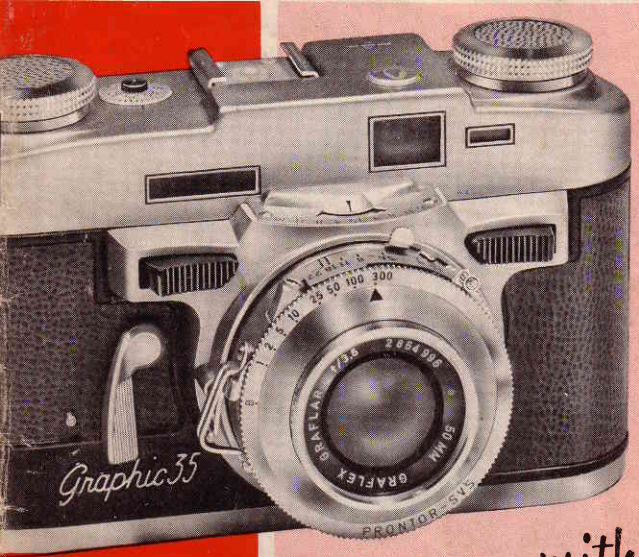

How to take Prize-Winning Pictures with your NEW

GRAPHIC® 35

www.graphiccameras.com

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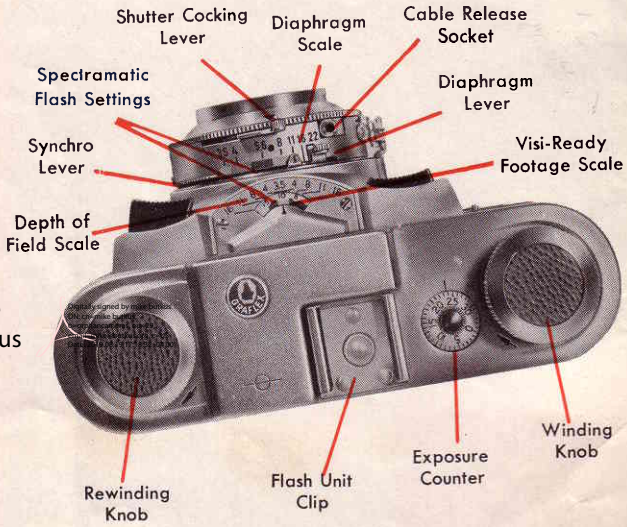
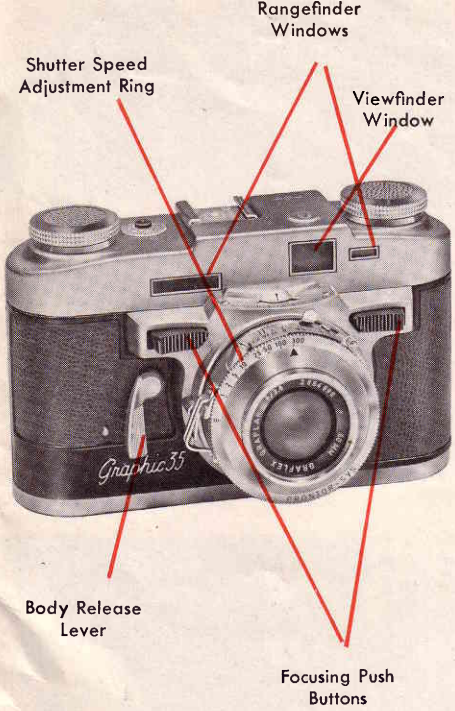
Get Acquainted with your Camera

Congratulations! You have acquired one of the finest cameras available. It has been superbly designed and precision-made by the world's most skilled photographic craftsmen. The more you use it, the more you'll appreciate the wisdom of your selection.

Before you use your camera, we suggest you become thoroughly acquainted with its many features. Knowledge of these features will allow you to operate your camera with complete confidence.



mike butkus



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Graphic® 35

Your new Graphic 35 will accept standard 20 or 36 exposure 35mm. film cartridges, (black and white or color). Loading is quick and easy. Never load or unload in bright, direct light. Simply follow the steps on these pages.

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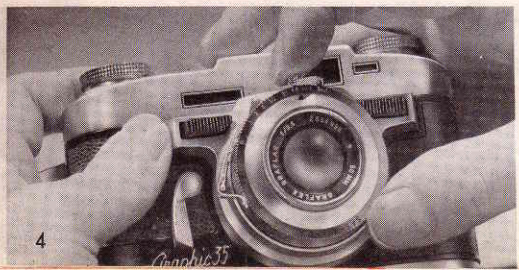
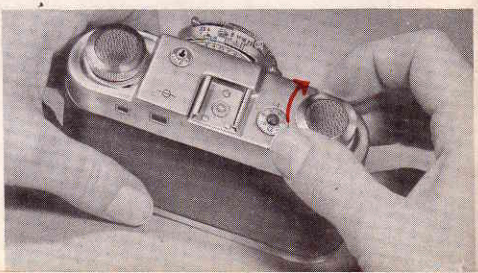
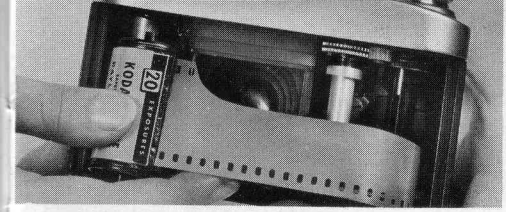
1. Turn the lock "lever" counter-clockwise as far as it will go. Slide camera back down and away from top of camera.

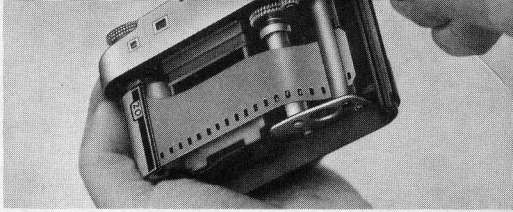
4. Next, cock shutter by pulling cocking lever to your right until it locks. Now trip the body shutter release lever on the front of the camera by pulling to the right (see Fig. 2, page 3).

5. Turn film winding knob, again, in direction of arrow as far as it will go. Make sure film is winding straight.







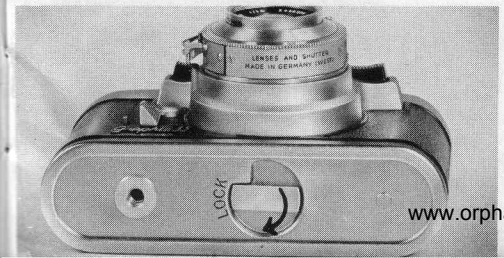


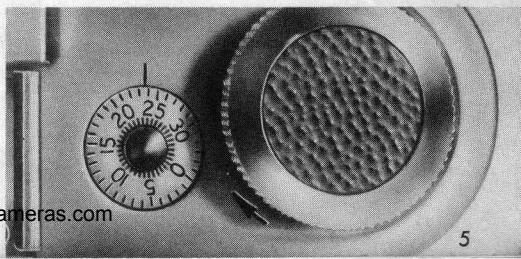
2. Insert the film cartridge. Turn the rewind knob until the cartridge is engaged.

3. Insert end of film through the slot in the take-up reel. Make sure sprocket teeth engage holes on film. Turn winding knob in direction of arrow until it stops.

6. Replace back and lock by turning locking lever clockwise, as far as it will go. IMPORTANT: repeat steps 4 and 5 *twice*. The film is now positioned for the **first** exposure.

7. Set exposure counter at "20" for 20-exposure films, at "0" for 36-exposure films. To set, press down on center of dial and turn. After each exposure, turn winding knob until it locks; the dial will tell you how many exposures you have *left*.





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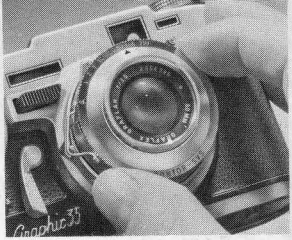
SETTING THE SHUTTER

In addition to a complete range of speeds the Prontor SVS Shutter fitted to your camera has a number of unusual features. Check the following paragraphs closely so that you may take advantage of them.

SHUTTER SPEEDS

Turn the shutter speed ring until the speed desired is opposite the triangular mark. All figures on the shutter speed dial represent fractions of a second. 2 1/2 sec., 10 1/10 sec., etc.

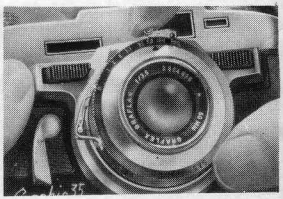


USING SLOW SPEEDS

The B (bulb setting) is for long exposures. Cock the shutter. Press the body release lever to the right and hold it there. Shutter will remain open until the release lever is freed. Use B and the slower speeds of 1, 1/2, and 1/10 only when the camera is on a solid support such as a Graphic Junior Tripod. Use of a cable release will further eliminate the possibility of camera vibration. NOTE: Read paragraph on use of Cable Release.

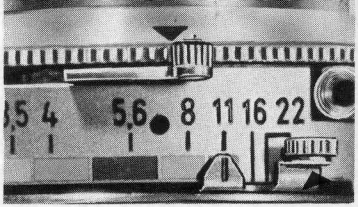
COCK THE SHUTTER

Holding the camera as shown, push the cocking lever to the left until it locks. The red dot on the cocking lever then indicates that the shutter is ready to be tripped.



SETTING THE DIAPHRAGM

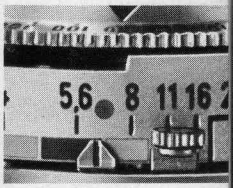
The right combination of shutter speed and lens opening is most important. You will find excellent exposure information in the instruction sheet packed with the film. Use it carefully, since it is an accurate, dependable guide.



The lens opening is controlled by the diaphragm within the lens and is measured in "f/stops." The larger the f/stop number, the smaller the diaphragm opening and the less light admitted to the film, and vice versa. (The opening 8 lets in twice as much light as 11; 5.6 twice as much as 8, and so on.) To set, simply move the diaphragm lever until the red line of its pointer lines up with the black line opposite the f/stop number you select.

NOTE: Lens aperture, diaphragm opening, stop opening, f/stop, f/number and similar phrases are often used synonymously (although inaccurately).

Red Dot Setting. You don't have to be an expert to take beautiful color pictures with *this* camera. Simply set the diaphragm lever at the red dot between f/5.6 and f/8 and the shutter speed ring at the red 1/50 setting. Cock the shutter and you will be ready for average subjects in bright sunlight.



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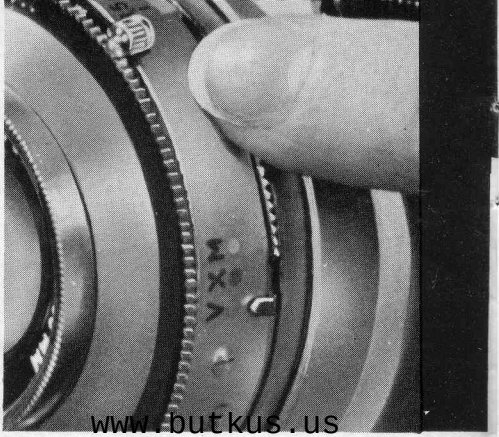
HOW TO USE THE SELF-TIMER

This feature is provided to allow the person taking the picture to appear in it. Built-in self timer can be engaged either before or after the shutter is cocked by moving the synchronizer pointer at the side of the shutter to the letter "V." When the body release lever is pressed, there will be a delay of about 10 seconds before the shutter trips. The lever can be moved *from* "V" at any time.



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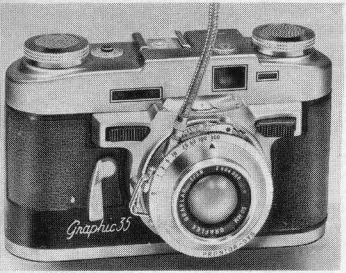
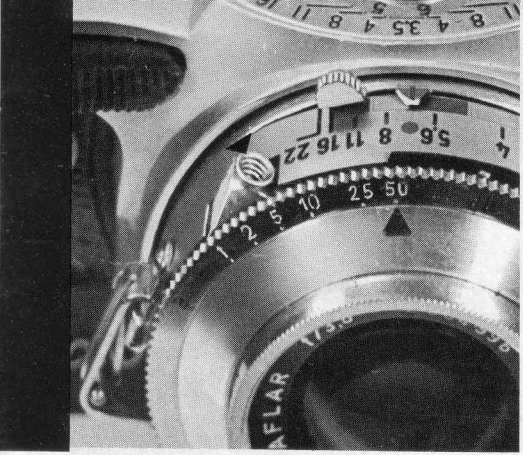


HOW TO MAKE AN INTENTIONAL DOUBLE EXPOSURE

It is well to place the camera on a firm support and use a cable release (not the body release) to trip the shutter. Be sure to unlock the film for winding as described in Note on opposite page.

Multiple exposures on the same frame can be made by cocking and tripping the shutter.



CABLE RELEASE SOCKET

The cable release feature can be used at any speed. It is particularly useful to avoid camera movement when slow speeds are used. Any standard European or American-made cable release will fit. When using slow shutter speeds, be sure the camera is on a tripod or other steady support.

NOTE: When the shutter is tripped with a cable release, the film transport mechanism, which is a part of the double exposure preventive device, will still be locked. To unlock it: (1) cock the shutter and *hold* lever down while (2) pulling to the right on the body release lever. (3) Allow body release to return to normal and (4) remove pressure from the cocking lever. It will stay cocked and the film can then be wound forward with the film winding knob.

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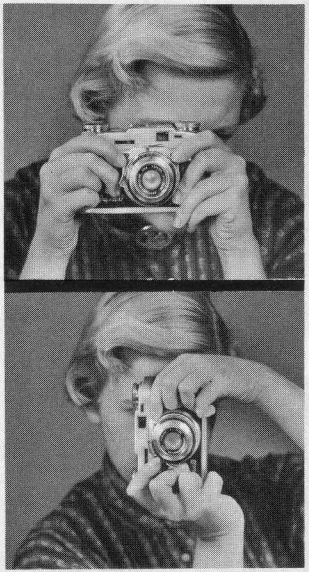
Push-Button Focusing...

GREATEST CAMERA ADVANCE IN YEARS!

How to Hold Your Camera

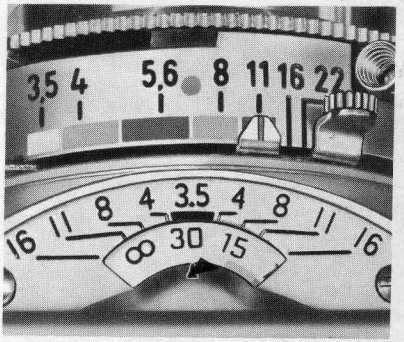
Hold your Graphic 35 as shown here and you'll find all controls and adjustments are at your fingertips.

Your index fingers will rest on the focusing push buttons with the middle finger of the right hand in perfect position to trip the shutter release lever. With the back of the camera toward you, use the right hand window for viewing and composing. Use the left hand window for rangefinder focusing. Pressure on either push button actuates the split-image coupled rangefinder. Push first one button, then the other, until the upper half of the image in the rangefinder viewer exactly lines up with the lower half.



Visi-Ready Focusing

Sometimes it is desirable to "pre-focus" the camera in order to make the shot quickly without attracting attention. Simply estimate the distance to the subject and use the push button levers to bring the estimated footage figure into position (opposite the footage indicator arrow) on the Visi-Ready scale. Cock the shutter and the camera is ready.



For general scenic and vacation shots use this method for simplified picture-taking. Set the diaphragm at f/11 and the Visi-Ready Footage Scale at 30′. All objects from approximately 15′ to infinity will be in sharp focus. For this simplified method use a shutter speed of 1/25 for color film or 1/50 for black and white film. If you shoot in bright sunlight, your camera will always be ready for use.

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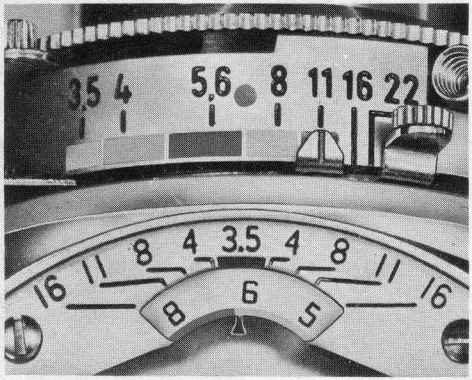
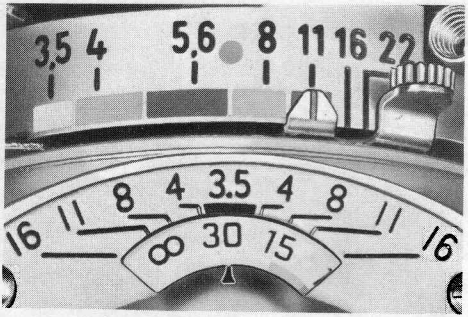
NOTE: Any change in the diaphragm setting demands a compensating change in the shutter speed. Example: f/8 changed to f/11; 1/50 sec. changes to 1/25 sec.



Depth of field will help you to include a great deal of subject matter in sharp focus in the picture. In order to utilize it to the best advantage, the Visi-Ready scale has two sets of diaphragm numbers across the front of it, above the dial containing the focusing scale. Simply focus through the rangefinder in the normal manner and determine the exposure required by the subject, set the shutter speed and diaphragm settings in the usual manner. The two sets of figures on the depth of field scale represent diaphragm numbers or settings. As an example, assume the exposure will be 1/50 at f/11, and the subject is at a distance of about 6′, you will find that the area of

sharpest focus (depth of field) will lie within the distances indicated on the focusing scale between the two 11's on the depth of field scale. In the example illustrated this would be 5′ and 8′.



In order to obtain maximum depth of field at any given diaphragm opening, set the infinity mark on the focusing scale at the figure on the left side of the scale representing the diaphragm opening which you will be using. The figure on the focusing scale opposite the same diaphragm opening number on the other side of the scale will represent the closest distance within which an object will be very sharp. For instance, in the example illustrated, the camera would nominally be focused on about 30′ and the subject matter which would be in sharpest focus would be from 12′ to 15′ to infinity when the diaphragm opening is used at f/11.

You may find that for your own personal use you can use even larger diaphragm openings than those indicated on the Visi-Ready scale, since you may not require the same critical sharpness for which this scale has been computed. This may be helpful to you in making many of your pictures.

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Spectramatic Flash Settings Take the Arithmetic Out of Flash Photography

HERE'S ALL YOU DO:

Here is another reason why you will be glad you chose the new Graphic 35. Spectramatic flash settings make flash exposures easy and sure.

NO guide numbers. NO arithmetic.

NO calculations. Simplicity itself!

The Spectramatic flash settings are based on the use of several popularly used film and flash combinations as listed:

Set synchronizer lever at "M" (except for M-2 lamps)

Kodachrome and Ansco Daylight (ASA Index 10) No. 5B and No. 25B (blue) lamps

Kodachrome and Ansco Daylight (ASA Index 10) Stroboflash II

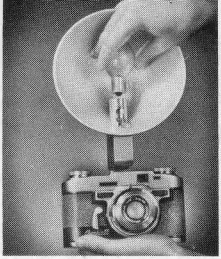
Kodachrome A and Ansco Tungsten (ASA Index 12-16) SM and SF

Kodachrome A and Ansco Tungsten (ASA Index 12-16) M-2 (set sync. lever at "X")

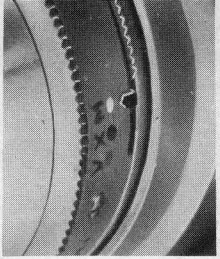
Kodachrome A and Ansco Tungsten (ASA Index 12-16) No. 5 and No. 25 at 1/300 second

New Ektachrome 35 mm film. Follow closely the instruction sheet packed with the film.

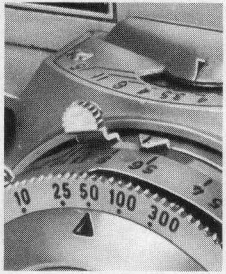
1. Slide your Graflash PL or Graflash B-C unit into the flash unit clip as far as it will go.



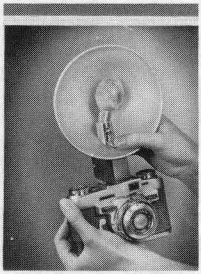
2. Insert a No. 5 or No. 25 flashlamp in reflector.



3. Set the Synchro-Lever at yellow dot (M position).



4. Set shutter speed at 50 (in red). Focus the camera and note the color bar next to the *focusing scale* pointer. Set the *diaphragm scale* pointer to the same color bar on its scale.



5. After taking your picture, release the lamp by pressing ejector button.

For shutter speeds other than 1/50, use the exposure information suggested with the film or flash lamps you are using.

"X" setting. For zero delay electronic (high speed) flash. Can also be used to fire all flash lamps up to 1/25 of a second and M-2 lamps up to 1/50.

"M" Setting. For standard flash (Type M) lamps such as the No. 5, Press 25, No. 2, No. 22, etc., lamps.

If the synchronizer lever has been accidentally set at "V," it can be moved to either "X" or "M" at any time, either before or after the shutter has been cocked.

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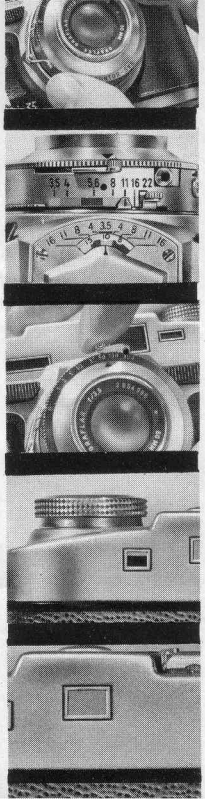
TAKING THE PICTURE

Check These Adjustments Before You Release The Shutter

You have become acquainted with your fine new Graphic 35. You know what each control is for and where it is located. You have loaded your camera with film, made sure the back is tightly locked, advanced the film to "taking" position, and made ready to take your first picture. Now is the time for the photographer who wants exceptional pictures right from the start to relax and check his adjustments before tripping the shutter. Make carefulness a habit. You'll save time, money and picture-taking disappointment.



1. Make sure the shutter speed ring is set to the right shutter speed.

2. Make sure that the diaphragm lever is set at the correct f stop.

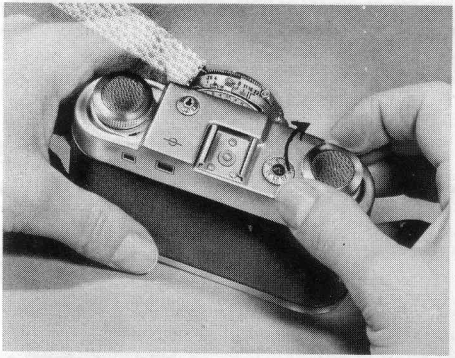
3. Be sure the red dot on the shutter cocking lever shows that the cocking lever is set.

4. Check through the rangefinder window to make sure your subject is still in focus.

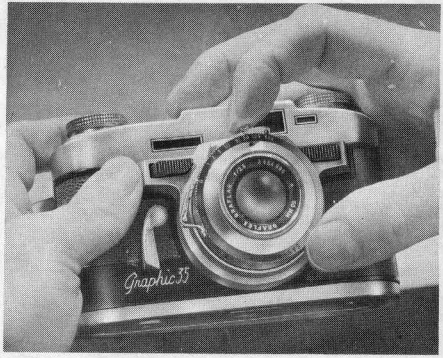
5. With your eye at the viewfinder window check composition and framing. *NOW* trip the body release lever. You'll have a fine picture!

THE FILM FOR YOUR NEXT PICTURE

After each picture, make it a practice to advance the film immediately so that you are ready for the next one. You never know when that once-in-a-lifetime picture-taking opportunity is going to arrive.



Turn winding knob in direction of arrow until it locks. This prevents accidental double exposure and also advances the automatic film counter.



The one remaining step before taking your next exposure is to cock the shutter.

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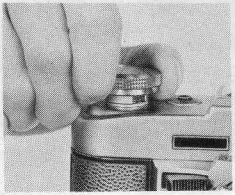
HOW TO REMOVE THE FILM FROM THE CAMERA

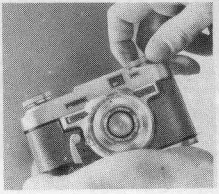
When the exposure dial on your Graphic 35 reads "zero" you will have taken all the pictures on the roll. Usually, it will be impossible to wind the film past this point. The exposed film *must* now be rewound back into the light-tight cartridge before removing from camera.



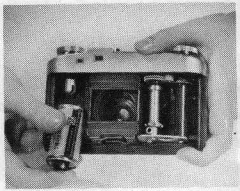
Lift the winding knob and turn it slightly to hold it in the "out" position. This releases the film transport interlocking mechanism so film can be rewound into the cartridge.

Release the lock on the bottom of the camera and remove the back.

Exposed films should be processed promptly. Follow manufacturer's instructions packed with the film.



Turn rewinding knob in direction of arrow until the exposure dial stops turning. You now have all exposed film safely enclosed within the cartridge.



Lift out the cartridge. Turn winding knob until it snaps down into place. Reload your camera so that it will always be ready for use.

Picture Taking Tips

The best pictures are those which tell a single simple story.

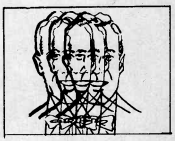
Check the background to make sure that there is no distracting material such as a branch or a telephone pole which appears to grow out of the head or shoulders of your subject. Horizontal lines such as the clapboards or shingles on a house can be distracting. When photographing pets or children the camera should be held at or below their level.

Get your subject to relax. Try to have him doing something, besides looking at you.

Side-lighting and back-lighting are helpful. To get the right exposure, check the film manufacturer's instruction sheet. Be sure to use a lens shade when shooting toward the sun or other bright areas.

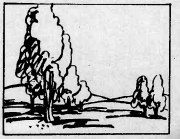
Filters are always helpful in making better pictures. Check the film manufacturer's instructions for the type of filter recommended.

Sharp pictures are of utmost importance. Be sure the subject is properly focused. Hold the camera motionless when making the exposure. Learn to move your finger on the shutter release smoothly and easily without jerking. Hold your breath for the instant that the exposure is made and you will be rewarded with clearer, sharper pictures.



Action will require the use of a fairly fast shutter speed. 1/100 of a second will stop normal motion around the home, but fast action will require the 1/300 setting. Action can best be stopped if the subject is going toward or away from the camera, but will be harder to stop if moving at right angles to the camera.

Your pictures will look better if you frame them with interesting foreground material. Usually, this can be in the form of a silhouette of a branch of a tree, tree trunk, doorway, window or dark shadow across the foreground.



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CARE OF THE CAMERA

You have purchased a fine camera, carefully designed, produced, and tested. It should give you long and most satisfactory service. Protect it from dust and dirt and avoid rough handling. It is a good idea to keep the camera in the carrying case with the cover fully closed when the camera is not in use or when it is carried in dusty areas.

Do not attempt to make any repairs to the shutter. Never attempt to oil a camera shutter. The shutter has many small parts, and if it should need attention, be sure to turn it over to a competent camera mechanic. Your Graflex Dealer can be of service in this respect. Remember that on general principles it is a good idea to have the shutter checked over every few years to keep it in tip-top shape.

The surface of the lens has received a special hard coating which will reduce internal reflections and help make clearer, brighter color transparencies and black and white negatives. The lens can be cleaned by using a camel's hair brush or lens tissue, moistened with a drop or two of lens cleaner. Do not apply the lens cleaner to the surface of the lens itself. When cleaning the lens, wipe it with smooth, easy motions but do not scrub it.

Accessories FOR YOUR GRAPHIC® "35"

Graflite® Jr.

Designed for more efficient use of Battery or B-C power

Graflite is the finest, most versatile flash unit on the market today. It can be used with "D" size batteries or the new B-C cartridge. Built for use with synchronized shutters. The high efficiency reflector can be adjusted for broad or beam lighting. Light weight, beautifully styled. The finest flash unit you can choose for your Graphic 35.

Graflash B-C

This small, efficient unit uses a 22½ volt battery and has special current saver circuit. Extension outlet permits use of extension flash. Accepts bayonet base flash lamps.

Graflash P-L

Lowest cost Graflash available. Uses two inexpensive pen light batteries. Accepts bayonet base flash lamps.

M-2 Graflash B-C

This unit differs from the regular B-C in that it has new 3" reflector recommended for M-2 flash lamps. Has push-button ejector and extension outlet.

Graflite Sidelighting Unit

For auxiliary back or side lighting, this unit is ideal. Lamp socket assembly has outlets for BC cartridge and "D" size battery use, two of each accommodating standard household plugs. Adjusts to any position. Includes 15' extension cord.

ELECTRONIC FLASH

STROBOFLASH I—Small, compact, easy to carry. Capacity: 50 watt seconds. Duration of flash: about 1/1400 second. Guide numbers for color: 28 to 35.

STROBOFLASH II—Durable and powerful. Capacity: 100 watt seconds. Duration of flash: about 1/1000 second. Guide numbers for color: 40 to 50.

STROBOFLASH III—Biggest, most powerful portable. Capacity: 200 watt seconds. Duration of flash: about 1/500 second. Guide numbers for color: 56 to 70.

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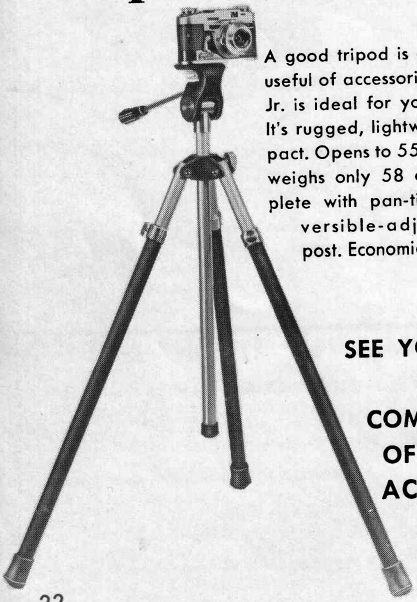
Accessories Cont'd

Graphic® Jr. Tripod



A good tripod is one of the most useful of accessories. The Graphic Jr. is ideal for your Graphic 35. It's rugged, lightweight and compact. Opens to 55", closes to 26", weighs only 58 oz. Comes complete with pan-tilt top. Has reversible-adjustable center post. Economically priced, too.

SEE YOUR DEALER FOR A COMPLETE LINE OF GRAFLEX ACCESSORIES

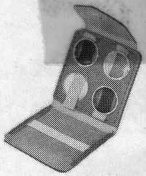
GRAPHIC® "35" Carrying Case

A fine camera like your Graphic 35 deserves to be protected with this fine carrying case. Made of top grain cowhide. Has removable front and adjustable neck strap for ever-ready use.

Filter—Lenshade—Case Combination

Lens shade, adapter ring and your choice of color or black and white filters are packed in convenient leather case. Separate compartments for sunshade and six filters.

Filter Kits



Wallet-type filter holder holds your choice of three filters for black and white or color. Separate compartments for four filters.

ADDENDA TO GRAPHIC 35 INSTRUCTIONS

SPECTRAMATIC FLASH SETTINGS ARE FOR COLOR FILM

When using black and white film or any film and flash combinations not listed below, follow instruction sheet packed with the film

Film	Flash	Shutter	Synchro-Lever
Daylight Kodachrome and Ansco	5B or 25B	1/50	M-yellow dot
Daylight Kodachrome and Ansco	Stroboflash II	1/300	X-red dot
Kodachrome A, Ansco Tungsten	SM or SF	1/50	X-red dot
Kodachrome A, Ansco Tungsten	M-2	1/50	X-red dot
Kodachrome A, Ansco Tungsten	5 or 25	1/300	M-yellow dot
New Ektachrome (tentative)	Stroboflash I	1/300	X-red dot

page 15—Do not attach or remove Graflash with a fresh (unfired lamp) in the socket.

page 13—Before setting counter dial, be sure winding knob has first been turned until it stops.

Graflex, Inc.

Rochester 8, N. Y.

Form No. 256a

Printed in U.S.A.

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SPECIFICATIONS

35MM FILM: Standard 20 or 36 Exposure Cartridges, black and white or color. 1″ x 1½″ (24 x 36mm.) negative size—2 x 2 color slides.

PUSH-BUTTON FOCUSING: No twisting or twirling. Pressure on push buttons brings lens into correct focus.

COUPLED RANGEFINDER: Split field rangefinder coupled to lens actuated by push-button focusing.

VISI-READY FOOTAGE SCALE: Indicates distance to subject. Focusing range 3′ to infinity. Indicates depth of field instantly. Color-coded guide for correct setting for indoor flash photography.

50MM GRAFLAR f/3.5 LENS: Color corrected and coated for more brilliant pictures.

FILTER MOUNT DIAMETER — 31.5mm: Accepts Graflex Series V lens shade and filter holder or other Series VI attachments.

FULL RANGE OF SHUTTER SPEEDS with Prontor SVS Shutter: B, 1, 1/2, 1/5, 1/10, 1/25, 1/50, 1/100, 1/300.

FULL SYNCHRONIZATION RANGE: X at *all* speeds. M (Nos. 5 and 25) lamps at *all* speeds. M-2 lamps at speeds up to and including 1/50.

SELF-TIMER: Can be engaged or disengaged before or after shutter is cocked.

RED DOT SETTINGS: Red 1/50 on shutter ring and red dot on diaphragm scale for basic outdoor color photography.

DOUBLE EXPOSURE PREVENTION: Body release will not operate until shutter has been cocked and film wound.

GABLE RELEASE SOCKET: Permits making intentional double exposures.

EXPOSURE COUNTER DIAL: Tells how many exposures remain to be taken.

Diecast All-Metal Construction—Diecast machined film channel.

Positive Action Non-Scratching Pressure Plate.

FLASH CLIP: Standard shoe accepts Graflash PL or B-C.

OPTICAL VIEWFINDER: Direct optical eye-level type.

SPECIAL FEATURES: Back removable for convenient loading. Corrosion-proof finish—finest of any comparable camera. Scuff-proof covering.

Modern Design and Styling.

Standard Tripod Bushing.