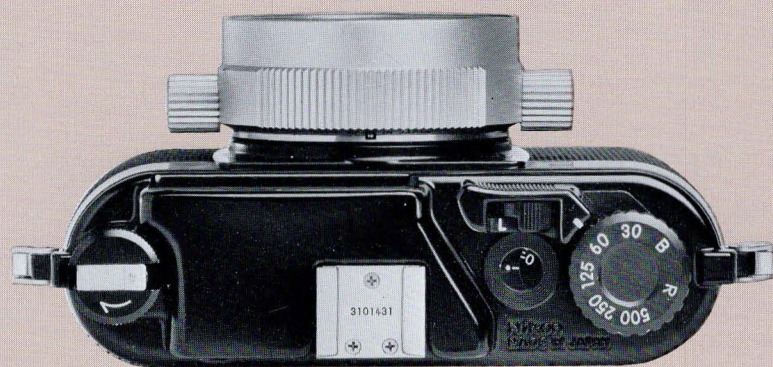


Nikonos

Nikonos III



For Underwater and All-Weather Photography.

This unique Nikon camera operates reliably underwater, at depths to 160 feet, as well as in rain, snow, sleet, dust, or virtually any environment—all without any auxiliary housing. Already the standard, universal tool in marine and oceanographic research, the Nikonos also provides an easy-to-use, versatile 35mm system to photographers in a seemingly endless array of specialized applications: diving, boating, skiing, news industrial (due to its seal against chemical sprays and dust), and operating rooms and laboratories (it can be cold-sterilized with complete safety), to name only some of the most prominent fields.

Quick, comfortable handling is the hallmark of the Nikonos III. Its compact, light-weight, yet incredibly rugged construction provides the 'negative buoyancy' so helpful in underwater operation. All major controls are uniquely large and both located and shaped for smooth, fast operation. Its system of four bayonet-mount Nikkor lenses includes two specially computed for underwater photography—another of the many Nikon 'firsts' in 35mm optics. For wide-ranging versatility, the Nikonos III accepts an entire sub-system of precision aids for close-up photography, flash, exposure metering, and filtration to assure consistently excellent results under the most challenging conditions.

Dual-Body Construction

Reinforced outer body sealed with 'O' rings is waterproof to 160 ft. (50m); inner body contains shutter/film transport mechanisms. Inner and outer parts are corrosion-resistant. Entire unit weighs just 21.9 ounces.

Interchangeable Nikkor Lenses

Outstanding picture quality. 35mm f2.5 IC and 80mm f4 IC for use both under and above water; 15mm f2.8 and 28mm f3.5 wide-angle lenses specially corrected for underwater use only. Bayonet lensmount constructed of stainless steel.

Metal Focal Plane Shutter

Speeds 1/30th—1/500th sec. plus "B" Large, top-mounted shutter-speed dial is color-coded for fast, easy settings.

Full Flash Capability

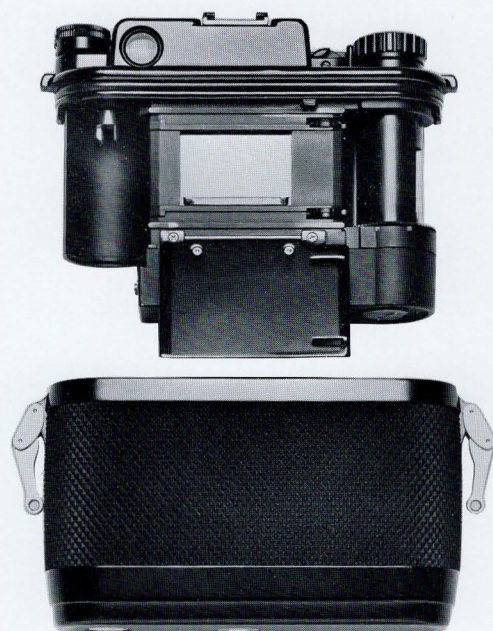
Waterproof synch socket accepts Nikonos III flash unit; accessory adapter converts to PC fitting for land use with standard flash units. "FP" synch 1/60—1/500th second 'X' synch to 1/60th.

Single-Lever Operation

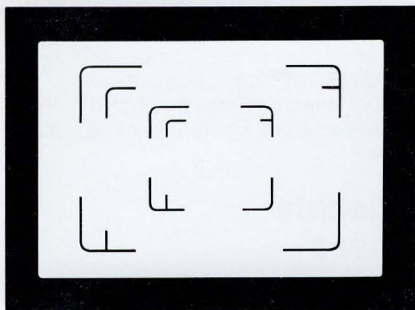
Unique multi-function lever serves as shutter release, advances film, and counts exposures in fast 73° action, then snaps back to cock shutter for next exposure. Incorporates shutter-lock and incomplete-cocking prevention mechanism.

Film Loading/Transport

Dual-slotted take-up spool and auto-reset exposure counter speed loading; locking pressure plate and sprocket film drive assure accurate spacing and registration. Top-mounted exposure counter contains unique signal dot which rotates as film is wound or rewound, stops when film has been fully rewound or if camera incorrectly loaded. Extra-large knob with fold-out crank for rapid rewinding.



Nikonos III



Bright-Frame Viewfinder

Luminous frameline denote fields of 35mm and 80mm lenses; parallax-correction marks for accurate close-range operation. Top-mounted accessory shoe accepts finders for other lenses.

Other Features

Automatic depth-of-field indicators on all four Nikkor lenses; oversize aperture and focusing knobs (color-coded caps supplied for quick identification); stainless-steel tripod socket; hinged neckstrap lugs double as camera opening controls; supplied with screw-on cover for flash outlet; black body clad with textured vinyl for secure grip.

Nikonos III Camera, less lens, Product No. 10050.

Nikonos III Technical Specifications

Camera Type: 35mm underwater and all-weather camera.

Lensmount: Stainless-steel; accepts Nikonos/Nikkor lenses 15mm, 28mm, 35mm and 80mm.

Shutter: Metal vertical-travel, focal-plane, speeds "B" 1/30th, 1/60th, 1/125th, 1/250th, & 1/500th second release lock prevents accidental shutter operation.

Flash Contact: Built-in waterproof socket for Nikonos-III 3-prong flash cord; supplied with screw-in cover for non-flash operation. Accepts accessory adapter for flash photography with PC-type units out of water.

Flash Synchronization "X" synch, B, 1/30th, 1/60th second; "FP" synch, 1/60th—1/500th second; "M" synch, 1/30th second.

Viewfinder: Telescopic type with luminous framelines and parallax correction marks for use with 35mm and 80mm lenses out of water — 0.5 diopter eyepiece.

Film Loading Dual-slotted take-up spool and locking pressure plate; top-mounted exposure counter automatically resets in unloading, contains signal dot that confirms correct loading and end of rewind cycle.

Film Transport: Single lever advances film and exposure counter when pulled towards camera; further movement releases shutter. Lever returns to "ready" position, simultaneously cocking shutter for subsequent exposure. Automatic mechanism prevents incomplete shutter cocking.

Film Rewind: "R" position on shutter-speed dial; oversized rewind knob with fold-out crank.

Other Features: Automatic depth-of-field indicators on all four Nikkor lenses; stainless steel tripod socket; hinged neckstrap lugs double as back-opening mechanism; accessory shoe and wide accessory capability.

Dimensions: Camera body 5.7" x 3.9" x 1.9" (144mm x 99mm x 47mm).

Weight: Camera body 21.9 oz. (620g).

All specifications subject to change without notice.

Nikkor Lenses for Nikonos

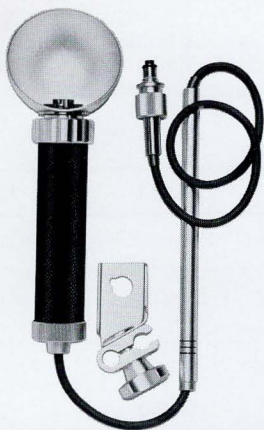


Built to highest Nikon standards of optical and mechanical quality. Fitted in special mounts, waterproof and pressure-proof to depth of 160 feet. Hermetically sealed behind protective optical glass plate; automatic depth-of-field indication.

Product No.	10308	10305	10311	10312
Focal Length	15mm	28mm	35mm IC	80mm IC
Aperture Range	f2.8-f22	f3.5-f22	f2.5-f22	f4.0-f22
Angle of View				
Underwater	94°	59°	46°30'	22°
Out of Water			62°	30°20'
No. of Elements/Groups	9/5	6/5	6/4	4/4
Minimum Focus from Film Plane	12.0" (0.3m)	24.0" (0.6m)	31.5" (0.8m)	39.4" (1.0m)
Filter Size	84mm	52mm*	52mm*	52mm*
Dimensions	3.5x3.1" (90x79.5mm)	2.4x1.7" (62x43.8mm)	2.4x1.6" (62x39.7mm)	2.4x2.6" (62x66mm)
Weight	12.0 oz. 340 g	6.2 oz. 175 g	5.6 oz. 160 g	9.7 oz. 275 g
Application	For underwater use exclusively requires accessory optical viewfinder. (Product No. 10754)	For underwater use exclusively requires accessory frame viewfinder (Product No. 10751)	For use under or out of water. Underwater requires accessory frame finder. (Product No. 10753)	For use under or out of water. Underwater requires accessory frame finder (Product No. 10753)

*Accessory Lens Hood (Product No. 10625) required to fit 52mm filter to lens.

Nikonos Accessories



Underwater Flash Unit P

Completely waterproof; dependable battery-capacitor operation. Accepts No. 6 or 26 focal-plane flashbulbs or AG-1 bulbs with accessory adapter. Vinyl-clad synch cord with molded top for Nikonos III flash outlet. Requires regular 22.5v battery (Eveready #412 or equivalent). Product No. 10728. Model for Nikonos II (exclusively), Product No. 10726.

Flash Adapter

Permits use of Nikon BC-7 flash unit or SB-3 electronic flash unit out of water with Nikonos III. Product No. 10724. Model for Nikonos II, Product No. 10725.



Screw-In Lens Hood/Filter Holder

For 28mm, 35mm, and 80mm lenses. Shields lens from extraneous light; required for attaching Nikon 52mm filters to lenses. Product No. 10625.



Rubber Lens Hood/Protector

For 28mm or 35mm lens. Gives valuable protection, shields lens from extraneous light. Not for use with filters. Product No. 10626.



Plastic Lens Protector

Screws into Nikkor 28mm f3.5, 35mm f2.5, or 80mm f4 lens for added safety and protection. Does not serve as filter holder. Product No. 10620.



Close-up Outfit

Simplifies close-up photography under and out of water. Comprises coated auxiliary close-up lens, field frames for use with 28mm, 35mm and 80mm lenses and 3 field frame holders plus flash unit holder. With outfit attached to Nikonos camera, simply place field frame matching lens in use over subject, focus camera lens at infinity and you're sure of accurate focus and composition. May be used with any Nikonos model. Complete with leather case. Product No. 10717

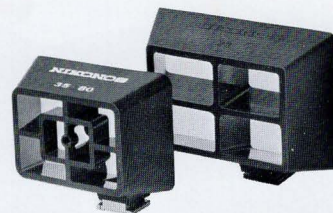
Nikonos Close-Up Outfit Technical Data

Nikkor Lens		Under-water	Out-of-water
28mm	Field Size	5.7x8.5"	
	Mag Ratio	1:6	
35mm	Field Size	4.3x6.4"	6.1x9.1"
	Mag Ratio	1:4.5	1:6.5
80mm	Field Size	2.1x3.1"	2.8x4.2"
	Mag Ratio	1:2.2	1:3



Underwater Exposure Meter

Sekonic Auto-Lumi L-86 exposure meter and waterproof housing. Meter ranges: ASA 6—12000, f1-f32, 8 seconds—1/2000th second. With nylon cord. Product No. 10721



Open-Frame Viewfinders

For underwater use; permit accurate composition with eye away from eyepiece. For 28mm f3.5, Product No. 10751, combination finder for 35mm f2.5 and 80mm f4, Product No. 10753.



Optical Viewfinders

With mounting bracket. For 15mm f2.8 lens, Product No. 10754; for 80mm f4 lens, Product No. 10752.



Leather Lens Cases

Hard, durable lens cases with soft lining; supplied with carrying straps. For 28mm f3.5 or 35mm f2.5, Product No. 10416; for 80mm f4, Product No. 10417; for 35mm f2.5 IC, Product No. 10418.



Soft Leather Camera Case

Zippered pouch case for Nikonos III with 28mm or 35mm lens. Specially-treated to resist fungus and moisture. With neckstrap. Product No. 10414.

All specifications subject to change without notice.