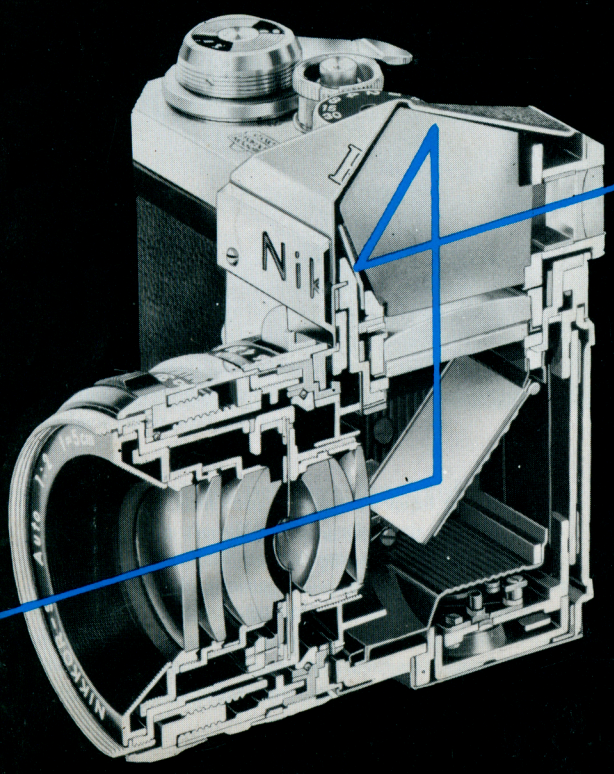


the inside story
of the great new

NIKON F

automatic reflex

'35'



with these internally-coupled,
fully automatic features

instant-reopen diaphragm
instant-return mirror
instant-action preview control

Smoothness, speed, hushed precision — these are the very first delightful impressions as you put the new Nikon F through its paces. You look through the finder — you see the entire field — the image is bright, clear. Focusing is fast, easy, positive. You frame your subject. You shoot. At this point the camera takes over, automatically. Except for the almost imperceptible flutter of the mirror and the almost inaudible 'click' of the shutter, you would hardly know the exposure had been made. The image is still in the finder, bright and clear as before — the lens wide open, ready for the next picture without further adjustment.



In the instant of exposure, the diaphragm closed down to 'taking' aperture, the mirror flipped up, the shutter curtain flashed across the film plane. Then instantly, automatically, the diaphragm reopened and the mirror returned to viewing position. And, all of this occurred as smoothly, as quickly and quietly as the flick of an eyelash.

Never before have you known such handling ease in a single-lens reflex. There's a new sense of follow-through, and a new feeling of confidence about what you're getting. You proceed from one picture to the next with startling speed, unencumbered by mechanical distractions. You're in complete command. You focus, frame, shoot — and the camera responds, smoothly, efficiently . . . automatically.

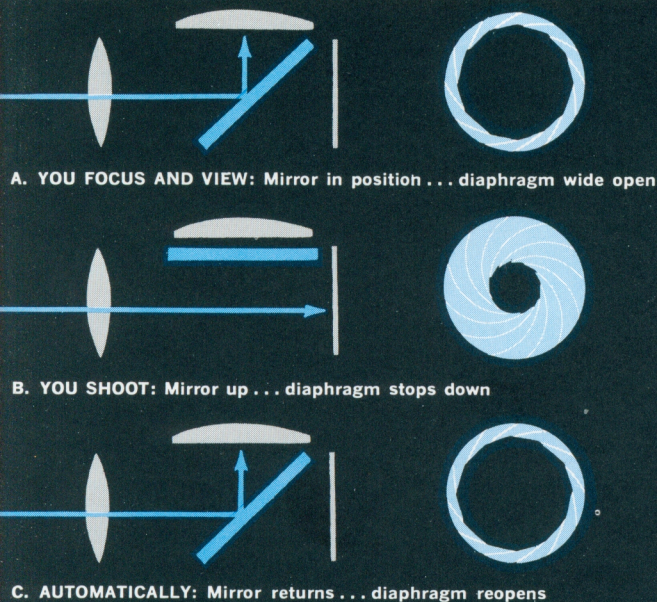
instant-return automatic mirror

Whisper-quiet, lightning fast — the mirror returns to precise focusing-viewing position the instant the exposure is made, even with the camera held upside down.

instant-reopen automatic diaphragm

When you focus and view, the lens is wide open. At the instant of exposure, the diaphragm automatically closes down to 'taking' aperture. Then, instantly, automatically it reopens again to full aperture.

So unique is the design of the Nikon automatic diaphragm that even when pre-set for intermediate openings — between markings — the action of the diaphragm will not disturb the setting. Furthermore, when interchanging lenses, no attention need be paid as to whether or not the shutter had been previously wound. The diaphragm is fully automatic and foolproof.



instant-action preview control

You press the Preview Control button, and the diaphragm stops down. Permits you to see the depth-of-field at 'taking' aperture — or to select 'taking' aperture on the basis of desired depth-of-field. Release the button, and the diaphragm reopens instantly. The Preview Control is independent of the shutter release mechanism, and cannot cause accidental exposure.

incomparable Nikkor Lenses for the Nikon F Automatic Reflex



Nikkor lenses have achieved a unique position in the esteem of the world's greatest photographers. They are regarded to be the finest ever made available to the 35mm photographer. The resolution and color rendition of these fine lenses — even at maximum apertures — are unmatched in the field of 35mm optics. Wherever you go in photographic circles you will hear stories of Nikkor quality — stories of impossible pictures made possible with Nikkor lenses. Now this Nikkor quality is available in lenses for a single lens reflex — the Nikon F.

As you look through the camera finder you see exactly what the lens sees — exactly what you will get on your negative. And because of the camera's automatic diaphragm system, you always view a bright image with the lens at maximum aperture. The Nikon F, equipped with Nikkor optics, is the perfect tool for the creative photographer.

Auto-Nikkor Telephoto Zoom continuously variable from 85mm to 250mm



Here is lens interchangeability without the need to interchange lenses. The Nikkor zoom is a single lens that at one instant is an 85mm medium telephoto; in another a long range 250mm objective; or any one of more than 165 intermediate focal lengths. It lets you pick off distant shots, close-ups, and extreme close-ups (to 7½ feet) with ease and speed — and without moving an inch. Once in sharp focus, the subject remains sharp at every focal length. The automatic diaphragm is always at f/4, full aperture, for focusing, viewing and focal length selection except at the instant the picture is taken.

The Nikkor telephoto zoom is as fine a lens as it is unusual — a lens worthy of the most discriminating users of 35mm equipment.

15 elements; click-stops to f/16. Focuses to 13 feet (7½ feet when supplementary lens, supplied as standard equipment, is used). Accepts series IX filters.

21mm Nikkor f/4 extreme wide-angle lens



Nowhere is the quality of Nikkor optics better demonstrated than in the critical demands of this new extreme wide angle lens. Despite its 92° angle of coverage, the 21mm Nikkor f/4 is a lens of high resolution, and color correction, exhibiting no linear distortion. Image definition is critically sharp from edge to edge, even at maximum aperture.

8 elements; click-stops to f/16. Focuses to 36 inches. Accepts 52mm screw-in filters.

58mm f/1.4 Auto Nikkor

The Nikkor f/1.4, acknowledged to be the finest high speed lens ever designed, is now available for the new Nikon F Automatic Reflex. While the f/1.4 makes the Nikon F the first and only reflex with a lens of such speed and quality it also makes the Nikon F finder the brightest of any reflex on the market. Internally coupled to the camera's automatic diaphragm system, the f/1.4 provides a handling ease and speed never before achieved with a single lens reflex. The clarity, sharpness and color rendition of this superb Nikkor have made it one of the most talked about lenses of our time.

7 elements; click-stops to f/16. Focuses to 24 inches. Accepts 52mm screw-in filters.



Nikkor Lenses

All lenses supplied with front caps. Telephotos from 105mm up include lens hood. All lenses from 21mm through 135mm accept 52mm screw-in filters, except 105mm f/4 which uses 34.5mm.

21mm f/4 (described above)

28mm f/3.5 Auto-Nikkor; 6 elements; focuses to 12"

35mm f/2.8 Auto-Nikkor; 6 elements; focuses to 12"

50mm f/2.0 Auto-Nikkor; 7 elements; focuses to 24"

58mm f/1.4 Auto-Nikkor (described above)

105mm f/2.5 Auto-Nikkor; 5 elements; focuses to 4'

105mm f/4.0 Pre-set Nikkor; 3 elements; focuses to 2³/₄'

135mm f/3.5 Auto-Nikkor; 4 elements; focuses to 5'

85-250mm f/4.0 Auto-Nikkor Zoom (described above)

180mm f/2.5 pre-set; 250mm f/4.0 pre-set; 350mm f/4.5

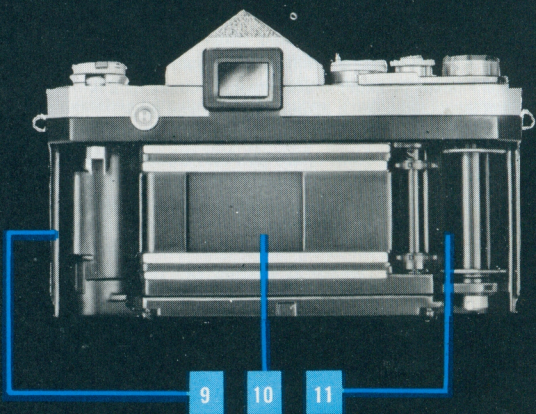
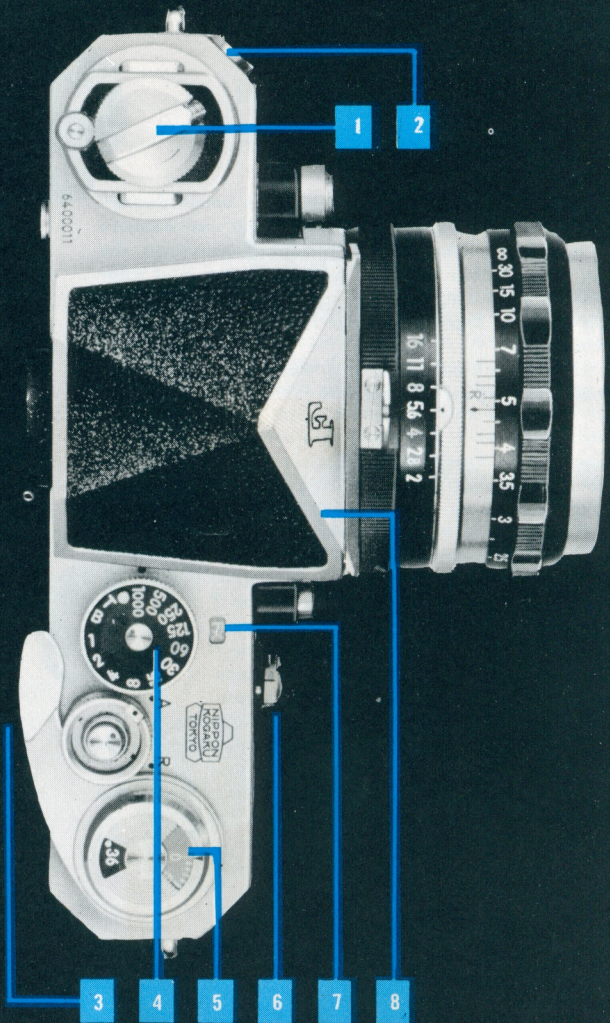
semi-automatic; 500mm f/5.0 pre-set; 1000mm f/6.3

lenses fit the Nikon F with the use of an adapter coupler.

adapter couplers



The Rotating Adapter Coupler permits use of the 180 to 1000mm Nikkor lenses on the Nikon F. The camera can be switched from vertical to horizontal format without removing it from the tripod. The non-rotating coupler is for use with the 500mm and 1000mm lenses.



other distinctive features that distinguish the Nikon from all other 35mm single- lens reflex cameras

- 1 HIGH-SPEED FILM REWIND CRANK**
folds down flush when not in use.
 - 2 ONE STANDARD TERMINAL FOR FLASHBULBS AND ELECTRONIC FLASH**
does not interfere with viewing and other operations. Also has terminal for cordless flash.
 - 3 SINGLE-STROKE FILM ADVANCE LEVER**
also winds shutter — prevents double exposures.
 - 4 NON-SPINNING SHUTTER SPEED DIAL**
does not rotate while shutter is wound or released — speeds: 1 sec. to 1/1000th, T and B.
 - 5 EXPOSURE COUNTER**
automatically resets to "0". Film Load Reminder for 20 or 36 exposures.
 - 6 CALIBRATED, DUAL PURPOSE SELF TIMER**
pre-sets from 3 to 10 seconds. An ingenious aid for hand-held exposures at slow speeds.
 - 7 COMPENSATING FLASH SYNCH CONTROL**
compensates for flashbulb peak characteristics at all speeds to 1/1000th — electronic flash at 1/60th.
 - 8 INTERCHANGEABLE VIEWFINDER**
eye-level penta-prism finder provides full size image of the entire field even when wearing glasses. Interchanges with accessory waist-level hood and magnifier.
 - 9 COMPLETELY REMOVABLE BACK**
for faster loading, easier cleaning.
 - 10 BALL-BEARING FOCAL PLANE SHUTTER**
thermally compensated to assure accurate, uniform speeds—even under temperature extremes.
 - 11 FIXED TAKE-UP SPOOL**
precisely aligned to insure even film draw — speeds film loading.
- TRIPOD SOCKET IN BODY CASTING**
eliminates unnecessary strain on camera back. Centered for better balance.
- MIRROR LOCK**
secures mirror in 'up' position for deep-set extreme wide angle lenses, such as the new 21mm Nikkor f/4.
- FASTEST SHUTTER CURTAIN ACTION**
increases stop-action effectiveness, minimizes elongation distortion.
- CONVEX, LENTICULAR FOCUSING SCREEN**
gives maximum and uniform brightness over the entire field. Has built-in prismatic, split-image rangefinder as a further aid to precise focusing. Interchanges easily with accessory screens — one with clear spot and cross-hair reticule, and the other with fine ground spot. Finder field coincides precisely with film area — covers 100% of the image as it will record on the film.

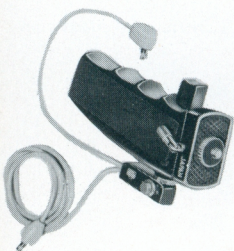


electric motor drive for Nikon F

The Nikon Electric Motor Drive brings automatic fire power to 35mm photography. It permits power driven single exposures or bursts of 2 or more exposures continuously through a 36-exposure roll. Operated by 8 "C" batteries in a compact case, the motor automatically advances the film, winds the shutter, and releases the shutter at varying rates up to 3 per second, permitting time lapse, sequence, remote and rapid fire individual shots. Mirror and diaphragm action are so rapid that the bright image remains visible in the finder at all times. Motor is supplied with battery case and connecting cord.

A 250 exposure motor driven back permits a wide range of applications where constant reloading is impractical. Motor operation is identical to that described above.

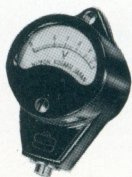
motor accessories



PISTOL GRIP—For convenient camera-lens support. When used with motor-equipped Nikon and micro-switch, motor operation can be controlled from pistol trigger. Especially convenient when used with longer focal length lenses. Can also be used for conventional operation when connected to camera with standard coupling cable.

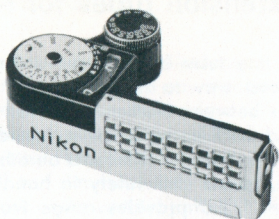
MICRO-SWITCH — Connects to pistol grip trigger and permits all motor operation from the grip handle.

BATTERY TESTER—Miniature voltmeter for checking motor drive batteries. Plugs into battery case terminal and indicates voltage; marker shows recommended minimum.



ADDITIONAL MOTOR ACCESSORIES: Relay box for remote operation of motor with intervalometer or external switch, at various distances.

30' motor extension cord.



Nikon F exposure meter diaphragm-and-shutter-coupled

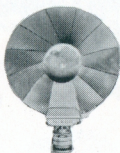
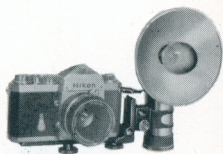
The meter for the Nikon F provides extremely accurate exposures, rapidly, over a wide range of light conditions. It offers the unique feature of coupling to both the diaphragm and the shutter speed dial. Correct exposure is automatically set by adjusting either the lens aperture ring or the shutter speed dial. An internal shunt automatically changes meter sensitivity to match high or low lighting conditions. ASA film speed range is from 6 to 4000. Supplied with an opal screen for incident light readings. An accessory booster for dim light conditions increases meter sensitivity 3.2 times.

Nikon flash units

MODEL BC-3 — Rugged, heavy duty unit with 4½" reflector and folding camera bracket. Has extension outlet, 2 built-in test bulbs, bulb ejector, snap-off case for off-the-camera flash, flash calculator. Complete with case and 8" connecting cord.

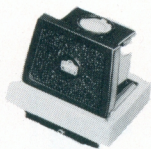
MODEL BC-5 — Adds to Nikon's handling ease and speed. Eliminates need for wires by making contact with F's built-in flash terminal. Tilting head reflector is fan-fold type; automatic capacitor charging; built-in test bulb; exposure guide; case.

COUPLER — For mounting BC-5 on Nikon F.



Nikon waist level finder

Interchanges with the prism finder on the Nikon F for waist level, microscope, or copy-stand-mounted photography. Includes a built-in magnifier for accurate focus. Supplied with case.

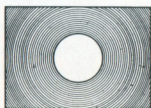


interchangeable focusing screens

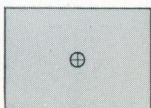
MODEL A — Furnished with camera; matte surface fine focus center spot and split image rangefinder. **MODEL B** — Matte surface, fine focus center spot. **MODEL C** — Matte surface, clear center spot with fine cross-hair etch.



Model A



Model B



Model C

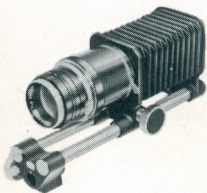
extension tubes for Nikon F



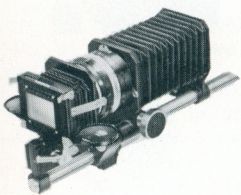
This fine tube kit provides a flexible and low-cost way to take close-ups, by fitting tubes between Nikkor lenses for the Nikon F and the F body. Screw-in threads on some tubes and bayonet mounts on others permit ease, speed and safety in handling. With 50mm f/2.0 provides range from 1:1 up to 1:4.4; the area covered ranges from 1" x 1½" to 4¼" x 6¾".

Kit includes: two 5.8mm tubes, a 5mm, 10mm, and 20mm tube, complete with leather case.

bellows focusing attachment



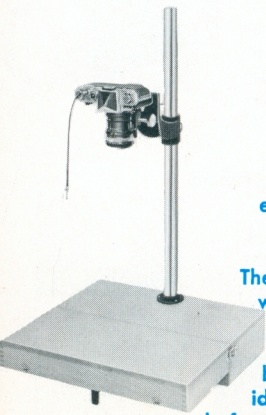
The Nikon Model 11 bellows is used with the Nikon F camera for close-ups and macro photography. It accepts all Nikkor lenses for the F. Reproduction ratios are determined by the focal length of the lens used and by the extension of the bellows. With the 50 or 58mm lenses the magnification range is from 1X (life size) up to approximately 3.5X. When the 135mm f/4.0 short mount Nikkor is used with its adapter tube, the range extends continuously from life size (1X) up to infinity. A rotating camera bayonet mount permits vertical as well as horizontal photos.



slide copying adapter

This adapter is used in combination with the Nikon F Bellows Focusing attachment for making duplicates of 35mm color or black and white transparencies, for either 2x2 slide mounts or in film strips. With the 50 or 58mm lenses, reproduction ratios range from 1:1 (1X) up to 2:1 (2X).

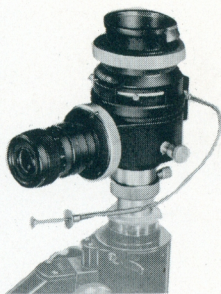
repro copy outfits



Nikon PF Repro Copy Outfits provide a convenient, accurate means of copying with the Nikon F Camera. With the normal 50mm or 58mm lens objects measuring from approximately 8½" x 12¾" and larger can be copied. With the addition of Nikon extension tubes and/or the Nikon Bellows attachment, copies and macro photos of minute objects can be made. The camera bracket may be rotated 90° for wall mounted or vertical standing objects. The PFC outfit comes complete with a wooden carrying case that opens and becomes the working platform. The PFB is identical except that a baseboard working platform is supplied instead of the carrying case.

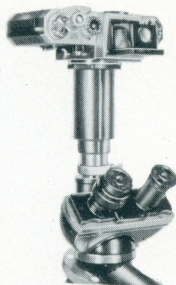
Nikon microflex

A Prism reflex unit for micro-photography that can be fitted to any standard microscope draw tube. A standard cable release operates the built-in synchro shutter (1 to 1/300 second plus T & B) and simultaneously swings the prism out of the optical path. The Microflex can be used with the ocular viewfinder supplied for high power objectives, dark field illumination and phase contrast observation, which provides a brighter field of view and more accurate focusing. A ground glass viewfinder and a 7X magnifier is also provided for careful examination of detail when the Microflex is used with lens power objectives of 10X or less.



Nikon microscope adapter outfit

A low cost kit permitting photo micrographs with any standard microscope. Consists of a microscope-camera adapter tube, a replacement matte focusing screen for the Nikon F and 3 microscope contrast filters. Focus and exposure control are provided by the camera viewing screen and shutter mechanism.



Nikon optical glass filters

Made with the finest optical glass, precision ground and polished to plano-parallel optical flats. One size, 52mm, fits all lenses from 21mm through 135 mm. Filters are available in yellow, green, red-orange, 85C, 82A, skylight, and UV haze, each with case.

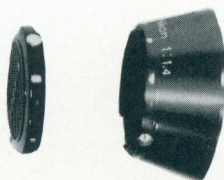


Nikon polarizing filters

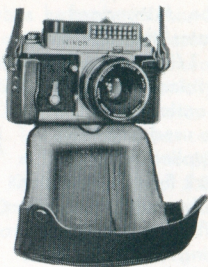
Made of synthetic polarizing material, mounted between polished plano-parallel optical flats. Supplied in a rotating mount, one size 52mm, fits all Auto Nikkors from 28mm to 135mm. Revolving range in 180°. with case.

Nikon snap-on lens hoods and caps

Attach as easily as a "slip-on," securely as a "screw-in" unit, with none of the disadvantages of either. One size lens cap—52mm—fits all lenses from 21mm through 135mm. The lens hoods can be reversed on the lens, for easy carrying.

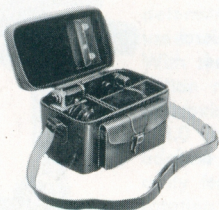


Nikon eveready camera case



Permits the use of camera while in case. Top-grain leather, lined with velveteen.

deluxe compartment cases



Hold complete outfit: Camera, accessory lenses and viewfinders, filters, lens shades, exposure meter, flash unit and spare film. Made of selected top-grain russet-brown cowhide, velveteen lined. Includes an outside compartment, adjustable shoulder strap and non-slip, cushioned shoulder pad.

Additional accessories for the Nikon F include: telescope adapters; macro adapter; correction eyepieces; rear lens caps; body caps; cable releases; connecting cords.



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