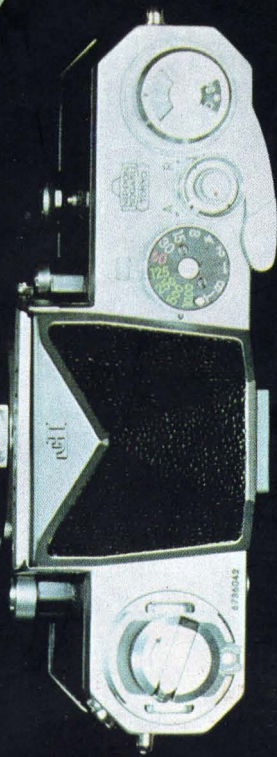


Nikon F



NIKON **an ideal 35mm** **camera**

Nikon, the only and one camera that comes close to the ideal of doing practically every job in 35mm photography. When you buy a Nikon, not only are you buying a camera of extremely high prestige, quality and precision, but a camera of unlimited versatility. The incomparable versatility of Nikon solves the most challenging photographic problems and enables you to fully explore your technical talents in creative photographic work. The fact that Nikon does not change its camera model every year or two is a tribute to the soundness of the instrument's basic design. Nikon is recognized and used as a standard equipment throughout the world by numerous professionals and press photographers, and has been awarded the supreme compliment a professional can pay—acceptance as truly a cameraman's camera.



Nikon F

Do you know that the Nikon F and the new Nikon F Photomic-T use the same camera body and the only difference is the viewfinder? The former uses an eye-level viewfinder while the latter the new Photomic-T viewfinder.



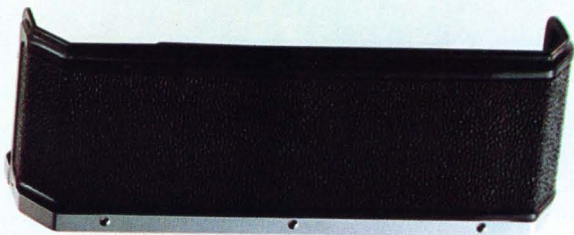
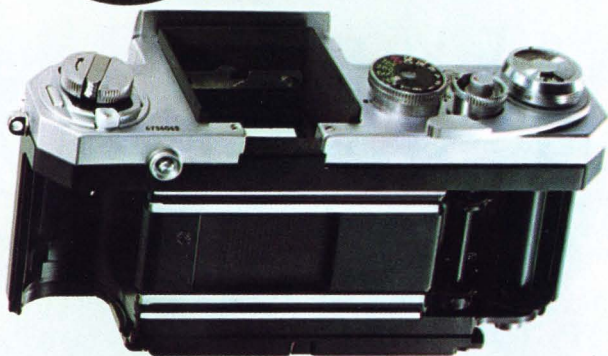
Nikon F Photomic-T

NIKON

a multi-purpose camera

Detach the lens, viewfinder, focusing screen and the back of a Nikon camera, and you will have what is called the main or basic body.

You have about 30 interchangeable Nikkor lenses, 3 viewfinders, 14 interchangeable focusing screens, 2 electric motor drives, copy and close-up equipment, micro- and macro-photography and photo-micrographic attachments, filters, flash units, cases, film cassettes and numerous variety of accessories which can be fitted on the Nikon body. Through different combination of the basic body with the attachable and interchangeable members, you can compose a complete camera system for any photographic requirement. No matter what kind of photography you specialize in, you are capacitated to achieve better results with the Nikon F. The special and automatic features incorporated in the basic body and accessories bring out the outstanding versatility of the camera.



Here's why NIKON is the exacting photographer's choice

■ 100% Picture-Size Viewing

Nikon F is the only camera that takes the exact picture you are looking at through the viewfinder.

■ 3 Interchangeable Viewfinders

Nikon F features an interchangeable finder system. Nikon F is equipped with an eye-level viewfinder as a standard equipment. The Photomic-T viewfinder incorporates an exposure meter cross-coupled to shutter speed and diaphragm aperture. The waist-level viewfinder is for close-ups, photomicrography and reproduction works.

■ 14 Interchangeable Focusing Screens

Nikon has 14 interchangeable focusing screens. Selective use of these screens gives added flexibility for more ease and accuracy in focusing. Each has its own characteristic composition and pattern and offers an advantage in some specific applications.

■ Interchangeable Camera Back

The camera back is completely removable. The Nikon F can be fitted with a motor drive back which converts the Nikon into a sequence camera.

■ Convenient Mirror Control

Mirror can be secured in lock-up position for consecutive photomicrography work or in the continuous burst firing of four frames per second when using the Nikon Motor Drive.



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■ Fully Automatic Diaphragm

The diaphragm closes to "taking" aperture at the instant of exposure and automatically reopens to full aperture. Being always set at full aperture, it offers constant brightness for focusing and composing, and with the Nikon F Photomic-T, metering can also be performed simultaneously.

■ Depth of Field Preview Control

Depth of field can be previewed at "taking" aperture. Pressing the button, diaphragm closes down to the aperture without triggering the shutter release.

■ Ruggedness and Reliability

In every respect, Nikon has been designed and built to stand rugged use. Photographers take it for granted that Nikon assures outstanding accuracy and operates perfectly in all rigorous and specific conditions.





PHOTOMIC-T Viewfinder

It incorporates, in addition to an optical system identical to the one in the eye-level viewfinder, a through-the-lens system exposure meter in a single housing. Different from conventional light meters, this system measures light passing through the taking lens. The same light intensity to be registered on the film plane is measured on the light meter, and measuring of light completely coincides with the picture angles of any taking lens used. This system incorporates 2 sets of condenser lenses which are located in front of the corresponding CdS cells, and aided by the special anti-reflective coating on the pentaprism, virtually eliminates the registering of extraneous light and assures a most accurate meter reading. The Photomic-T meter is designed to take full advantage of the automatic diaphragm action in Nikkor Auto lenses: focusing, composing and light metering are all performed at full aperture. The diaphragm does not have to be stopped down to measure actual readings. It closes down to preselected "taking" aperture only at the instant of exposure and automatically returns to full aperture. The Photomic-T meter is cross-coupled to both aperture and shutter speed which can be pre-set in either order.



NIKON Electric Motor Drives

Nikon is the first and only 35mm SLR camera designed to operate with a motor drive. The Nikon Motor Drive converts the Nikon into an automatically operated camera. The Motor Drive takes single shots, fires in short continuous bursts, or runs off the entire film load at up to four frames per second. The Nikon Motor Drive has become so popular for action photography that it is now a common outfit for photographers of professional calibre. It actually enables photographers to take consecutive action pictures that can be momentarily stopped up to the high-speed of 1/1000 sec. maximum. Inevitable for sports events, industrial and commercial applications, time-lapse and time-and-motion studies. It is also one of the most effective techniques for shooting in dangerous and inaccessible areas. The motor back is interchangeable with the regular camera back. The Motor Drive comes in either the 36-exposure or 250-exposure model. The new compact Cordless Battery Power Pack attaches to the base of the F 36 Nikon Motor Drive back.





NIKKOR interchangeable lenses

Widest Variety Offers Unmatching Versatility

The lens is the most important component of a camera. The number of lenses a camera accepts determines, to a great extent, its versatility. Nikon has the widest variety of lenses which are regarded as the finest high-speed and high-resolution lenses available and meets the most critical demands of professional photography. In both respects, Nikon is recognized as the world leader.



The range of focal length available for the Nikon F extends from 8mm to 1200mm and about 30 lenses are available. They cover normal (50mm f/1.4 or 50mm f/2 will be supplied as standard equipment), wideangle, telephoto, zoom and special effects lenses. The special effects lenses have extraordinary applications such as 180° picture angle (Fish-eye-Nikkor), or shifting of optical axis (PC-Nikkor, extremely useful in architectural photography). They greatly contribute to the incomparable versatility of the Nikon F as a system camera.

NIKON makes close-up photography enjoyable

The Nikon system has a comprehensive range of equipment for use in microphotography, macro-photography and photomicrography. Nikon close-up lenses and attachments encompass the broadest effective range of magnification and reduction.

Special and unique close-up lenses

55mm f/3.5 Micro-Nikkor Auto . . . Ideally suited for close-up and micro-copy work as well as general photography providing highest resolution possible.

200mm f/5.6 Medical-Nikkor Auto . . . Excellent for surgical, dental and lab photography. Features a versatile micro- and macro-reproduction system, built-in viewing light and electronic ring flash.

Substantial attachments and accessories to simplify and enjoy close-up photography are available.

■ Close-up Attachment Lenses . . . Attach to the front of Nikkor lenses. Its utilization does not deprive you of the automatic diaphragm action and does not require exposure compensation.

■ Bellows Focusing Attachment • BR-2 Macro Adapter Ring • Slide Copying Adapter • BR-3 Adapter Ring

■ 135mm f/4 Nikkor (Short Mount) . . . Exclusively designed for use with Bellows. Produces continuous reproduction from infinity to life size.

■ Extension Ring Set K • Extension Ring E2 • Microflex EFMF—Prism Reflex Microscope Attachment • Repro-Copy Outfit Model PF



P. Korhonen

Nikon supplies other accessories such as: filters, hoods, flash units, compartment cases, eveready carrying cases, etc., which greatly enrich the capabilities of the Nikon F.

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