

This manual is for reference and historical purposes, all rights reserved.

This creation is copyright© by M. Butkus, NJ, U.S.A.

These creations may not be sold or distributed without the expressed permission of the producer

I have no connection with any camera company

On-line camera manual library

If you find this manual useful, how about a donation of \$2 to:

M. Butkus, 29 Lake Ave., High Bridge, NJ 08829-1701

and send your e-mail address so I can thank you.

Most other places would charge you \$7.50 for a electronic copy or

\$18.00 for a hard to read Xerox copy.

This will allow me to continue this site, buy new manuals and pay their shipping costs.

It'll make you feel better, won't it?

If you use Pay Pal, go to my web site

www.orphancameras.com and choose the secure PayPal donation icon.

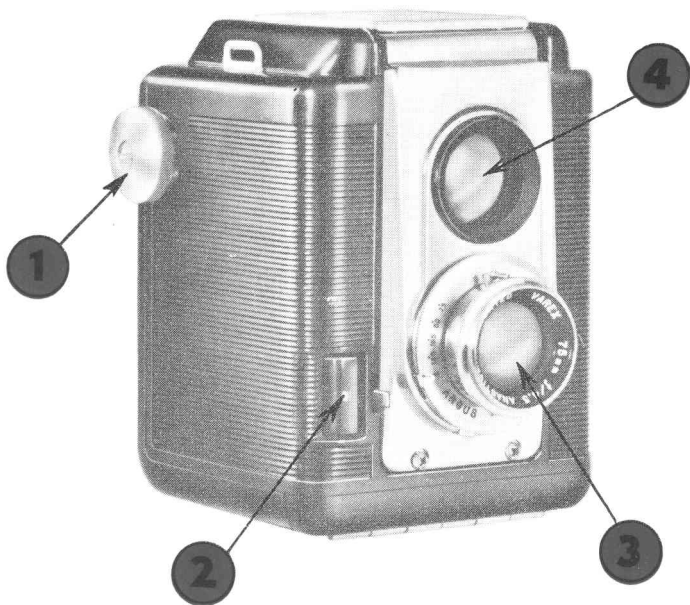


argus forty

INSTRUCTIONS FOR USE

Loading.....	4-7
Shutter Adjustment.....	8-9
Lens Adjustment.....	8-9
Focusing.....	10
Depth of Field.....	11
Taking the Picture.....	12-13
Close-Ups.....	14-15
Winding the Film.....	16
Unloading.....	16
Double Exposure Prevention.....	17
Taking Flash Pictures.....	18-21

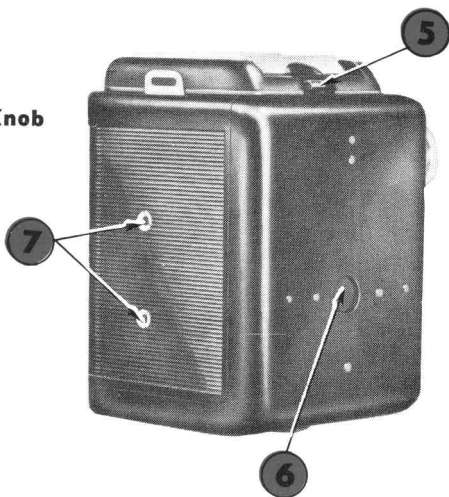
argus forty



Argus Forty is a modified twin-lens type camera with a large brilliant viewing screen. Like other twin-lens models, it shows you the picture before you take it. In operation, it is as easy to use as the most simple box camera but has a lens which permits picture taking indoors or outdoors, in cloudy or bright weather with black and white, or color film. Advanced features usually reserved for expensive cameras, like built-in flash and double exposure prevention, are representative of the advanced design of the Argus Forty.

To obtain the utmost from your Argus Forty, read this instruction book carefully so you will thoroughly understand its operation.

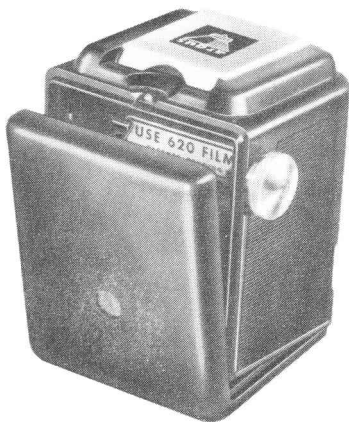
- 1 Film Winding Knob**
- 2 Shutter Release**
- 3 Taking Lens**
- 4 Viewing Lens**
- 5 Locking Catch**
- 6 Film Window**
- 7 Flash Contacts**



LOADING

Use Only 620 Size Film

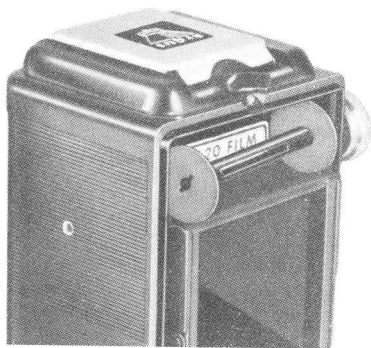
Due to its splendid lens and shutter equipment, the Argus Forty permits use of any type of black and white or color film, the selection being governed by the type of pictures you want to take.



1

Open the back of the camera by lifting up the locking catch. The back is hinged for convenience but do not let it drop or hinge may be sprung.

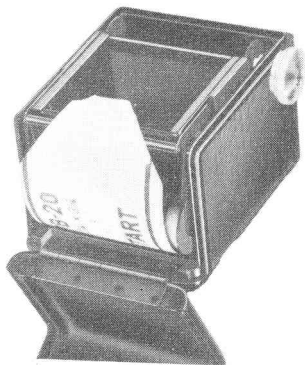
2



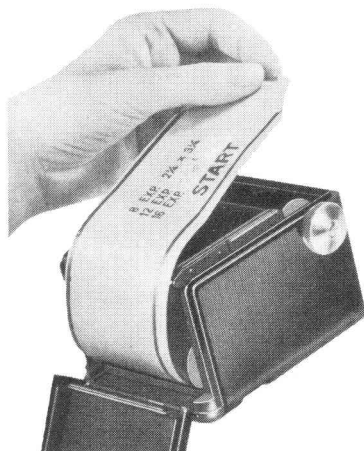
Place empty film spool in upper film compartment, first making sure film spool slot is engaged with winding knob; then press other end of spool in place.

3

Be sure to load the camera in subdued light; not in bright sunlight. Insert roll of film in lower film compartment and slide into place engaging spool pins. Be sure film is inserted with end of protective paper in position indicated.



4

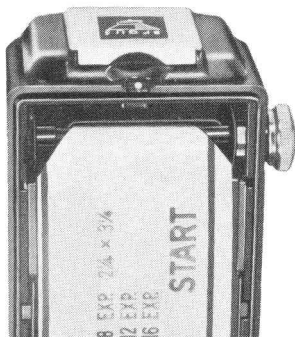


Pull off about six inches of paper leader for threading.

Caution: Do not thread paper leader under small metal roller at bottom of frame.

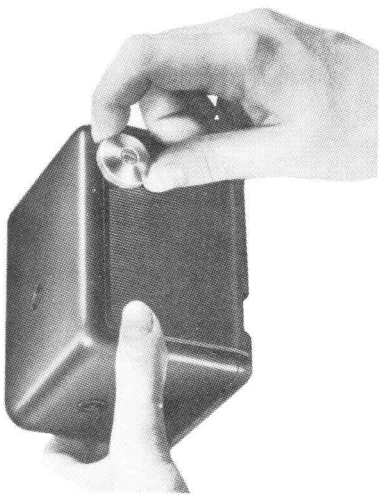
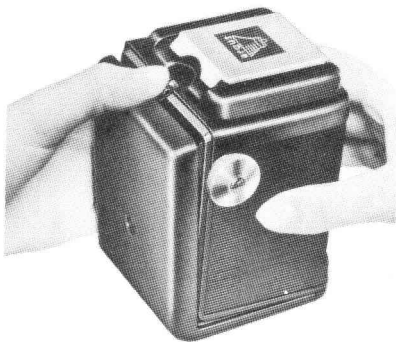
5

Fold end of paper (about one inch) and insert into long slot of the empty film spool. To secure end of paper, give the winding knob two or three turns.



6

Close camera back, making sure it is securely closed and locked.

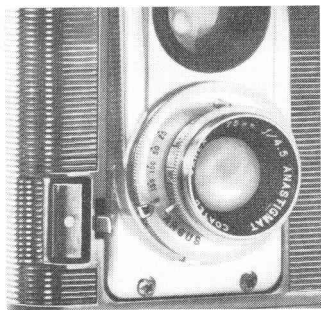


7

Turn film winding knob until Figure 1 appears in the center of the red window. The camera is now ready for the first picture.

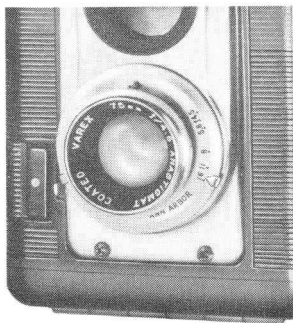
There are three adjustments to make in taking pictures with your Argus Forty:

1. **Adjust the shutter speed according to the type of subject.**
2. **Adjust the lens according to the light condition.**
3. **Focus the camera, according to the distance of the subject.**



To adjust the shutter, place the movable indicator opposite the speed desired. (See Exposure Guide on opposite page.)

To adjust the aperture (lens opening) turn slide pointer to a position opposite the desired f number. (See Exposure Guide.)



UNIVERSAL SETTING

Shutter speed marking 100 (1/100 second), lens marking f:8, and focus marking 25 are all indicated with red figures. By pre-setting your Argus Forty at these markings, the camera is properly set for all average pictures in bright sunlight. For other conditions, cloudy weather or unusual subjects, follow the handy guide below.

OUTDOOR EXPOSURE GUIDE

For Average Fast Film Like Kodak Plus X, Ansco Supreme, 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 Foreground.	1/100 f:11	1/100 f:8	1/100 f:5.6	1/100 f:4.5
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:4.5
All Subjects in Open Shade; Not Under Trees or Porches.	1/100 f:5.6	1/100 f:4.5	1/50 f:4.5	1/25 f:4.5

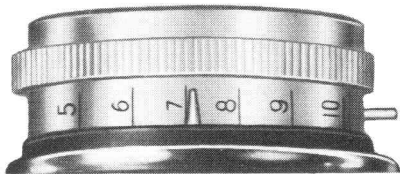
For color see instructions supplied with film

For indoor pictures see instructions supplied with flood and flash bulbs

FOCUSING

Focusing the Argus Forty is accomplished by rotating the front lens mount until the distance selected is opposite the index marker at the top of the mount. All markings are in feet, and the 25-foot marking is in red. When used with red lens and shutter settings, this is the universal focus position for all average pictures of subjects beyond 12 feet.

On the facing page, tables are provided to indicate the range of sharpness at all combinations of lens and focus settings.



DEPTH OF FIELD

The table below shows the range of sharpness at every lens and focus setting. For example: With your camera focused on 15 feet and the lens set at f:11, all subjects between 8 feet and 111 feet will be in sharp focus.

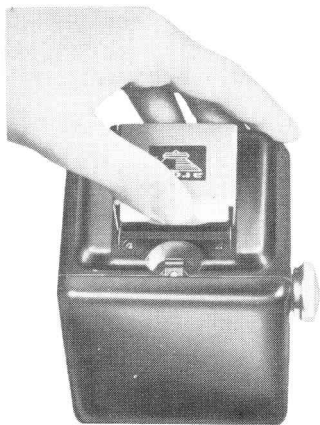
F:4.5-75 mm.

 ∞ = Infinity

Circle of confusion .004"

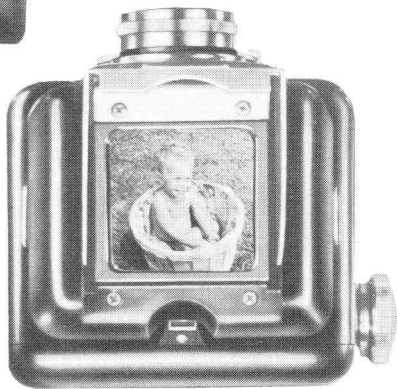
Distance Focused on in feet	f:4.5		f:5.6		f:8		f:11		f:16		f:22	
	Picture will be in sharp focus From To		Picture will be in sharp focus From To		Picture will be in sharp focus From To		Picture will be in sharp focus From To		Picture will be in sharp focus From To		Picture will be in sharp focus From To	
∞	42'	∞	33'	∞	23'	∞	17'	∞	11'9"	∞	8'6"	∞
50	23'	∞	20'	∞	16'0"	∞	12'9"	∞	9'6"	∞	7'4"	∞
25	15'8"	62'	14'4"	96'	12'2"	∞	10'2"	∞	8'0"	∞	6'5"	∞
15	11'1"	23'2"	10'5"	27'	9'2"	40'	8'0"	111'	6'8"	∞	5'6"	∞
10	8'1"	13'	7'9"	14'1"	7'1"	17'1"	6'4"	23'4"	5'6"	59'	4'8"	∞
8	6'9"	9'10"	6'6"	10'5"	6'0"	11'11"	5'6"	14'8"	4'10"	24'	4'2"	88'
7	6'0"	8'4"	5'10"	8'9"	5'5"	9'10"	5'0"	11'7"	4'5"	16'6"	3'11"	34'
6	5'3"	7'0"	5'1"	7'3"	4'10"	7'11"	4'6"	9'1"	4'0"	11'9"	3'7"	18'5"
5	4'6"	5'8"	4'5"	5'10"	4'2"	6'3"	3'11"	6'11"	3'7"	8'5"	3'3"	11'4"
4	3'8"	4'5"	3'7"	4'6"	3'5"	4'9"	3'3"	5'2"	3'0"	5'11"	2'9"	7'2"
3.5	3'3"	3'10"	3'2"	3'10"	3'1"	4'1"	2'11"	4'4"	2'9"	4'10"	2'6"	5'8"

TAKING THE PICTURE



Open the reflecting view-finder hood, using the thumb as indicated.

The brilliant view-finder shows you the way the picture will look on the film.





To take the picture, hold the camera as illustrated above, and compose the subject in the view-finder as you want it to appear in the finished picture. A lower or higher camera position may be desirable to get just the effect you want. Then, hold your breath for an instant and squeeze the shutter release *smoothly* with the right fore-finger. Be sure to press release as far as it will go, before removing finger. Take care not to jar the camera or the picture may be blurred due to camera movement.

CLOSE-UPS

Argus Forty may be focused for close-up pictures at a distance of $3\frac{1}{2}$ feet. When it is necessary or desirable to photograph a subject from a closer position use optical glass portrait and copy lenses.

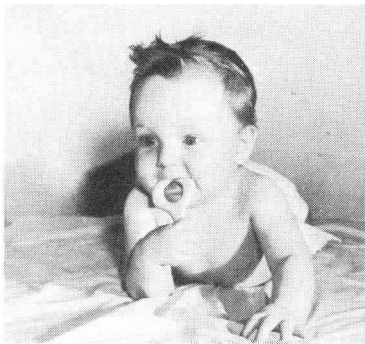
A selection of such lenses provide a wide range of utility in close-up photography.

Camera Focused on	$3\frac{1}{2}$ ft. Infinity (∞)
Portrait lens for use at	20" to $39\frac{3}{8}$ "
Copying lens for use at	$13\frac{1}{4}$ " to $19\frac{1}{2}$ "

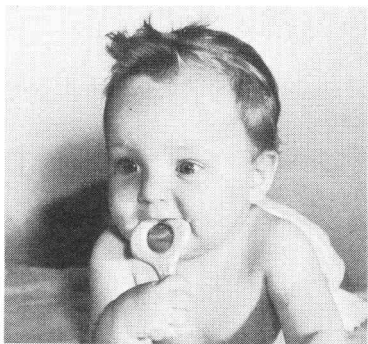
The lenses are supplied unmounted, 30 mm. in diameter and an Argus adapter ring, size 30 mm., holds them in place on the camera lens.

Caution: When using portrait or copy lenses check distances carefully with a tape measure or rule. Detailed instructions are supplied with each lens.

Ask your camera dealer to show you these useful lenses.



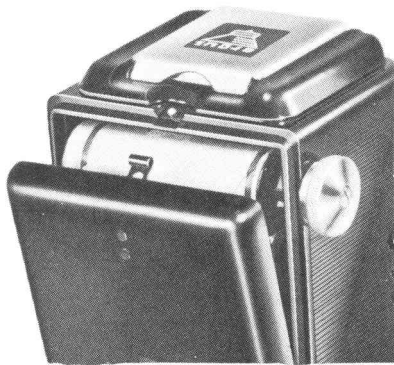
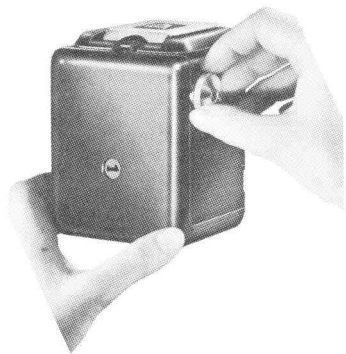
Taken at $3\frac{1}{2}$ feet,
no portrait lens



Taken at 18 inches, using
Portrait 2D lens

WINDING FILM

After each picture is taken, wind until the next figure appears in the center of the red window. After all 12 pictures have been taken, wind about 6 turns to take up film and protective paper.



UNLOADING FILM

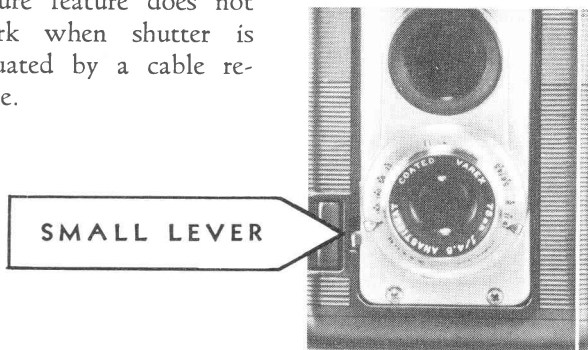
Open the back of the camera by lifting the locking catch, and lift out the roll of exposed film.

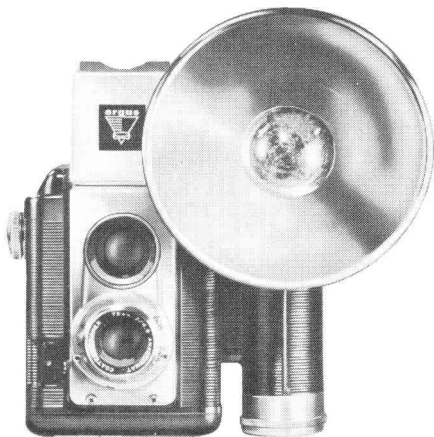
DOUBLE EXPOSURE PREVENTION

An unusual feature of Argus Forty is double exposure prevention. This means you cannot accidentally take two pictures on the same film. After taking a picture, the shutter release is locked and another picture cannot be taken with Argus Forty until the film is wound. This invaluable feature will eliminate one of the most common amateur mistakes.

If it is desired to intentionally take a double exposure, this can be accomplished by means of a small lever on the front of the camera. When pressed upward, it resets the shutter for a second picture without the need for winding the film.

Note: This double-exposure feature does not work when shutter is actuated by a cable release.

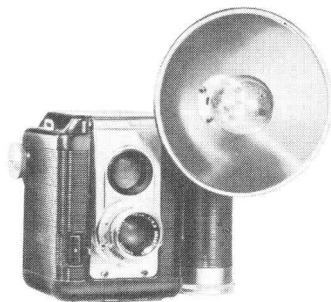
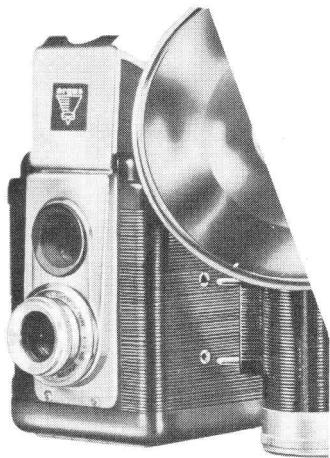




TAKING FLASH PICTURES

Argus Forty may be used to take pictures with flash bulbs without special adjustment. Synchronization is built-in, and the only extra required is the Argus 76 Flash Unit. This unit merely plugs into the camera, like plugging in a lamp and you are ready to take flash pictures. Before using the flash unit, insert two fresh size C flash batteries, with the brass caps uppermost.

To attach Flash Unit to the camera, insert flash contact pins into the holes on the side of the camera. The camera is automatically synchronized. Caution: do not have a flash bulb in Flash Unit when attaching.



It is recommended that the film be advanced before flash bulb is inserted. After attaching Flash Unit to the camera, a flash bulb may be inserted in it. Clean flash bulb contact. Push bulb in as far as it will go.

FLASH TABLES

When taking flash pictures with the Argus Forty, General Electric SM or Sylvania SF flash bulbs or equivalent are recommended. Using either of these flash bulbs, the shutter may be set at any speed. Other flash bulbs of the wire-filled type may be used with the shutter set at 25 (1/25 second) only. This speed is marked in green as a reminder. Refer to the Table below for proper lens settings.

Flash Bulb		Shut- ter Speed	Distance in Feet							
Sylvania	G.E.		3.5	4	5	6	8	10	15	25
SF	SM	1/25		f22	f16	f16	f11	f8	f5.6	
SF	SM	1/50		f22	f16	f16	f11	f8	f5.6	
SF	SM	1/100		f22	f16	f16	f11	f8	f5.6	
SF	SM	1/150	f22	f16	f11	f11	f8	f5.6	f4.5	
Press 25	S.P.#5	1/25				f22	f22	f16	f11	f5.6

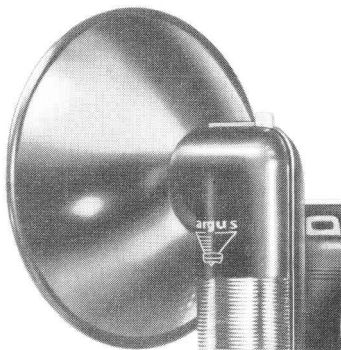
All figures are based on use of Kodak Verichrome, Plus X or Ansco Supreme roll film. For other films, refer to instructions furnished with flash bulbs, available from your Argus Dealer.

Caution: Do not use flash bulbs in an explosive atmosphere. Use of a transparent, protective screen is recommended as flash bulbs may shatter.



To take pictures with flash, check the distance to be sure you are neither too close nor too far, and follow the instructions on page 20.

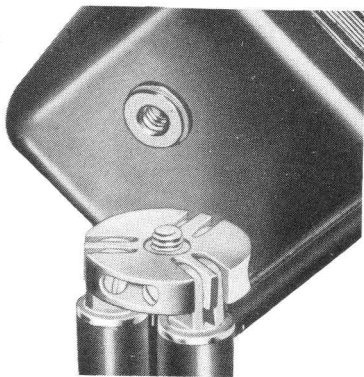
After the flash picture is taken, the flash bulb may be ejected automatically by pressing the red button at the top of the Flash Unit. This prevents burned fingers.





To protect Argus Forty, a genuine leather carrying case is provided as an accessory. It is designed to permit use of the camera without removal, including use of the flash unit.

The threaded bushing on the base of the camera permits the use of any standard tripod with Argus Forty. It is a useful accessory for time exposures.



IMPORTANT

DO YOU PLAN TO TAKE A TRIP?

Or photograph some special event? If so, you should expose a practice roll or two of film, including a few flash pictures. This will acquaint you with your new camera and prevent the disappointment of spoiling an important picture through lack of familiarity. • • • • •

Guarantee

Your Argus Forty 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 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.

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, Michigan