-white or color — always load in subdued light



# Loading

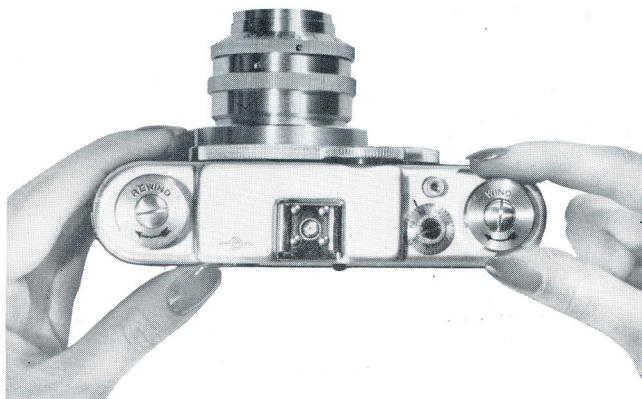


**Turn Wind Knob** until it snaps down to engage winding shaft. When knob stops turning, press Shutter Release and turn Wind Knob until end of film lies back against the sprocket.

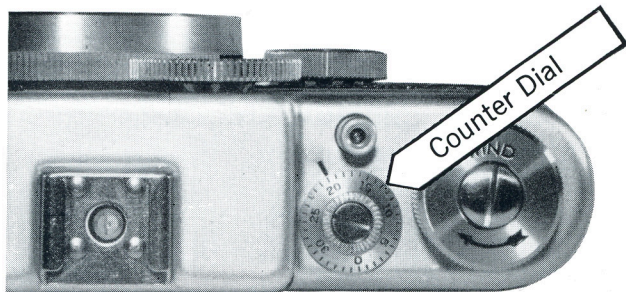


**Replace camera back:** First, turn Locking Device to "open" position. Then place back on camera in position shown above. Slide back into position to secure. Turn Locking Device in opposite direction to arrow.

continued



**Turn Winding Knob** until it stops, press Shutter Release, and again turn Winding Knob until it stops.



**Exposure Counter** shows number of pictures remaining on your film. To set, push down with thumb and turn clockwise until 20 is opposite stationary index line, if using a 20-picture roll, or 0 if using a 36-picture roll.

# *The* **SAFE** *way to take pictures*

**S** = **SHUTTER ADJUSTMENT**—controls the amount of time and is set according to type of subject.

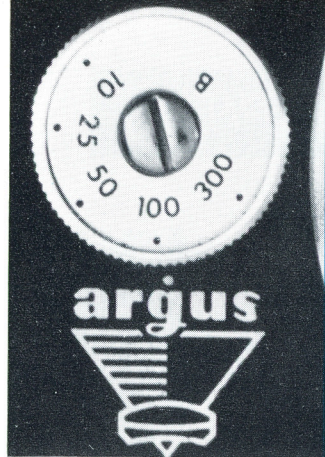
**A** = **APERTURE (lens) ADJUSTMENT**—controls the amount of light and is set according to the light condition.

**F** = **FOCUSING ADJUSTMENT**—controls the sharpness and is set according to the distance you are from your subject.

**E** = **EXPOSURE**—the actual taking of the picture.

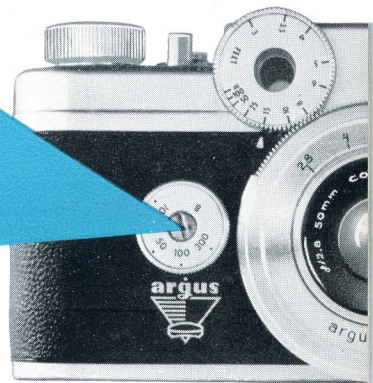
The first letter of each of the four steps of picture-taking spell out **SAFE**: After you have used your Argus C4 for a little while, the **SAFE** way to take pictures will be almost automatic to you.

**On the following pages, we have enlarged on the four steps in **SAFE** picture-taking.**



# S =

## SHUTTER ADJUSTMENT



Your Shutter Speed Dial controls the amount of time your shutter will be open to light during the exposure of the film. Your Argus C4 gives you a choice of five measured speeds (10, 25, 50, 100, 300) which represent fractions of a second.

Set the Shutter Speed Dial by setting the desired speed opposite the index dot (in the illustration, shutter is set for 1/100 second).

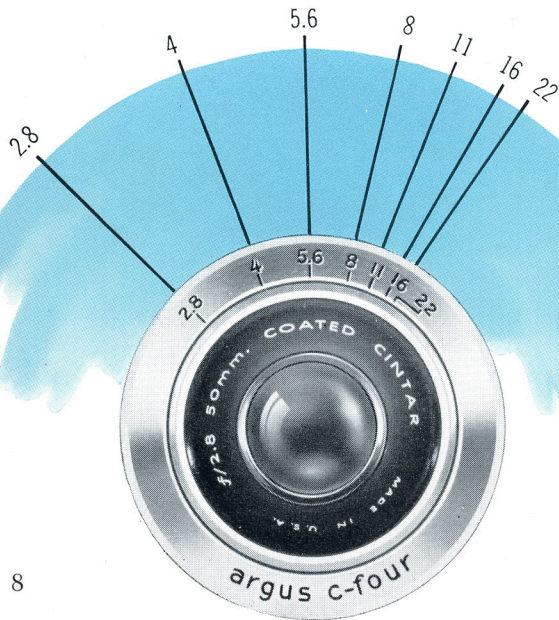
**CAUTION:** Always set speeds on numbers, *not* in between. Do not turn Dial clockwise

beyond "B" or counter-clockwise beyond "10."

"B" setting permits keeping the shutter open for as long as the Shutter Release is held down. It is used for pictures indoors or at night with the camera on a tripod or other steady support. At speed "10" you'll need a steady support too, but for all other speeds the camera may be held in the hands.

# A =

## APERTURE (lens) ADJUSTMENT



Aperture Ring settings control the amount of light that will pass through the lens while shutter is open. Your Argus C4 gives you a choice of 7 settings. Make settings by rotating the Aperture Ring until the desired opening is opposite the index mark.

To re-adjust Aperture Ring setting without changing focus, hold the Rangefinder Dial with thumb while making new setting.

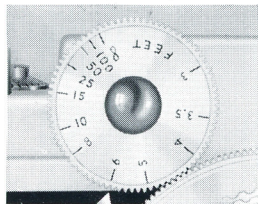
Smallest opening—f:22.

Largest opening—f:2.8.

Each setting admits twice as much light as the preceding one. Thus, f:2.8 admits twice as much light as f:4.

For proper settings, consult exposure guides on page 17.

# F = FOCUSING



Out of focus



In focus

The above illustrations show the view as it appears through the View and Rangefinder. Illustration at left shows the subject as it appears when the camera is "out of focus"; illustration at right shows the subject as it appears when the camera is "in focus". It is also possible to pre-set the distance by means of the Rangefinder Dial and to approach the subject until the two images are superimposed.

**To focus,** look through Rangefinder-Viewfinder Eyepiece and turn the Rangefinder Dial until the double image becomes a single image. Through the Eyepiece, you will see your subject just as it will appear in the finished picture.

The Rangefinder Dial is coupled to the focusing lens mount, so that when you have superimposed the double image into a single image, your Argus C4 is in focus and will assure you a sharp, clear picture.

For pictures that are longer than they are wide, turn your camera into a vertical position and do the same as above.

**CAUTION:** When sighting through the Rangefinder-Viewfinder Eyepiece, be sure your eye is centered to insure accurate picture composition. Keep sight of all four sides of Viewfinder Window for correct framing.

# E = EXPOSURE *(taking the picture)*



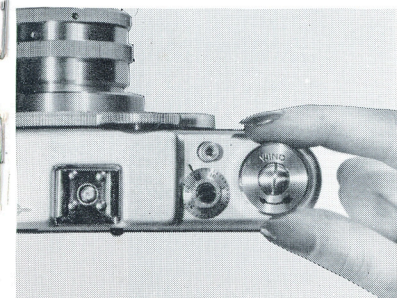
Hold the camera in either of the two positions shown at left, depending on whether you are taking a tall or a wide subject.

Hold camera firmly and compose the picture to your own liking.

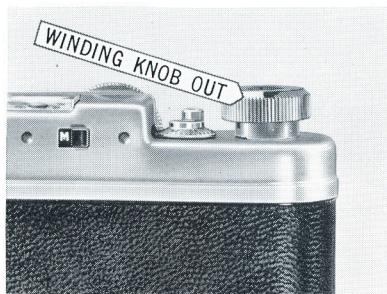
Press the Shutter Release, with firm, smooth motion of forefinger. It's a good idea to hold your breath as you press the Shutter Release — this will help to hold the camera still while you're taking the picture.

FOR COMPLETE EXPOSURE GUIDES, SEE PAGE 17

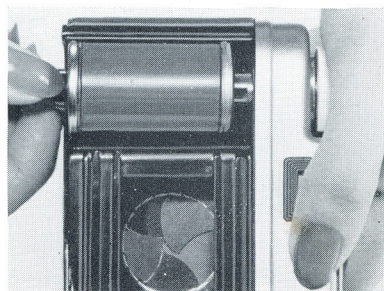
# GETTING READY FOR MORE PICTURES



**Wind:** Most C4 owners make it a practice not to wind the film until just before taking the next picture. This prevents tripping the shutter accidentally. When ready for a picture, turn the winding knob until it stops. Do not touch exposure counter or shutter release when winding.



**Rewind:** When all pictures have been taken, pull winding knob completely up and rotate  $\frac{1}{4}$  turn backwards to release take-up spool tension, and rewind film (using knob marked "Rewind") until counter dial has stopped rotating. Continue to turn knob three to four extra revolutions to be sure film is entirely in the cartridge.

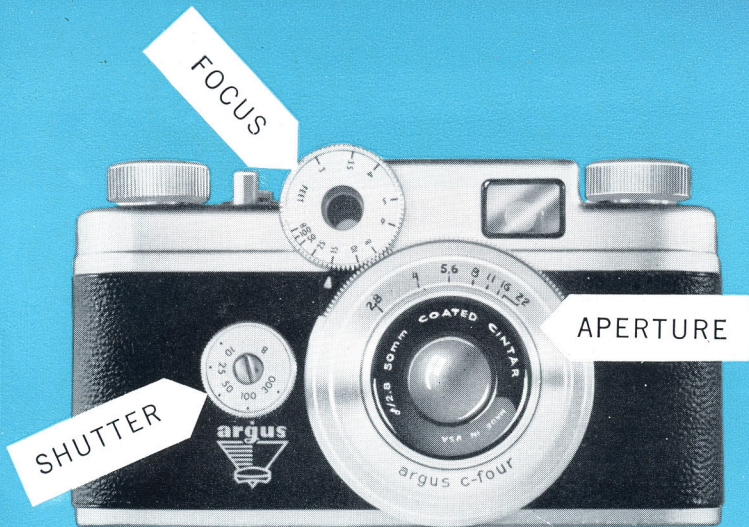


**Unload & Reload:** Open back of the camera, as in loading, and remove the film cartridge. Have the film developed as soon as possible for best results. Keep your Argus C4 loaded with film so you will be ready for any picture opportunity. Argus C4 uses standard 35mm film cartridges, black-and-white or color.



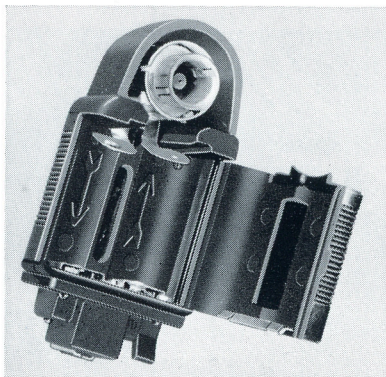
# *Universal Settings*

When taking average pictures in bright sunlight and your camera is loaded with Ansco Supreme or Kodak Plus X film, set



your shutter at 1/100 and your lens at f:8. These two settings are marked in red and will give you good results under above favorable conditions.

# Flash Photography



**Remove front** of battery case by holding the unit in left hand, pulling cover with right hand.



**Insert** two size "C" photoflash batteries, one right side up, the other upside down as indicated by arrows in battery case. Snap the battery cover back into place.

Your Argus C4 has a built-in synchronizer that permits use of all types of bulbs at all shutter speeds. The flash unit locks into place atop the C4 in the Flash Mounting Bracket.

Use of the flash unit will permit you to take indoor and dark-day pictures — light conditions need never hinder your picture-taking.

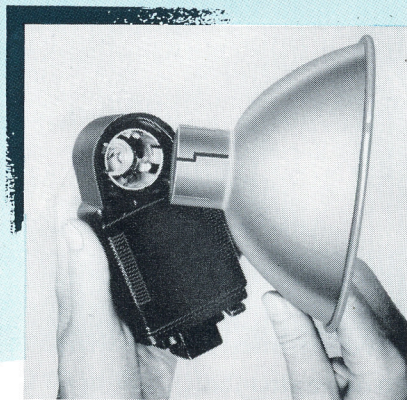
**Note:** Fresh size "C" photoflash batteries are essential to flash photography. Replace after 50 or 60 flash pictures have been taken. Even when not in use, batteries deteriorate. If your batteries are about four months old, test before using. Weak batteries delay lamp firing, and under-exposure or non-exposure will result.

# Flash Photography

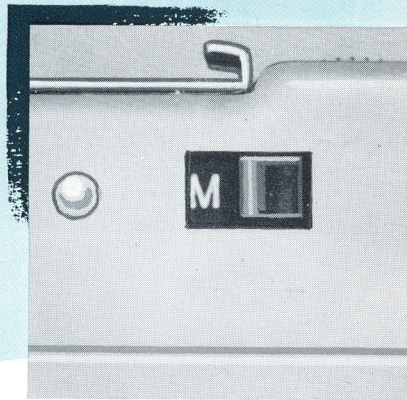
continued



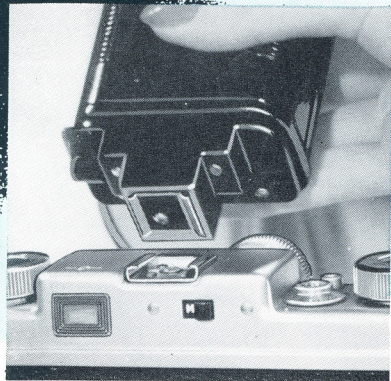
**Midget flash lamp adapter** must be removed when screwbase flash bulbs are used. Simply rotate  $\frac{1}{4}$  turn counter-clockwise and pull out.



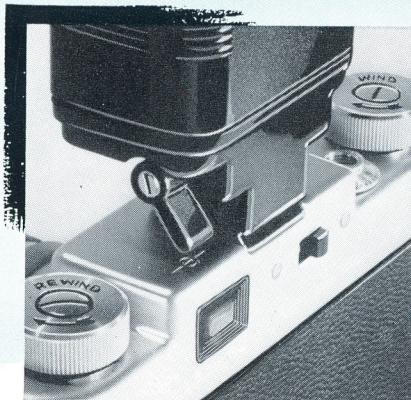
**Reflector installs** easily. For mid-g-et bulbs (bayonet-type) push reflector as far back as it will go. For screw-base bulbs, pull as far forward as possible. This will assure even illumination.



**Flash Lamp Adjustment** should be set at "F" for Fast bulbs (gas-filled) or "M" for Medium bulbs (wire-filled). See flash photography guides on page 17.



**Attach flash unit** by making sure the locking lever on the unit is in the "up" position, then sliding unit all the way into the Flash Mounting Bracket.



**Lock flash unit** into place by pressing down on locking lever. With locking lever down, flash unit will be held securely, make perfect electrical contact.



**Insert flash lamp** by pushing in as far as it will go. It is not necessary to turn either screw-base or bayonet-base type. For midget (bayonet) type, midget adapter must be used.

**CAUTION:** When attaching flash unit, make sure it does not have a bulb in it, to avoid premature flash. For best results, make sure contact points on flash bulbs are bright and clean before inserting.

# *Flash Photography* continued



**Hold camera** as shown above. Position of the flash unit provides maximum illumination on subject. Such strong front lighting is perfect for color photography.



**For additional lighting**, use an extra Argus Flash Unit and an Argus Flash Extension Cord. Where two bulbs are used, the lens opening should be reduced or a higher shutter speed used. Flash bulbs should be same type.



**Eject bulbs** by pressing the button on the back of the flash unit. This avoids burning the fingers.

# FLASH EXPOSURE GUIDE

## BLACK and WHITE

## COLOR

Shutter Speed	Flash Lamp Setting	ALL PURPOSE FILM Kodak Plus X Ansco Supreme ASA Tung. Speed 32-40			HIGH SPEED FILM Kodak Super XX Ansco Ultra-Speed ASA Tung. Speed 64-80			Kodachrome Type A* Ansco-Color Tungsten* ASA Tung. Speed 12-16		
		Up to 1/50	1/100	1/300	Up to 1/50	1/100	1/300	Up to 1/50	1/100	1/300
SF	F	75	75	60	105	105	80	44	44	32
No. 5	M	150	125	105	210	175	150	105	88	75
Press 25	M	150	115	90	210	160	125	90	70	50
No. 11	M	165	140	120	235	200	170	115	100	85

Exposure guide numbers are used to determine exposure. Divide guide numbers in this table by the distance in feet from flash to subject. The result is the proper f setting.

\*For complete information on use of various types of film, flash bulbs, and filters consult manufacturers' instructions

# OUTDOOR EXPOSURE GUIDE

## BLACK and WHITE

## COLOR

LIGHT CONDITION	ALL PURPOSE FILMS ANSCO SUPREME KODAK PLUS X ASA Film Speed 50			HIGH SPEED FILMS ANSCO ULTRA-SPEED KODAK SUPER XX ASA Film Speed 100			KODACHROME DAYLIGHT* ANSCO-COLOR DAYLIGHT* Exposures based on 1/50 shutter speed		
	Bright	Hazy	Cloudy	Bright	Hazy	Cloudy	Bright	Hazy Sun	Open Shade
BRIGHT SUBJECTS . . . Close-ups in beach, water and snow scenes, landscapes with foregrounds.	1/100 f:11	1/100 f:8	1/100 f:5.6	1/100 f:16	1/100 f:11	1/100 f:8	f:8	f:5	f:4
AVERAGE SUBJECTS . . . Pictures of people, children at play, gardens, houses, street scenes.	1/100 f:8	1/100 f:5.6	1/100 f:4	1/100 f:11	1/100 f:8	1/100 f:5.6	f:8 and f 5.6	f:5.6 and f:4	f:4 and f:2.8
SHADED SUBJECTS . . . All subjects in open shade, not under trees or porches.	1/100 f:5.6	1/100 f:4	1/100 f:2.8	1/100 f:8	1/100 f:5.6	1/100 f:4	f:5.6	f:4	f:2.8

\*Blue flash bulbs are required when using outdoor color film indoors.

# DEPTH OF FIELD

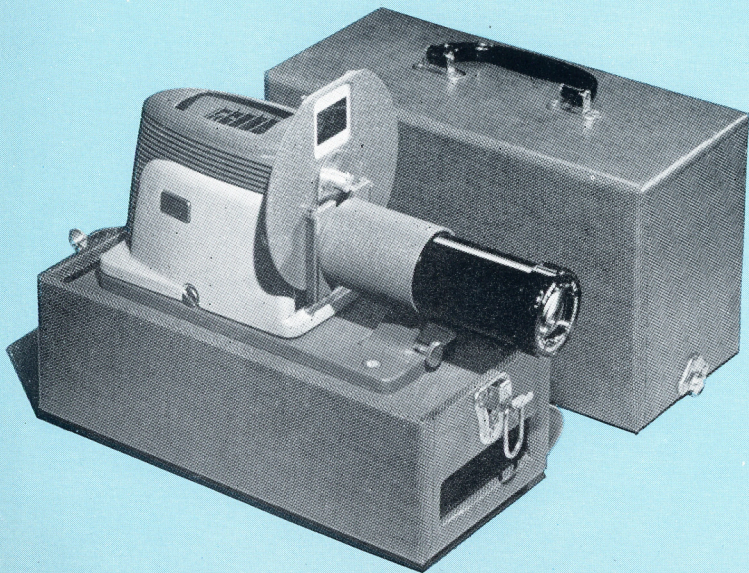
When your camera is focused on 10 feet, subjects in front of and beyond this distance, are also recorded sharply. This range of sharpness is called depth of field.

The table here indicates the depth of field at the different distance and lens settings. For example: With the Argus C4 focused on 15 feet, and the lens set at f:11, all subjects between 7'5" and infinity will appear sharp. By referring to the table, you can readily determine the range of sharpness for any lens and focus setting.

Distance Focused On	f:2.8 Sharply Focused		f:4 Sharply Focused		f:5.6 Sharply Focused		f:8 Sharply Focused		f:11 Sharply Focused		f:16 Sharply Focused		f:22 Sharply Focused	
	From	To	From	To	From	To	From	To	From	To	From	To	From	To
3	2'10"	3'2"	2'10"	3'3"	2'9"	3'4"	2'8"	3'6"	2'6"	3'9"	2'4"	4'2"	2'2"	4'11"
3.5	3'4"	3'8"	3'3"	3'10"	3'2"	3'11"	3'	4'2"	2'10"	4'6"	2'8"	5'3"	2'5"	6'5"
4	3'9"	4'3"	3'8"	4'5"	3'6"	4'7"	3'4"	4'11"	3'2"	5'5"	2'11"	6'5"	2'8"	8'4"
5	4'7"	5'5"	4'6"	5'8"	4'3"	6'	4'	6'7"	3'9"	7'5"	3'5"	9'7"	3'	14'8"
6	5'5"	6'8"	5'3"	7'	5'	7'6"	4'8"	8'5"	4'3"	10'	3'10"	14'3"	3'4"	29'4"
8	7'	9'3"	6'8"	9'11"	6'3"	11"	5'9"	13'1"	5'2"	17'2"	4'6"	35'10"	3'10"	∞
10	8'6"	12'1"	8'	13'3"	7'5"	15'2"	6'9"	19'6"	6'	33'4"	5'1"	∞	4'3"	∞
15	11'11"	20'2"	11'	23'9"	9'11"	30'11"	8'8"	56'7"	7'5"	∞	6'1"	∞	5'	∞
25	17'6"	43'11"	15'6"	65'	13'5"	∞	11'2"	∞	9'3"	∞	7'3"	∞	5'8"	∞
50	26'10"	∞	22'4"	∞	18'4"	∞	14'5"	∞	11'5"	∞	8'5"	∞	6'5"	∞
100	36'7"	∞	28'9"	∞	22'5"	∞	16'10"	∞	12'10"	∞	9'2"	∞	6'10"	∞
∞	57'8"	∞	40'4"	∞	28'10"	∞	20'2"	∞	14'8"	∞	10'1"	∞	7'4"	∞

*Best way to view your color slides*

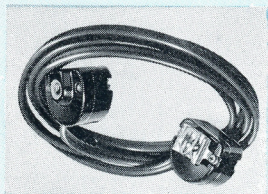
## ARGUS 200-WATT BLOWER-COOLED PROJECTOR



**Argus 200-Watt Projector** is an ideal companion for any 35mm camera. Projects your slides with even illumination, brings out all their beauty. Built-in, silent blower is efficient in keeping your slides cool, protects them through hours of showing. "Right-side-up" rotary slide carrier prevents upside-down slides. Complete with case.



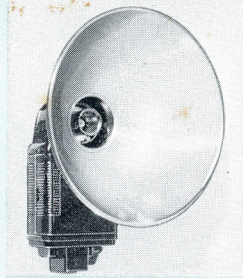
## ACCESSORIES



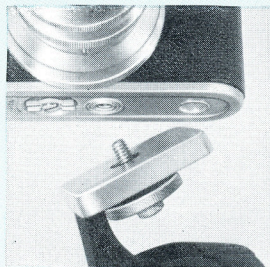
THE ARGUS FLASH EXTENSION CORD permits using the Argus Flash Unit at distances up to six feet for additional lighting.

FILTERS may be used to improve picture quality or produce unusual effects. Most commonly used are red, green, and yellow, and conversion type with color film.

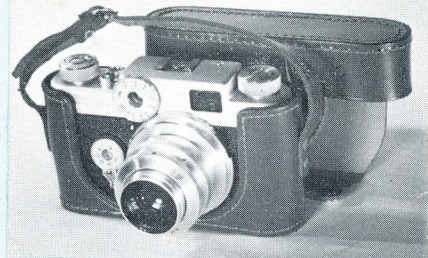
SUPPLEMENTARY LENSES of 2 and 3 diopters (degree of magnification) may be used for close-up and portrait photography.



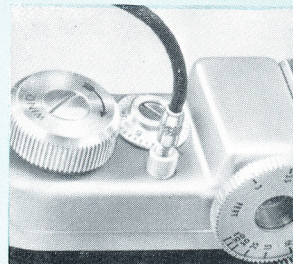
THE ARGUS C-4 FLASH UNIT makes your camera independent of any other light source, indoors or outdoors. It is a compact, attractive, easy-to-use unit.



TRIPOD is used as a steady support to eliminate camera movement, particularly with time exposures. The C-4 Tripod Bushing takes any standard tripod.



THE ARGUS C-4 CARRYING CASE of top-grain cowhide protects your C-4 from weather and hard knocks—lets you take pictures in the case—has handy shoulder strap.



THE ARGUS C-4 takes the standard ASA cable release. This accessory is useful to avoid camera movement when using the camera on a steady support.

# Specifications

Your Argus C4 is a highly critical, precision optical instrument. Here are its technical highlights:

**LENS:** Cintar f:2.8 (60% faster than f:3.5) with diaphragm openings to f:22.

**SPEED:** Based on T-stops, t:2.95 at f:2.8, other openings in proportion.

**FOCAL LENGTH:** 50mm (2").

**DIAMETER:** Lens mount measures 1.300" outside diameter for lens accessories. Use 33mm adapter ring and 41mm or Series VI filters and supplementary lenses. EK No. 26, Series VI screw-in type adapter ring also fits.

**CORRECTION:** Very good for both color and black-and-white.

**RESOLVING POWER:** Center of field, 120 lines per millimeter.

**HYPERFOCAL DISTANCE:** 57'8" at f:2.8

**FIELD COVERED:** At infinity, 27° x 40° angular.

100 feet 48' x 72'	8 feet 3'9" x 5'6"
50 feet 24' x 36'	6 feet 2'9" x 4'
25 feet 12' x 18'	5 feet 2'3" x 3'4"
15 feet 7'3" x 10'6"	4 feet 1'9" x 2'8"
10 feet 4'9" x 7'	3.5 feet 1'6½" x 2'3½"
	3 feet 1'3¼" x 1'11¼"

**SHUTTER:** Behind-lens, one of the most accurate and fastest shutters made. Five exposure blades, two capping blades. Six speeds, with super-accurate 1/300 suitable for all average action pictures.

**FLASH:** Lock-on flash unit, Factory-synchronized for all types of bulbs at all shutter speeds. Adjustable for 5 millisecond and 20 millisecond delay. Existing flash tube (strobe light) units with 5 or 20 millisecond delay circuits may be adapted to the C-4. For side or multiple flash, use the Argus extension cord.

**RANGEFINDER:** Lens-coupled, super-imposed image type, accurate from 3 feet to infinity. Teamed with brilliant optical viewfinder. Eye-Relief: .6." Viewfinder Minification: .8. Mirror: High efficiency reflex type gives 50% brighter image than viewfinder field.

Die cast, streamlined body measures 5½ x 3 x 1½ inches, weighs 28 ounces. Body-type shutter release; film wind coupled to shutter wind for double-exposure prevention; film size—35mm cartridge, 20 or 36 pictures per load; picture size—about 1 x 1⅞ inches—prints about 3¼ x 4½ inches or enlargements to any desired size; exposure counter; provision for tripod, cable release; permanent film take-up spool.



# Guarantee

*Your Argus C4 camera was thoroughly inspected and tested before it was shipped to your dealer. When purchased from an Authorized Argus Dealer, your C4 is fully guaranteed for a period of one year against defects in workmanship or material.*

*If this camera develops defects in material or workmanship, 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.*

*Used or rebuilt cameras sold by your Authorized Argus Dealer at less than full list price are not covered by this guarantee.*

*Your Argus C-4 camera is automatically guaranteed when purchased. There are no cards to send in or further steps to take.*

ARGUS CAMERAS, INC., ANN ARBOR, MICHIGAN