

DIGITAL DIVE LOG

DDL 1000 DIGITAL DIVE LOG

Ikelite's DIGITAL DIVE LOG is the ultimate waterproof dive timer and watch. This small microcomputer automatically numbers and records each dive and surface interval. Dives and surface intervals are numbered 1 thru 99 and the last 8 are stored in the DDL 1000's memory bank for later recall. At a depth of 4-7 feet the water pressure activates the DDL's dive time mode; the large display shows the number of the current dive and the amount of time underwater. Upon returning to the surface, the DDL's microcomputer automatically records the total bottom time in memory and then displays the number of the current surface interval and the surface interval time. The DDL's memory bank stores the last 8 dives and surface intervals allowing you to scroll back through them at any time. Should any surface interval be less than 10 minutes, the new bottom time is added to the previous bottom time as specified by the Navy Dive Tables. Underwater, the mode button can be depressed to read the time of day, use the stop watch feature, or scroll back through your previous

The watch features of the DIGITAL DIVE LOG include time of day, day of week, numeric month and date, alarm and stop watch. The alarm is not very loud because of the diaphram back. The stop watch mode features start, stop, restart, and reset.

bottom times and surface intervals.

Incorporating a 2-year lithium battery, the DIGITAL DIVE LOG is encased in a stainless steel housing the size of other dive watches, with a matching stainless band. It is factory sealed and guaranteed water resistant to a depth of 330' (100m).

Slip the DDL 1000 on your wrist and wear the new breed of DIGITAL DIVE LOGS.



DIVE TIMER DISPLAY:

- * BOTTOM TIME
- * SURFACE INTERVAL
- * DIVE NUMBER
- * 8 PREVIOUS BOTTOM TIMES
- * 8 PREVIOUS SURFACE TIMES

WATCH DISPLAY:

- * TIME OF DAY
- * DAY OF WEEK
- * NUMERIC MONTH & DAY
- * STOP WATCH
- * ALARM
- * BACK-LIGHTED DISPLAY



TIME OF DAY



STOP WATCH



BOTTOM TIME



SURFACE INTERVAL



MEMORY RECALL

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IKELITE PRODUCTS ARE AVAILABLE THRU MOST SPECIALTY DIVE SHOPS AND SELECTED PHOTO STORES.

Prices and specifications are subject to change without notice.

PRO-S COMPASS

#2600	Wrist-console mount	.\$39.95
#2602	Hose mount	.\$44.95

Ikelite's PRO-S COMPASS is the fastest and most precise reading of the deluxe diving compasses. Our compact design provides instant direct reading of a course in both the side and top windows without aligning bezels or markings. For course comparison, simply rotate the knurled ring to set the Desired Course Indicators simultaneously in both the side and top windows. Most other designs do not display the course comparison in the side window.



For easy reading, degree markings are positioned extremely close to the compass element in 5° increments. The luminous compass element is precision jeweled for the utmost accuracy. Our PRO-S COMPASS is the finest design in a side reading compass. Both wrist strap and console mount for Pennform console provided. Or select the new model with hose mount.

PRO COMPASS

#2500	Wrist mount\$27.95
#2501	Console mount \$26.95
#2502	Hose mount

Ikelite introduced the rotating bezel concept for course comparison to the diving industry in 1964. The proven design of the PRO COMPASS incorporates a low profile movable bezel allowing maximum viewing of the North indicator while permitting easy gripping. Our PRO COMPASS is marked in 5° increments and eliminates corrosion and sticking bezel problems common with many other compasses.

The precision jeweled North indicator provides very fast and precise movement. The North indicator, 30° markings, and the bezel markings are luminescent. Ikelite PRO COMPASS is available in wrist mount, console mount, and hose mount models.

BALL COMPASS

#2400 Wrist mount \$14.95

The inexpensively priced BALL COMPASS places the compass in your line of sight. This side reading feature is commonly found only on high priced compasses. The easy-to-read floating ball allows smooth and accurate operation in any position. The rubber case makes it practically indestructible.



HOSE MOUNT

UNIQUE NEW MOUNTING SYSTEM provides easy installation of the Ikelite PRO or PRO-S COMPASS to any pressure gauge hose. With the compass in this location, it offers immediate access to the instrument without adding additional length and bulk to a console. Simply unscrew the bottom cap of the mount, place the mount over the pressure gauge hose, and secure with the bottom cap. The compass North indicator can be positioned to run parallel or perpendicular to the hose.

Compass HOSE MOUNT is available complete with the compass of your choice, or as a mount only to convert any Ikelite Pro or Pro-S Compass to the Hose Mount model.

HOSE MOUNT KIT

#2562.															\$5	. 5)5	5

Converts the Ikelite PRO COMPASS or PRO-S COMPASS to the Hose Mount.



Hose mount



Console mount







Proven design of the IKELITE II continues for 1986 with ADDED INTENSITY. Ikelite combines its new mirror finish parabolic reflector with the KRYPTON bulb to dramatically increase the intensity of the non-rechargeable IKELITE II.

The IKELITE II has established a reputation for durability and dependability. The outer casing is guaranteed unbreakable.

Our orange screw-on cap is self-locking to prevent the cap from loosening underwater. This design also eliminates the sticking problem that makes many other lights difficult to open.

Featuring our convenient one hand on/off switch with switch lock, the IKELITE II utilizes the economical lantern style battery. Our design allows the battery to be installed and the light sealed in seconds. The IKELITE II is watertight to 300' (90m).

You can't beat the IKELITE II for features and price.

#1011	White												.\$34.95
#1021	Clear.												.\$34.95
#1031	Black								•				.\$34.95

NEW Krypton bulb and mirror finish reflector dramatically increase the light intensity. The IKELITE II utilizes a 6-volt lantern battery (not supplied) to provide over four continuous hours of light with the Krypton bulb. IKELITE II can easily be converted to a rechargeable light with the optional IKELITE II CONVERSION KIT.

IKELITE II RECHARGEABLE

#1025	Clear													. 5	89	9.9	95	THE STATE OF
#1035	Black		4											. \$	89	9.9	95	

A very bright rechargeable light at a modest price. IKELITE II RECHARGEABLE utilizes a 6.4-volt gel-cell battery powerful enough to be used with our halogen seal beam lamp. The battery and bulb combination produces three times the intensity of the Ikelite II, and the intensity is comparable to our C-Lite II. The IKELITE II RECHARGEABLE operates for two hours per charge. Gel-cell battery, 120-volt 15-hour charger, and halogen lamp are included.



BULB & REFLECTOR

Krypton bulb and mirror finish parabolic reflector. Replaces the sealed beam lamp in our previous model non-rechargeable IKELITE II.



Converts the IKELITE II into a rechargeable light. Kit includes gel-cell battery, charger, and halogen lamp.



C-LITE I

#1040 Black.....\$44.95

NEW HALOGEN BULB and mirror finish parabolic reflector allow the C-LITE I to produce the same light intensity as the Modular H. C-LITE I utilizes six C-cell alkaline or rechargeable batteries (not supplied).

For best performance, we recommend using Duracell alkaline batteries.

C-LITE II

#1050 Black\$129.95

One of the brightest rechargeable lights in the diving industry and the lightest weight in its class.

C-LITE II comes complete with ni-cad battery pack, 120/240-volt 15 hour charger, and halogen seal beam lamp. Our ni-cad pack offers considerably more amperage than available consumer ni-cads. The lite operates for 1.5 hours per charge.

BULB & REFLECTOR

NEW

Halogen bulb and mirror finish parabolic reflector. Replaces the seal beam lamp in our previous model C-LITE I.

C-LITE 12-VOLT CHARGER

#1052\$14.95

Charges the C-LITE II from a 12-volt cigarette lighter receptacle in 15-hours.

C-LITE HOLSTER

Rubber holster for carrying the C-LITE. Holster can be secured to you or your equipment or slipped through most 2" wide belts.

MINI C

MINI C-MARK

#1064	Yellow \$64.95
#1064.9	Module Only\$54.95

The MINI C-MARK is a signal type blinking strobe specifically designed for night and limited visibility applications as an ideal location marker or emergency beacon. It emits brilliant flashes of light visible for several miles at the surface. Intensity is brighter than most and twice as bright as some units on the market. The MINI C-MARK is available as a complete unit or as an ado-on module for the Mini C-Lite. It operates on two c-cell alkaline or rechargeable batteries (not supplied) and has an adjustable flash rate.

The MINI C-MARK can be secured to an anchor line, clipped to you or your equipment, or slipped into the optional #1055 MINI-C HOLSTER: The unit can also be converted into a light with the optional MINI C-LITE MODULE. The unit is guaranteed to 300' (90m) and floats flasher up.



MINI-C HOLSTER

#1055								2								5	9.	9	5	

Rubber holster for carrying the MINI C-MARK or MINI C-LITE.



MINI C-LITE MODULE

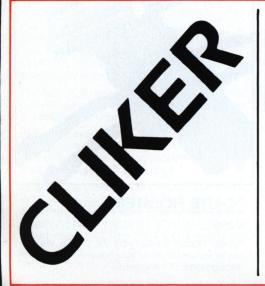
#1063.9	with	Krypton	Bulb.	 			511	.95	
#1073.9									

Converts the MINI C-MARK into a light providing all the MINI C-LITE features listed on page 7.



THE FLASHER

CLIKER



CLIKER

#2001	Black														\$6.95	,
#2002	Yellov	v													\$6.95	,

Exciting new idea to get the attention of other divers underwater. Complete with mount to attach to B.C. or hose.

To be introduced mid-summer of '86.



MINI C-LITE

The Halogen bulb MINI C-LITE remains unsurpassed for intensity and versatility. Our hiintensity Halogen lamp is the superior choice compared to Krypton, Argon, or Xenon alternatives.

Fitted with our precision reflector, the small MINI C-LITE produces main lighting intensity for all situations. The MINI C-LITE operates on four "C" size alkaline or rechargeable batteries. Lights powered by "A" or less than four "C" size batteries simply can NOT provide the intensity or battery life of a MINI C-LITE.

The MINI C-LITE features a unique rotating switch offering easy one hand on/off control that also folds to prevent accidental operation. Utilizing a virtually indestructible outer casing, the MINI C-LITE is guaranteed to 300' (90m). The 6" long size is convenient to hand carry or secure with the standard belt clip. Extend it's versatility with our optional HOLSTER or strobe aiming LITE BRACKET. Convert the lite into a signal type blinking strobe with the optional MINI C-MARK MODULE.

MINI C-LITE H

#1070	Black											.\$27.95
#1071	Clear											.\$27.95
#1072	Orange											.\$27.95
	Yellow .											

The Halogen bulb model provides twice the intensity of standard PR-13 bulbs. Alkaline batteries (not included) will provide over four continuous hours of light output.

MINI C-LITE HR

#1065	Black												.\$74.95
#1066	Clear												.\$74.95
#1067	Orange	6											.\$74.95
#1068	Yellow .												.574.95

The rechargeable version includes Halogen bulb, industrial grade ni-cads, 120-volt 16-hour charger. Our ni-cads provide over two continuous hours of light per charge.



MINI C-LITE K

#1060	Black											.\$21.95
#1061	Clear											.\$21.95
#1062	Orange											.\$21.95
#1063	Yellow .											.\$21.95

The Krypton bulb model provides increased intensity over PR-13 bulbs. Alkaline batteries (not included) provide over five continuous hours of

Duracell alkaline batteries.



MINI C-HOLSTER

																	08	82	80
#1()55															2	9.	.9	5

Rubber holster for carrying the MINI C-LITE or MINI C-MARK.



MINI C-MARK MODULE

Converts the MINI C-LITE into a signal type blinking strobe providing all the MINI C-MARK features on page 6.

LITE BRACKET

#4073.....\$4.95

The LITE BRACKET permits the Mini C-Lite to be used as an aiming/modeling light for the Substrobe M Series.



MODULAR LITE

Ikelite adds a NEW TWIST to the MODULAR LITE!

NEW MODULAR LITE seals with a simple twist of the wrist.

New orange ring design is self-locking to prevent the cap from loosening underwater. In addition, lkelite minimizes the friction and sticking problems common to many lights because our o-ring does not seal directly against the orange screw-on cap. The MODULAR LITE remains the ultimate for intensity – other lights are blinded by it. The SUPER-LITE is unequalled in intensity while the NEW MODULAR H now features a HALOGEN BULB combined with a specially designed mirror finish parabolic reflector.

The MODULAR LITE SYSTEM utilizes one body style with an on/off/on switch and switch lock. Two different handles plus a mounting bracket are available and interchangeable. Ni-cad and alkaline battery modules are interchangeable. Add the cinema bulb to the ni-cad module for Video or Movie lighting. Three battery chargers are available. MODULAR LITES are waterproof to 300' (90m).

MODULAR H-LITE

#1081 Black, pistol grip	\$59.95
#1081.1 Black, under handle	
#1091 Clear, pistol grip	\$59.95
#1091.1 Clear, under handle	

New for 1986, the MODULAR H-LITE features our mirror finish parabolic reflector specifically designed for the Halogen bulb. The MODULAR H-LITE combines the benefits of disposable batteries with the intensity of most rechargeable lights.

The light uses six D-cell batteries (not supplied), alkaline or rechargeable. Can easily be converted to the SUPER-LITE or VIDEO-LITE by purchasing the ni-cad module and proper bulb.

MODULAR SUPER-LITE

#1085 Black w/Pistol Grip	\$239.95
#1085.1 Black w/Under Handle	
#1095 Clear w/Pistol Grip	\$239.95
#1095.1 Clear w/Under Handle	

Unquestionably the world's brightest hand-held diving light. Ikelite SUPER-LITE features the GE4308 dual filament lamp and our powerful ni-cad battery module. The ni-cad module will run for 1 hour with the spot beam or almost 2 hours with the flood beam. Dual-filament lamp is also an added safety feature against bulb failure.

Consisting of seven 4AH D-cells, the ni-cad battery module is considerably more powerful than consumer ni-cads. Additional ni-cad battery modules are available to replace an exhausted module in seconds. The charger is NOT included with the SUPER-LITE because of the multiple choices listed below.

MODULAR VIDEO-LITE

#1089 Black\$249.95

The VIDEO-LITE adds the important dimension of color to all formats of video and movie footage. The ni-cad battery module supplies constant voltage to the 3400° K cinema lamp for about 12 to 14 minutes of filming before recharging or changing the ni-cad module.

A bracket and 6" stainless bar are included for mounting the VIDEO-LITE. Or select the optional #4085 Mounting Arm for added flexibility. The charger is NOT included because of the multiple choices listed below.

VIDEO-LITE MOUNTING ARM

#4085.....\$29.95

Provides added flexibility for the VIDEO-LITE. Utilizes an adjustable 18" arm to allow positioning of the lite in any direction. Can be mounted to any of the Ikelite Video Systems.

BULB & REFLECTOR

#9050.1 \$15.00

Krypton bulb and mirror finish parabolic reflector. Replaces the sealed beam lamp in our previous model non-rechargeable IKELITE II.

VIDEO CONVERSION KIT

Converts the SUPER-LITE into the VIDEO-LITE. Kit includes the 3400° K cinema lamp, mounting bracket and 6" stainless bar. The cinema bulb can only be powered by the ni-cad module. Add the #4085 Mounting Arm for flexibility.

NI-CAD BATTERY MODULE

Interchangeable on all Modular Lites. Consisting of seven 4AH D-cells, the ni-cad module is considerably more powerful than consumer nicads. Ni-cad module must be used with GE4308 dual-filament and cinema lamps.

MODULAR LITE CHARGERS

These chargers will operate with the Super-Lite, Video-Lite, and Substrobe 150 and 225. Chargers are not included because of the multiple choices.

#4052 \$39.95 120-volt 4 hour quick charger.

QUICK CHARGER

MODULAR CHARGER #1083\$24.95

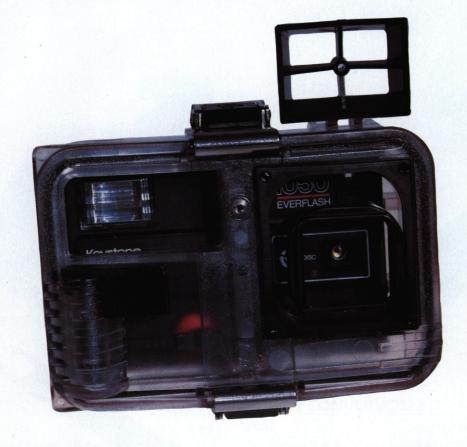
120/240-volt 15 hour standard charger.

12-volt 15 hour cigarette lighter charger.





UNDERWATER PHOTOGRAPHY WAS NEVER SO SIMPLE



SIMPLICITY

With the disc cameras, you do not have to be an experienced photographer to get great results. Disc cameras have advanced microcomputer technology, a unique film, and decision-free features letting you take pictures that you may never have thought possible. When you decide to take a picture, simply push one button. The camera selects the proper exposure, takes the picture, and advances the film.

EXCELLENT PHOTOGRAPHS

The disc cameras have surprised everyone with excellent underwater photographs. The high speed film means you get sharp, clear pictures even in low light conditions. With the film's fine grain, you can get beautiful color prints and 5x7 or 8x10 inch enlargements.



DISC-CASE

The Ikelite DISC-CASE features an optical grade plexi front and a snap-on glass water correcting lens allowing the camera to focus underwater as close as 2 feet. The result is sharper, more colorful photographs. The water correcting lens easily snaps out for distance shots, above water use, and cleaning. To photograph small subjects as close as 8 inches, add the optional DISC CLOSE-UP assembly.

Our textured case, lanyard loop, built-in hand grip, and finger tip shutter release are ideal for easy operation. The SPORTSFINDER II is included and mounts to the top accessory shoe for easy and fast framing of the subject. A second accessory shoe is provided on the side of the case for the optional SUBSTROBE S. Ikelite DISC-CASE has a 100' (30m) working depth.



ACTUAL DISC PHOTOS

DISC-CASE

#5240	Kodak 2000, 3000,
	3100, 4000
#5265	Minolta Disc 5
#5267	Minolta Disc 7\$69.99
#5275	Ansco HR 50\$69.99
#5289	Keystone 1050\$74.9

NOTE: Because the #5267 Disc-Case for the Minolta 7 features a machined plexi front instead of the contoured front, the SUBSTROBE S cannot be added.

DISC-CASE PACKAGE

#E270	\V/ieh	Ancco	camera					C1	10	0	0	-
#52/0	with /	4U2CO	Camera	 				. 21	U	7.	7	J

NEW

ANSCO 350 DISC CAMERA:

- Motor Drive Film Advance
- Built-in Electronic Flash

DISC-CASE with:

- Water Correcting Lens
- Sportsfinder II

DISC-CASE PACKAGE

#5290 With Keystone camera\$109.95

TOTALE 1050 DISC CAMEDA

- KEYSTONE 1050 DISC CAMERA:
 Motor Drive Film Advance
- · Built-in Electronic Flash
- Close-up Lens (above water use)

DISC-CASE with:

- Water Correcting Lens
- Sportsfinder II

CLOTH COVER

#5005.1\$4.95

Elastic edged cloth cover helps protect the front of the DISC-CASE from scratches.



DISC-CASE



DISC CLOSE-UP

Now the disc camera can produce sharp, colorful, close-up photographs like those seen in underwater publications. The DISC CLOSE-UP attachment allows the disc camera to photograph small underwater subjects as close as 8 inches.

The attachment incorporates a glass close-up lens, flash diffuser, and metal framer. CLOSE-UP attachment fastens over the contour front of the DISC-CASE. The framer aids in focusing and framing the subject and is removable for packing. The camera's built-in flash illuminates the subject for sharp, colorful close-up photographs.

(Note: CLOSE-UP cannot be used with #5267 Disc-Case because housing does not have a contour front.)



PHOTO TRAVEL BAG

Ikelite's PHOTO TRAVEL BAG is ideal for storing and transporting your Disc, Hanimex, or Sea & Sea photo gear. The bag is constructed of durable nylon, with shoulder strap and easy-opening zipper. Interior has protective foam with diecut openings for the Camera/Case, Close-up attachment with framer, Substrobe S and Arm. You can even store extra film inside.

DISC U/W PHOTO BOOK

"Disc Underwater Photography" by Gale Livers is an easy to follow "how to" book covering all aspects of using disc cameras and the Ikelite Disc-Case underwater.



ACTUAL DISC PHOTOS

DISC PHOTO BAG PACKAGES

#3938.1 Specify Camera.....\$169.95

Includes: Choice of Ansco or Keystone camera Disc-Case with Sportsfinder II

Water Correcting Lens Disc Close-up Assembly

Photo Gear Bag at \$10 savings with protective foam

#3938.2 Specify Camera \$279.95

Includes: Choice of Ansco or Keystone camera

Disc-Case with Sportsfinder II Water Correcting Lens Disc Close-up Assembly

Substrobe S with arm & deflector FREE PHOTO GEAR BAG

with protective foam

NOTE: Because the #5267 Disc-Case for the Minolta Disc-7 features a machined plexi front instead of the contoured front, neither the DISC CLOSE-UP attachment nor the SUBSTROBE S can be added.

SUBSTROBE S

Cameras with built-in flash tend to light up the suspended particles in the water, creating backscatter in your photographs. Our SUBSTROBE S is an auxiliary slave strobe mounted away from the camera lens to help eliminate backscatter problems. Provides 400 flashes with 4AA batteries (not supplied). Flash deflector, arm, and mounting hardware included.

NI-CADS & CHARGER

Industrial AA ni-cads and 15-hr charger. Provides 3-sec. recycle time and 260 flashes per charge.





TRIMCASE



and dependability. Its small size and light weight make it ideal for boating, surfing, skiing, or diving. The TRIMCASE has a working depth of 150' (45m).

The TRIMCASE offers controls for film advance. shutter release, focus, and flash on/off as required. The handle incorporates an underwater flash cube connection for cameras without built-in flash. An accessory shoe is provided for adding an optional finder (page 26) or the Substrobe S.

TRIMCASE

#5371	Minolta 430E, 440E, 450E	.\$59.95
#5371.	1 Minolta 460T, 460TX	.\$59.95
#5421	Kodak Ektralite 10	.\$59.95
#5476	Vivitar 600,602,604	.\$59.95
	Vivitar 800, 805, 810 Tele-815, Tele-820	.\$59.95
	Vivitar 830AW, 840AW, Tele-835AW, Tele-845AW	.\$59.95
#5489	Keystone 310M	.\$59.95

NOTE: Cameras unable to focus closer than five feet require our WATER CORRECTING LENS to obtain quality underwater photographs.

WATER CORRECTING LENS

The WATER CORRECTING LENS allows subjects to be photographed between 2 and 5 feet. This is the ideal distance for underwater photographs because it reduces the amount of water between the camera and subject resulting in sharp, more colorful photographs. The WATER CORRECTING LENS snaps on the exterior of the Trimcase. The glass lens slides in a track and can be slid aside for subjects farther than five feet.

110 U/W PHOTO BOOK

#3110 \$6.95

"Underwater Photography for 110 Pocket Cameras" by Gale Livers is an easy to follow "how to" book covering all aspects of using 110 cameras and the Ikelite Trimcase underwater. With this book you will get the results you want from your first photographic plunge.

TRIMCASE PACKAGE

..... \$129.95

Vivitar Tele 845 AW camera with:

- Telephoto
- Built-in Electronic Flash
- Motor Drive Film Advance

Trimcase with:

- * Water Correcting Lens
- Sportsfinder I

SUBSTROBE S

Cameras with built-in flash tend to light up the suspended particles in the water, creating backscatter in your photographs. Our SUBSTROBE S is an auxiliary slave strobe mounted away from the camera lens to help eliminate backscatter problems. Provides 400 flashes with 4AA batteries (not supplied). Flash deflector, arm, and mounting hardware included. WATER CORRECTING LENS is required to attach the flash deflector.

SUBSTROBE S

Cameras with built-in flash tend to light up the suspended particles in the water, creating backscatter in your photographs. Blocking the camera's flash and using an auxiliary strobe mounted away from the camera lens helps eliminate backscatter problems even in low visibility waters.

Ikelite's SUBSTROBE S includes the proper arm and mounting hardware for the camera. The strobe uses four AA batteries. Alkalines provide over 400 flashes with quick recycle times.

SUBSTROBE S

#4038.7 Slave strobe\$129.95

For Hanimex and Sea & Sea 110 and 35mm cameras. Functions as a slave strobe, no cords or electrical connections with which to worry. A deflector is provided to fasten over the camera's flash to redirect the light to the slave sensor on the SUBSTROBE S.

SUBSTROBE S

#4038.8 With Nelson cord \$169.95

Includes Nelson cord to mate with Sea & Sea 110 and 35mm cameras with Nelson connector.

UNIVERSAL CAMERA TRAY

Fits Hanimex and Sea & Sea 35mm cameras. Allows attachment of the strobe to the tray instead of the camera. Permits use of the STRAP & HANDLE LINIT

STRAP & HANDLE UNIT

#4094.51.....\$19.95

Our sure grip strap adjusts to any hand size and holds the camera in the palm of your hand for easy access to the shutter release. Allows your hand to be relaxed without dropping the camera.



PHOTO TRAVEL BAG

Ideal for storing and transporting your Hanimex or Sea & Sea photo gear. Constructed of durable nylon, with shoulder strap and easy-opening zipper. Interior has protective foam with diecut openings for the Camera, Substrobe S & Arm, Tray and Handle Unit. There's even room for extra film.

SUBSTROBE S PACKAGE

#3938.7\$179.95

Includes: Substrobe S (#4038.7)
Photo Bag with protective foam

Universal Tray

FREE STRAP & HANDLE UNIT

NOTE: CAMERA NOT INCLUDED

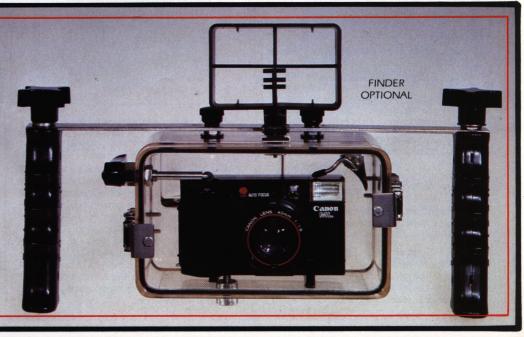
RANGEFINDER

RANGEFINDER CASE

Rangefinder type cameras can produce excellent underwater photographs. Camera models offer quality lenses, built-in flash, and the benefits of 35mm film. RANGEFINDER CASE has a working depth of 150′, and includes a handle assembly.

CUSTOM RANGEFINDER CASE

Your Rangefinder camera is required for custom installation. Cameras with infrared focus are not recommended for underwater use.



THE ONE SYSTEM THAT DOES IT ALL

Combine the Ikelite SLR CASE with an SLR camera, and you have the most versatile underwater photographic system in the world. The SLR CASE allows the photographer to utilize the outstanding features of the SLR camera underwater.

THRU THE LENS VIEWING

Viewing thru the lens offers perfect framing and accurate focusing. Parallax correction is unnecessary with the SLR. Parallax is an inherent problem with non-SLR cameras because the pictures seen thru the finder are not the same as seen thru the camera lens.

SUPER-EYE VIEWING

See the whole picture with the brilliant Super-Eye. Underwater with a face mask, the standard SLR eyepiece limits the view to about 50% of the actual picture area. Ikelite's Super-Eye image reduction system allows you to see the entire image area even while wearing a mask. The SLR CASE also accomodates cameras with large finders, such as the Nikon Action Finder, Pentax Action Eyepiece, and the Canon Speedfinder.

INTERCHANGEABLE LENSES

Another reason for the popularity of the SLR camera is the wide range of interchangeable lenses. The SLR CASE's port system allows for the use of this wide range of lenses; from 16mm full frame fisheye, to macro, to telephoto, they can all be used. The SLR CASE's optical Dome Ports correct for refraction and increase color saturation. (See page 18).

AUTO EXPOSURE MODES

Cameras with programmable or auto exposure modes allow even the amateur photographer to forget their worries about getting the right exposure. Auto exposure modes offer easy control for colorful sunlit exposures in shallow waters and are ideal for capturing beautiful dark blue silhouettes at depth.

SLR CASE FEATURES

The Ikelite SLR CASE was specifically designed to afford full underwater use of the SLR camera's versatile features. Molded of clear GE Lexan® all sealing surfaces and camera functions are visible. The unit has a 150' (45m) maximum working depth and can be taken to depths of 300' (90m) without risk to your photographic equipment.

All controls are easy to operate and are kept water tight with an Ikelite designed gland and quad-ring seal. All units are close to neutral buoyancy and handle beautifully underwater. The speed handle places the shutter release and film advance at your fingertips. The SLR CASE has positive gear drive focus and aperture, plus controls for film advance, shutter release, shutter speed, and meter switches where applicable.

The SLR CASE has an Ikelite Connector allowing external flash connections above or below water. Flash units can be mounted on the speed handle or mounting devices are available. See pages 18 and 19 for optional accessories and ports.

Camera installation and removal for film change are extremely simple and can be done in a matter of minutes.

IKELITE SUPER-EYE

The Super-Eye easily attaches to the standard SLR eyepiece. Encased in an aluminum body, the Super-Eye features a series of glass lenses coated on both sides to provide bright, brilliant images. The Super-Eye image reduction system picks up the image from the camera viewfinder and extends it to the large 1¼" diameter rear element providing full frame viewing. The Super-Eye is included with SLR and SLR MD-36 CASE's accommodating cameras with standard eyepieces.



SUPER-EYE VIEW

SLR CASE

NIKON

NIKON F, Ftn #5520	
NIKON F2, F2S, F2A, F2AS #5522	
NIKON F3 #5523	
NIKON EL, EL II #5526\$3	49.95
NIKON EM, FG #5527\$3	49.95
NIKON FM, FM-2, FE, FE-2 #5528\$3	49.95
NIKON FA #5529\$3	49.95
All controls provided.*	

NIKKORMAT

NIKKORMAT FTn,	FT2,	FT3,	EL, ELW,	EL II
#5526				\$349.95

Shutter speed control is provided for the EL, ELW, and EL II, but not for the FT models. All other controls provided.*

PENTAX

PENTAX SPOTMATIC, SPOTMATIC II, SL, F, SP500, SP1000
#5530\$349.95
PENTAX KX, KM, K1000, K1000SE #5531\$349.95
PENTAX MX, MV #5535\$349.95
PENTAX ME, ME SUPER, ME-F, MG, ME SUPER PROGRAM
#5536\$349.95
PENTAX LX #5537\$349.95 #5537.1 (For Action Eyepiece)\$299.95
All controls provided plus meter switches where

All controls provided, plus meter switches where applicable.*

OLYMPUS

OLYMPUS OM-1, OM-2, OM-10, OM-F, O	OM-G
#5565	.\$349.95

All controls provided except shutter speed.* Mode selector switch is not provided for OM-10, OM-F, and OM-G.

FOR INFORMATION ON HOUSINGS FOR NEW SLR MODEL CAMERAS, INCLUDING THE AUTO FOCUS MODELS, CONTACT IKELITE.

* CONTROLS PROVIDED REFERS TO CASE CONTROLS WHICH ARE FILM ADVANCE, SHUTTER RELEASE, SHUTTER SPEED, PLUS GEAR DRIVE APERTURE AND FOCUS.

KONICA

KONICA T, TII, A1000, A #5550	349.95
KONICA T3, A3, N-T3 #5553	349.95
KONICA T4 #5554	349.95
KONICA TC #5555	349.95
KONICA FS-1, FT-1 FC-1 #5556	349.95
All controls provided.*	

MINOLTA

MINOLTA (All SRT Models)	
#5560	349.95
MINOLTA XE-5, XE-7 #5561	349.95
MINOLTA XD-11, XD-5 #5563	349.95

MINOLTA XG-7, XG-1, XG-9, XG-M, XG-A #5564\$349.95 MINOLTA X-700, X-570 #5564.7\$349.95

All controls provided.*



SLR CASE PHOTOCASE

#3955	(SLR Case with Super-Eye) \$449.95
	(SLR Case for Large Finder
	Cameras)

Includes: Choice of SLR Case
Handle & Mounting Tray
Dome Port & Shade
Die Cut Foam
FREE PHOTOCASE

CANON

CANON F1 (New & Old Versions) F1-N	
#5570	\$349.95
CANON F1 WITH SPEEDFINDER #5573 (Old F1 Version)	
CANON FTb, FTbn, TLb, TX #5571	\$349.95
Older models are not adaptable.	
CANON T-50 #5576	\$349.95
CANON T-70 #5576.7	\$349.95
CANON AE-1, AT-1, AV-1 #5577	\$349.95
CANON A1, AL-1, AE-1 PROGRAM #5578	\$349.95
All controls provided.*	

CUSTOM SLR CASE

#5599 (If Possible)	1.																		\$3	34	9	. 9)!	5
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Many 35mm SLR cameras are adaptable to our molded housing. Your camera and lens are required for custom installation for approximately 5 days plus shipping time.



SLR CASE/ SUBSTROBE PHOTOCASE

#3955.4 (SLR Case with Super-Eye) \$599.95 #3955.4 (SLR Case for Large Finder Cameras)\$549.95

Includes: Choice of SLR Case Handle & Mounting Tray Substrobe MV Ikelite Sync Cord Strobe Arm I Die Cut Foam FREE PHOTOCASE

SLR MD-36 CASE

Combine the Ikelite SLR MD-36 CASE with an SLR camera, and you have the most versatile underwater photographic system in the world. The SLR MD-36 CASE allows the photographer to utilize the outstanding features of the SLR camera underwater plus the added advantage of motorized film advance.

THRU THE LENS VIEWING

Viewing thru the lens offers perfect framing and accurate focusing. Parallax correction is unneces-

sary with the SLR. Parallax is an inherent problem with non-SLR cameras because the pictures seen thru the finder are not the same as seen thru the camera lens.

SUPER-EYE VIEWING

See the whole picture with the brilliant Super-Eye. Underwater with a face mask, the standard SLR eyepiece limits the view to about 50% of the actual picture area. Ikelite's Super-Eye image reduction system allows you to see the entire image area even while wearing a mask. The SLR MD-36 CASE also accomodates cameras with large finders, such as the Nikon Action Finder, Pentax Action Eyepiece, and the Canon Speedfinder.

INTERCHANGEABLE LENSES

Another reason for the popularity of the SLR camera is the wide range of interchangeable lenses. The SLR MD-36 CASE's port system allows for the use of this wide range of lenses; from wide angle, to macro, to telephoto, they can all be used. The SLR MD-36 CASE's optical Dome Ports correct for refraction and increase color saturation. (See page 18).

AUTO EXPOSURE MODES

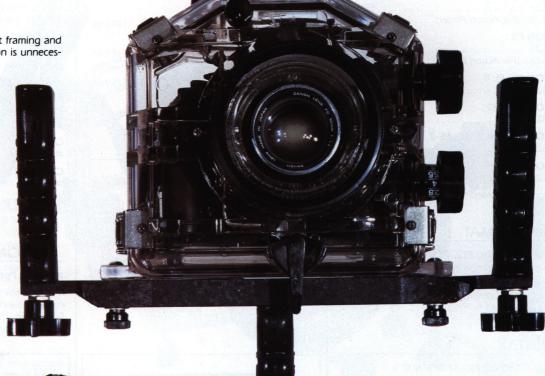
Cameras with programmable or auto exposure modes allow even the amateur photographer to forget their worries about getting the right exposure. Auto exposure modes offer easy control for colorful sulfix exposures in shallow waters and are ideal for capturing beautiful dark blue silhouettes at depth.

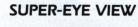
SLR MD-36 CASE FEATURES

The Ikelite SLR MD-36 CASE was specifically designed to afford full underwater use of the SLR camera's versatile features. Molded of clear GE Lexan® all sealing surfaces and camera functions are visible. The unit has a 150′ (45m) maximum working depth and can be taken to depths of 300′ (90m) without risk to your photographic equipment.

All controls are easy to operate and are kept water tight with an Ikelite designed gland and quad-ring seal. All units are close to neutral buoyancy and handle beautifully underwater. The handle is located under the case for best possible control. The SLR MD-36 CASE has positive gear drive focus and aperture, plus controls for shutter release, shutter speed, and meter switches where applicable. Manual film advance and shutter release controls are provided in the event of motor failure.

MOTOR DRIVE CAPTURES THE ACTION







The SLR MD-36 CASE has an Ikelite Connector allowing external flash connections above or below water. An aluminum mounting tray and three handles are included for easy handling and mounting of flash units and other accessories.

Camera installation and removal for film change are extremely simple and can be done in a matter of minutes. See pages 18 for optional ports.

NOTE: THE SLR MD-36 CASE CAN ONLY BE USED WITH CAMERAS WHEN THE MOTOR IS ATTACHED.

IKELITE SUPER-EYE

The Super-Eye easily attaches to the standard SLR eyepiece. Encased in an aluminum body, the Super-Eye features a series of glass lenses coated on both sides to provide bright, brilliant images. The Super-Eye image reduction system picks up the image from the camera viewfinder and extends it to the large 11/4" diameter rear element providing full frame viewing. The Super-Eye is included with SLR and SLR MD-36 CASE's accommodating cameras with standard eyepieces.

NIKON

Winder LX

MINOIN	
NIKON F2, F2S, F2A, F2AS #6522 #6522.1 (For Action Finder)	
Motor MD2, MD3 Accepts all finder systems except aut	o exposure.
NIKON EL II NIKKORMAT ELW, EL II #6526	\$399.95
Motor AW1	
NIKON EM, FG #6527	\$399.95
Motor EM, MD-14	
NIKON FM, FM-2, FE, FE-2 #6528	\$399.95
Motor MD11, MD12	
NIKON FA #6529	
Motor MD15	
PENTAX	
PENTAX MX #6535	\$399.95
Winder MX	
PENTAX ME #6536	
Winder ME, ME II	
PENTAX LX #6537 #6537.1 (For Action Eyepiece)	

MINOLTA

MINOLTA XD-11, XD-5 #6563 \$399.95
Auto Winder D
MINOLTA XG-7, XG-1, XG-9, XG-M, XG-A #6564 \$399.95
Auto Winder G, Motor Drive 1
MINOLTA X-700, X-570 #6564.7 \$399.95
Auto Winder G, Motor Drive 1

OLYMPUS

CIVARRIE CM 1 CM 3	gramming a replace measure (#1)
OLYMPUS OM-1, OM-2 #6565	\$399.95
Winder 1	
OLYMPUS OM-10	\$399.95

CANON

Winder 1

CANON F1 WITH SPEEDFINDER #6573.1 (New F1 Version)\$349.	95
Power Winder FN	
CANON AE-1 PROGRAM #6576	95
Power Winder A, A2	
CANON AF-1 AT-1	

Power Winder A, A2 CANON A-1 AL-1 #6578.....\$399.95 Power Winder A. A2

Battery Pack MA, Ni-cad Pack MA

#6577.....\$399.95

CUSTOM SLR MD-36 CASE

Your camera, motor, and lens are required for custom installation for approximately 5 days plus shipping time.

NOTE: ALL MOTORS AND WINDERS LISTED ARE ORIGINAL CAMERA MANUFAC-TURERS. OTHER MAKES MAY OR MAY NOT FIT.



SLR MD-36 PHOTOCASE

#3965	(SLR MD-36 Case with
	Super-Eye) \$469.95
#3965	(SLR MD-36 Case for Large
	Finder Cameras) \$419.95

Includes: Choice of SLR MD-36 Case Dome Port & Shade Die Cut Foam FREE PHOTOCASE

The SLR MD-250 CASE is the ultimate underwater photographic system for the serious photographer. The Case accepts the 35mm SLR camera, motor drive unit, and 250 exposure film back. Seven rolls of 36 exposure film can be shot without opening the camera; not an unrealistic amount of film for a full day's shooting.

The 5" x 9" x 14" Case is quite small for the amount of camera equipment contained. Its total above water weight is about 18 pounds, including the camera. Balance and handling underwater are superb. Two short aluminum mounting trays with dual handles are provided for mounting Ikelite

Case includes controls for focus, aperture, shutter speed, shutter release, and meter switches where applicable. The standard dome port is supplied with the Case, and all Ikelite SLR Ports (page 18) can be used.

SLR MD-250 CASE

NIKON F2, F2S, F2A, F2AS #6622.....\$595.00 | #6673.....\$595.00 |

CANON F-1 (Old Model)

CUSTOM CASE (if possible) #6699.....\$595.00

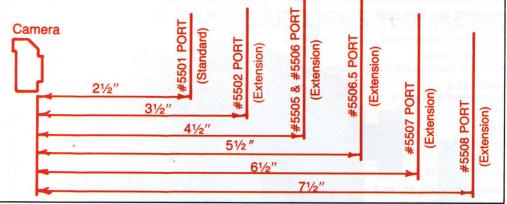
R POR

SELECTING THE CORRECT PORT

To determine the correct IKELITE Port for specific lenses:

- 1. Install lens on camera
- 2. Extend lens to maximum length to be used.
- 3. Measure from front of camera to the face of the
- 4. Check this dimension against the chart below to determine the correct port.

NOTE: Ports selected for Macro lenses extended to the 1:1 position cannot be used with lens in the infinity position as the front of the port will be in the photograph, due to the length the lens moves between 1:1 and infinity. Most Macro lenses can be used between 1:2 and infinity in the same port.



SLR PORTS

All IKELITE SLR housings utilize the same interchangeable port system. The SLR CASE and SLR MD-36 CASE come with the #5501 Standard port (No substitutions). Ports are available to accomodate most any lens - see PORT SELECTION CHART. The ports are secured by quick-release locks and are instantly interchangeable.

STANDARD PORT

Comes standard on all SLR CASES and SLR MD-36 CASES (No substitutions).

EXTENSION PORT

One inch longer than the standard port. This port is for short telephoto and some macro lenses.

DOME PORT & SHADE

The Dome Port adds tremendous color saturation and definition to underwater photographs with lenses wider than 35mm. Standard and Telephoto lenses will not really benefit. A 28mm lens shows definite improvement with a dome port; lenses wider than 28mm require a dome port for corner-

and molded for underwater photography. It is not a converted compass dome as used in most equipment, but an optical achievement of exceptional quality. The Dome Port Shade offers protection to the dome and also blocks extraneous light from the camera lens. The shade can be used with most lenses as wide as 17mm without vignetting.

DOME PORT SHADE

#5504 (Shown on Dome Port) \$14.95

The Dome Port Shade is easily installed on existing dome ports adding protection for the dome. It also blocks extraneous light from the camera lens. The Shade can be used with most lenses as wide as the 17mm without vignetting.

SUPERWIDE DOME PORT

The SUPERWIDE DOME is designed for use with lenses such as the Canon 15mm and Nikon 16mm full frame fisheye. Any super wide angle lens having an angle of coverage between 110 and 170 degrees can be used with this dome. The Dome Port Shade cannot be used.

USE ON SLR CASE ONLY.

EXTENSION PORT

One inch longer than the #5502 port. This port is for medium telephoto lenses and the 55mm Macro lens with life-size adapter. Due to the length of

EXTENSION PORT WITH FOCUS

Same dimensions as the #5505 port. This port features a built-in focus system to provide focusing with medium length telephotos and the 55mm Macro lens with the life-size adapter.

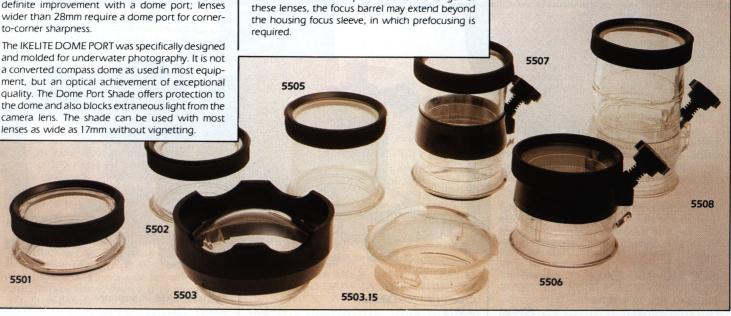
#5506.5 (Not Shown) \$59.95

One inch longer than the #5506. Port features the same built-in focus system as the #5506.

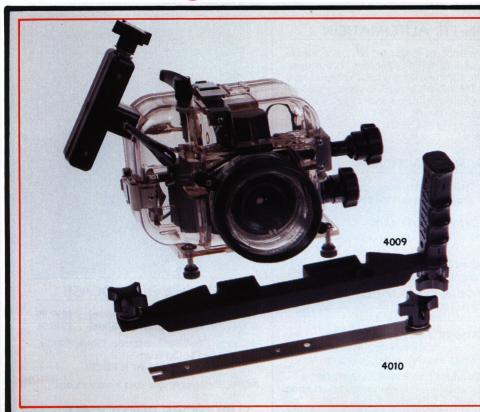
One inch longer than the #5506.5 extension port. This port is for the longer telephotos and the 100mm Macro lens. Port features same built-in focus system as the #5506.

#5508.....\$69.95

One inch longer than #5507. Port features same built-in focus system as the #5506



SLR ACCESSORIES



HANDLE & MOUNTING TRAY

#4009......\$29.95

Features an anodized aluminum tray with two mounting points for strobe arms and a handle for added stability. HANDLE & MOUNTING TRAY is recommended for the SLR CASE when attaching all strobes and is **required** for the heavier units. Tray is included with SLR PHOTOCASE packages.

MOUNTING BAR

#4010\$9.95

Stainless steel bar can be used for mounting a light-weight strobe to the SLR CASE.

CLOTH PORT COVERS

#5005.1 Dome Port & Shade\$4.95 #5005.2 All other SLR ports\$4.95

Elastic edged cloth cover helps protect the port from scratches.

E/O CONNECTOR

#5519.1....\$99.95

Ikelite housing can be ordered with the E/O female connector installed. The alternative is to use the #4101.9 ICS ADAPTER (page 26).

SUBSTROBE



IKELITE SUBSTROBES BRING LIGHT AND COLOR TO THE UNDERWATER WORLD.

IKELITE SUBSTROBES. Designed and built by Ikelite USA to suit both the professional and the amateur photographer.

IKELITE SUBSTROBES

Feature

- **★ MULTI-POWER SETTINGS**
- **★** FAST RECYCLE
- * HIGH INTENSITY OUTPUT
- **★ SLAVE MODE**
- **★ BUILT-IN MODELING LIGHT**
- ★ 110° COVERAGE

& TTL AUTOMATION

SUBSTROBE M, MS, & MV

For the ultimate compact and lightweight strobe, select one of the SUBSTROBE M SERIES strobes. Manual, Slave, and TTL models are available.

Weighing in at a mere 1.3 lbs (with batteries, batteries not included) and measuring only 4.5" in length, the M SERIES strobes are excellent for macro, close-up, and general photography. Covering lenses as wide as 28mm, the M SERIES strobes are suitable for most photographic needs.

SUBSTROBE M SERIES operates from 4 AA batteries, alkaline or rechargeable. Alkalines provide fast 5-second recycle times and over 250 flashes. Industrial grade ni-cads are available from Ikelite, #4041 NI-CADS & CHARGER.

SUBSTROBE 100, 150, & 225

New non-rechargeable version of SUBSTROBE 150 is now available

Powerful SUBSTROBE 100, 150, & 225 feature high intensity output with multiple power settings, built-in modeling/night diving light, and three exposure modes, Manual, Slave, and TTL.

Ultra wide angle coverage measures a full 110° without the need of a diffuser, more than adequate for use with the Nikonos 15mm or SLR 18mm lenses. Most OTHER strobes require the use of a diffuser, which decreases their light output by one full f-stop.

Alkaline and ni-cad battery modules are interchangeable on SUBSTROBE 100, 150, & 225. Chargers are not included with rechargeable 150 & 225 because of the multiple choices available.

GENERAL

Ikelite SUBSTROBES feature the detachable cord system for interchangeability on different systems and ease in packing. Because of the multiple choices, sync cords are not included with Substrobe models. For Non-TTL automatic exposure control of the Substrobe, select the optional FLASH MONITOR.

Several arm systems are available (page 25) to suit your individual needs.

Complete SUBSTROBE PACKAGES are available for use with Nikonos cameras (pages 22 & 23) or SLR cameras (page 15). Or choose one of the Strobe Packages for any camera system (page 20), simply add the proper sync cord.

BSTROBE

IKELITE SUBSTROBES

FEATURE

- MULTI POWER SETTINGS
- FAST RECYCLE
- HIGH INTENSITY OUTPUT
- SLAVE MODE
- BUILT-IN MODELING LITE
- 110° COVERAGE

TTL **AUTOMATION**

TTL AUTOMATION

TTL mode on Ikelite SUBSTROBES provides automatic Thru-The-Lens (TTL) flash exposure control with the Nikonos V camera, (TTL sync cord required). The TTL system automatically compensates for distance, f-stop, extension tubes, and filters. The camera's silicone photodiode reads the light passing thru-the-lens and automatically signals the Ikelite SUBSTROBE to turn itself off when the exposure is correct.

Considering the wide range of apertures and shooting distances available, select the TTL mode on Ikelite SUBSTROBES to easily control conditions of balanced lighting, depth of field, and closeup photography.

NON-TTL AUTOMATION

With the optional FLASH MONITOR, a remote sensor, all SUBSTROBES offer Non-TTL automatic exposure control with any underwater camera system. The MONITOR will automatically produce accurate exposures over a wide range of strobeto-subject distances. FLASH MONITOR is not needed when TTL SUBSTROBES are used with Nikonos V.

FLASH MONITOR

#4054 (For Non-TTL feature Strobes) \$79.95 #4055 (For TTL-feature Strobes) \$79.95

* A BUILT-IN READY LIGHT

Indicates when the strobe is ready for the next

★ BUILT-IN SLAVE SENSOR

Allows any SUBSTROBE to be used as a slave.

* A MANUAL EXPOSURE CONTROL

Allows the SUBSTROBE to be used manually even while the MONITOR is connected.

* AUTOMATIC EXPOSURE CONTROL

Set lens to recommended f-stop. MONITOR reads reflected light and gives correct exposure.

★ OVER-UNDER EXPOSURE CONTROL

Allows exposure compensation and bracketing of exposures.

The FLASH MONITOR can be added to any Ikelite SUBSTROBE with a detachable sync cord. The MONITOR mounts to the accessory shoe on the camera case, universal tray, or to an Ikelite ARM.





SUBSTROBE PHOTOCASE

#3949.48 Substrobe 100 (alkaline) ... \$499.95 #3949.49 Substrobe 150 (alkaline) . . . \$549.95

Includes: Choice of Substrobe, Quick Handle, & Die Cut Foam

PHOTOCASE AT 1/2 PRICE!

NOTE: Detachable sync cord is not included.

SUBSTROBE PHOTOCASE

#3949.52 Substrobe 150 (ni-cad)....\$649.95 #3949.56 Substrobe 225 (ni-cad)....\$719.95

Includes: Choice of Substrobe, Quick Handle, Quick Charger, & Die Cut Foam FREE PHOTOCASE!

NOTE: Detachable sync cord is not included.

SYNC CORDS

Sync cords are not included with the SUBSTROBE models. See page 27 for the various Detachable Sync Cords available.

SUBSTROBE SELECTION CHART

MODEL	PRICE	EXPOSURE CONTROL	SURFACE GUIDE# ISO 100	COVERAGE ANGLE deg/lens	POWER SOURCE (& CHARGER)	POWER SETTING	ENERGY RATING watt-sec	OF FLASHES	RECYCLE TIME	SLAVE MODE	AIMING LIGHT	
SUBSTROBE M #4040	\$129.95	M/A	92	65°/28mm	4 AA	Full	33	250	5 sec.	No	Optional	(Substrobe M)
SUBSTROBE MS #4040.5	\$149.95	M/A	92	65°/28mm	4 AA	Full	33	250	5 sec.	Yes	Optional	(Substrobe MS)
SUBSTROBE MV #4042	\$169.95	M/T/A	92	65°/28mm	4 AA	Full	33	250	5 sec.	No	Optional	(Substrobe MV
SUBSTROBE 100 #4048	\$379.95	M/T/A	105	110°/15mm+	6 D Cells	Full ½	100 50	200 400	6 sec. 4 sec.	Yes	Built-in	(Substrobe 100
SUBSTROBE 150 #4049	\$429.95	M/T/A	120	110°/15mm+	6 D Cells	Full ½ ¼	150 75 40	125 250 500	6 sec. 3 sec. 2 sec.	Yes •	Built-in	(Substrobe 150E
SUBSTROBE 150 #4050	\$529.95	M/T/A	120	110°/15mm+	Removable ni-cad incl. (CNI)	Full ½ ¼	150 75 40	150 300 600	6 sec. 3 sec. 2 sec.	Yes	Built-in	(Substrobe 150
SUBSTROBE 225 #4056	\$599.95	M/T/A	145	110°/15mm+	Removable ni-cad incl. (CNI)	Full ½ ¼	225 110 55	125 250 500	6 sec. 3 sec. 2 sec.	Yes	Built-in	(Substrobe 225

- M Manual Exposure Control
 - Thru-The-Lens (TTL) Exposure Control
- Can Add Flash Monitor for Non-TTL Auto Exposure Control
- CNI Charger is NOT INCLUDED.

SUBSTROBE



NIKONOS PACKAGES





#3942.42\$299.95

Includes: Substrobe MV (TTL)
Nikonos TTL Sync Cord
Universal Tray
Strap & Handle
Rapid Advance Lever
Strobe Handle & Mount I
Mini C-Lite H (Orange)

NIKONOS III/IV/V SUBSTROBE MV PHOTOCASE

Includes: Substrobe MV (TTL)
Nikonos TTL Sync Cord
Universal Camera Tray
Strap & Handle
Rapid Advance Lever
Strobe Handle & Mount I
Mini C-Lite H (orange)

Die Cut Foam
FREE PHOTOCASE

PLUS ROOM FOR: NIKONOS CAMERA IKELITE OPTICAL VIEWFINDER EXTENSION TUBES & FRAMERS



NIKONOS PHOTOCASES



COMPLETE SYSTEMS FOR NIKONOS III, IV, V

NIKONOS III/IV/V SUBSTROBE PHOTOCASE

#3945.48 Substrobe 100 (alkaline) . . . \$579.95 #3945.49 Substrobe 150 (alkaline) . . . \$629.95

Includes: Choice of TTL Substrobe (alkaline)
Nikonos TTL Sync Cord

Universal Camera Tray Strap & Handle Rapid Advance Lever Quick Handle

Die Cut Foam
FREE PHOTOCASE

INCLUDES FREE PHOTOCASE

Die Cut Foam has openings for Ikelite products included in Photocase Packages for Nikonos

PLUS ROOM FOR: NIKONOS CAMERA IKELITE OPTICAL VIEWFINDER EXTENSION TUBES & FRAMERS

NIKONOS III/IV/V SUBSTROBE PHOTOCASE

#3945.52 Substrobe 150 (ni-cad)....\$749.95 #3945.56 Substrobe 225 (ni-cad)....\$819.95

Includes: Choice of TTL Substrobe (ni-cad)

Ouick Charger at ½ price
Nikonos TTL Sync Cord
Universal Camera Tray
Strap & Handle
Rapid Advance Lever
Ouick Handle
Die Cut Foam
FREE PHOTOCASE

NIKONOS ACCESSORIES

NIKONOS ACCESSORY COMBO

#4094.34 NIKONOS III, IV, V......\$59.95

Includes: Ikelite Adapter
Universal Tray
Rapid Advance Lever
FREE STRAP & HANDLE

#4094.15 NIKONOS III, IV, V\$39.95

Includes: Universal Tray

Strap & Handle

FREE RAPID ADVANCE

#4098.2 NIKONOS I, II\$39.95

Includes: Ikelite Adapter Short Aluminum Tray

UNIVERSAL TRAY

#4094.1 Nikonos III, IV, V...... \$19.95

The UNIVERSAL TRAY fits the Nikonos camera models III, IV, V, Sea & Sea Marine 35, and Hanimex 35mm Amphibian. The TRAY provides one mounting point for Ikelite ARMS and features convenient mounting points for accessories and the FLASH MONITOR. The STRAP & HANDLE unit can easily be added.

STRAP & HANDLE UNIT

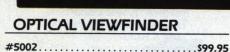
#4094.5 Nikonos III, IV, V \$19.95

The STRAP & HANDLE UNIT attaches to the UNIVERSAL TRAY providing a second strobe attachment point and the convenience of one hand camera operation. The sure grip strap adjusts to any hand size and holds the camera in the palm of your hand for easy access to the shutter release and film advance. The HANDLE UNIT can be used with or without the second strobe attachment point. The STRAP & HANDLE are required for use with the DUPLEX KIT.

RAPID ADVANCE LEVER

#4091 Nikonos V \$9.95

The Ikelite RAPID ADVANCE installs over the Nikonos V's folding film advance lever. The RAPID ADVANCE allows fast, easy film advancement with the Nikonos V camera. This accessory is a must when shooting with one hand and works well with or without the HANDLE UNIT.

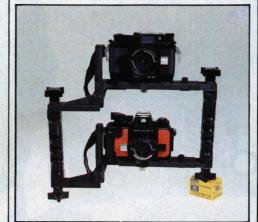


Ideal for use with all models of the Nikonos camera. The OPTICAL VIEWFINDER provides a 120° field of view and the parallax corrector

4094.5

IKELITE ADAPTER FOR NIKONOS

The IKELITE ADAPTER is compact, easy to connect, and extremely dependable. There are no batteries to install and no switches to set. The ADAPTER screws into the Nikonos flash socket and provides a female Ikelite connection which can be connected or disconnected underwater. The ADAPTER allows the convenience of changing cameras or strobes at any time, dual flash use, and the mixing of strobe types.

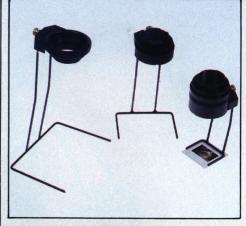


than the eye can see. An assortment of four framer

masks are included: 35mm, 28mm, Nikonos

20mm, and Nikonos 15mm. (See page 26).

4091



DUPLEX KIT

The DUPLEX KIT allows the stacking of any two of the same camera types: Nikonos (models III, IV, and V), Sea & Sea Marine 35, or Hanimex 35mm Amphibian. Two UNIVERSAL TRAYS utilizing STRAP & HANDLE UNITS can be mounted together with the DUPLEX KIT, providing the convenience of having two cameras and lenses on a dive.

IKELITE EXTENSION TUBES & FRAMERS

#4090.11 1:1 Ratio \$49.95 #4090.12 1:2 Ratio \$49.95 #4090.13 1:3 Ratio \$49.95 #4090.03 Complete set of 3 \$129.95

These accurately machined extension tubes and framers are designed for the Nikonos 35mm lens. The tubes are black anodized aluminum, and the bayonet mount provides an o-ring seal between the camera and lens. The framer fastens quickly and securely to the extension tube with a knurled nut.



dial rectifies the parallax problem. The advantage of an optical type finder is its ability to show more

#0301.95 \$6.95

Permits use of old style Nikonos 15mm Viewfinder with the UNIVERSAL TRAY.



QUICK HANDLE

#4081\$74.95

The QUICK HANDLE is especially suited for the Substrobe 100, 150, and 225. It features an adjustable 18" arm and quick release lever. The arm can be secured in an infinite number of positions. The quick release offers easy one hand control allowing the strobe to be removed, hand held, and remounted underwater without changing the arm adjustment.



ARM ADAPTER N

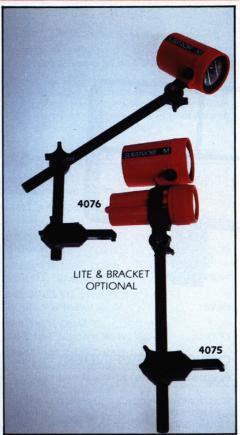
#4072 \$9.95

New Ikelite ARM ADAPTER N allows Nikonos SB model strobes to be mounted to an Ikelite Arm. Ikelite Tray & Handle Combo #4094.15 is required to mount the Arm to the Nikonos camera.

ARM CONVERSION

#4076.2\$24.95

Conversion includes a 6" arm and joint to make a double section of either the STROBE ARM I or STROBE HANDLE & MOUNT I. The double section is especially suited for macro photography.



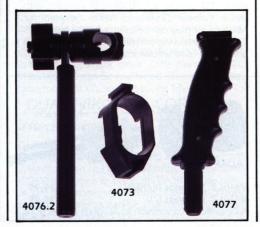
STROBE ARM I

All Ikelite Substrobes and Strobe Housings will mount to the STROBE ARM I. It utilizes an adjustable 12" arm and allows positioning of the strobe in any direction. The optional LITE BRACKET can be added for use with the Substrobe M series.

STROBE ARM II

#4076.....\$49.95

The STROBE ARM II is the double section version utilizing an adjusting joint between the 6" and 12" arms for added flexibility. It is especially suited for macro photography. The optional LITE BRACKET (as shown) can be added for use with the Substrobe M series.





STROBE HANDLE & MOUNT I

#4078.....\$39.95

The STROBE HANDLE & MOUNT I is exclusively for the Substrobe M series. The system incorporates a contour handle instead of an arm section and includes the Lite Bracket. The feel of the handle lets you know where the strobe is aimed. The Lite Bracket allows convenient use of the Mini C-Lite as an aiming/modeling light.

STROBE HANDLE & MOUNT II

#4079 \$59.95
The double section STROBE HANDLE & MOUNT II is exclusively for the Substrobe M series and utilizes an adjusting joint between the 6" arm and contour handle. The added flexibility is especially suited for hand holding and macro work. The LITE BRACKET is included.

LITE BRACKET

#4073 \$4.95

The LITE BRACKET permits the Mini C-Lite to be used as an aiming/modeling light for the Substrobe M series. The bracket makes light holsters obsolete.

STROBE HANDLE

For Substrobe M series. Hand holding the strobe offers more creative lighting. The handle lets you know where the strobe is aimed.

FINDERS



SPORTSFINDER II

Specifically designed for disc and 110 photography and allows accurate framing of the subject. SPORTSFINDER II is pre-corrected for parallax and comes with universal shoe mount.

very similar to looking through a 15mm camera lens. Four framer masks are included: 35mm, 28mm, Nikonos 20mm, and Nikonos 15mm.

Parallax, created by the difference in positioning between the camera lens and the viewfinder, is rectified by rotating the parallax corrector dial to change the angle of the OPTICAL VIEWFINDER. Finder comes complete with the universal shoe mount and is secured by the locking ring.

FRAMER MASK KIT

#5003

Additional framer masks for OPTICAL VIEWFINDER. Five masks are included: 17mm, 20mm, 24mm, 50mm, and a blank mask for making a special format.

ICS ADAPTERS

These ICS ADAPTERS make the Ikelite Underwater Photographic System the first universal system in the world. The ICS ADAPTERS allow the use of any flash system with E/O, Nikonos I/II or III/IV/V connectors to be used with the Ikelite Connector System. No modification of the flash unit is required

The Adapters contain circuitry compatible with the Ikelite SST System. ICS ADAPTERS connect with Ikelite Camera Cases and Ikelite Adapters for Nikonos, or they can be used with the Ikelite "T" Connector allowing different manufacturers' flash units to be used simultaneously.





#4101.3 Nikonos III/IV/V #4101.2 Nikonos I/II Adapts Ikelite connection to Nikonos connection.



4104.8

4104.3

4104.5

CONNECTORS

IKELITE CONNECTOR SYSTEM (ICS)

Components afford complete waterproof integrity.

Included on Ikelite Sync Cords, ICS Adapters, and Ikelite "T" Connectors. Can be unplugged from the female Ikelite Connector above or below water. Installs on 3/16" or 1/4" diameter cord.

IKELITE CONNECTOR & CORD #4102 (Not Shown)\$29.95

Six foot coiled cord with male lkelite Connector and #4007 Cord Connector for permanent installation through a ½" diameter hole in up to ¾" material.

IKELITE CONNECTOR (Female) #4105\$9.95

Included on Ikelite Camera Cases, Ikelite Adapters for Nikonos, and Ikelite "T" Connectors. Mates with the male Ikelite Connector. Installs in a ½" diameter hole in up to ¾" material.

Allows two strobes with Ikelite connectors to be combined for dual flash on Ikelite Camera Cases and Ikelite Adapters for Nikonos.

IKELITE CONNECTING CORD
#4108 With 6' coiled cord\$29.95
#4108.1 With 1' coiled cord\$24.95

Coiled cord with two male Ikelite connectors. Cord required in conjunction with Ikelite "T" Connector to combine one strobe with two cameras





IKELITE ADAPTER FOR NIKONOS

#4099.2 Nikonos I & II\$29.95 #4099.34 Nikonos III, IV & V\$29.95

IKELITE ADAPTER is compact, easy to connect, and extremely dependable. Adapts the Nikonos flash socket to the female Ikelite connector. Allows convenience of changing strobes underwater, dual flash, and mixing of strobe types.

DETACHABLE SYNC CORDS

For use with Ikelite Substrobes featuring the detachable cord system.

#4104.3 Nikonos III, IV, V......\$49.95
NIKONOS TTL SYNC CORD

#4104.5 Nikonos III, IV, V.......\$59.95
NIKONOS DUAL TTL CORD

#4104.52 Nikonos III, IV, V......\$99.95

DUAL NIKONOS CAMERA CORD #4104.55 Nikonos III, IV, V...........\$99.95 Connects two Nikonos cameras directly to one Ikelite Substrobe.

NELSON SYNC CORD #4104.8\$69.95



DUAL CONNECTOR



DUAL TTL SYNC CORD

#4104.52 Nikonos III, IV, V......\$99.95

Connects two IKELITE SUBSTROBES featuring detachable cord system directly to one Nikonos camera. When using the Nikonos V, the DUAL CORD enables two TTL SUBSTROBES to be used in the TTL automatic mode. Different model TTL SUBSTROBES can be combined. (Example: Ikelite Substrobe 150 TTL and Substrobe MV TTL.)

DUAL NIKONOS CORD

#4104.55 Nikonos III,IV,V......\$99.95

Connects two Nikonos cameras directly to one IKELITE SUBSTROBE featuring detachable cord system. When using the Nikonos V, the DUAL CORD enables the TTL SUBSTROBE to be used in the TTL automatic mode. Different model Nikonos cameras can be combined. (Nikonos III & IV do not offer TTL).



NIKONOS "T" CONNECTOR

Allows two strobes with Nikonos connectors to be used with one Nikonos camera. When using the Nikonos V, the NIKONOS "T" CONNECTOR enables two TTL strobes of different manufactures to be combined in the TTL automatic mode. (Example: Combine any Ikelite TTL Substrobe & cord with the Nikonos SB 102 or SB 103.)

MARINE VIDEO SYSTEMS

1986 is the "Year of the Camcorder." Ikelite's MARINE VIDEO SYSTEM houses camcorders by Canon, JVC, Olympus, RCA, and Sony. If you have been waiting for the all-in-one camcorder, your time has come! There is an Ikelite MARINE VIDEO SYSTEM for you.

Ikelite MARINE VIDEO SYSTEMS are rated to a working depth of 150' (45m). Camcorder housings provide controls for power, play/record, start/stop, white balance, filter selection, and zoom. Dome port is standard on most installations and adds tremendous color saturation and definition to underwater images. Once focused behind the dome port, the camera remains in focus between 1.1m and infinity.

Housings are equipped with our contour handle system for easy handling underwater while providing attachment points for the Ikelite VIDEO-LITE. All Ikelite MARINE VIDEO SYSTEM housings are weighted to achieve neutral buoyancy in salt water.

SONY M8U

#6030.....\$299.95

Sony Handicam is the easiest to use and certainly the most compact. Ikelite housing and Sony M8U weigh just over 15-pounds above water. Controls for distance, filter setting, and start/stop are provided. Features a flat port. Wide Angle Lens #6420 is **not** recommended.

SONY M8U

Same features as above except special Wide Angle Lens and dome port provided.

JVC & ZENITH

#6011	GR-C1U & VM-6000.	 		.\$695.00
#6012	GR-C2U & VM-6100			.\$795.00

An ideal set-up for today's traveling diver. The #6011, two component system, houses the viewfinder separately. Videomovie and Ikelite housing weigh only 22-pounds above water. Single cylindrical housing #6012 and auto-focus camcorder weigh 26-pounds above water. Features dome port and controls listed above.

MONITOR CASE

#6403 JVC TM-P3(Not Shown)\$299.95

Color Monitor can be added to the Ikelite housings for JVC to provide a larger viewing screen. When used with the #6011 housing, the MONITOR CASE replaces the standard viewfinder housing, but does **not** provide the recording information on its screen.

VIEWFINDER CASE

#6405 JVC VF-P5 (Not Shown)\$149.95

JVC'S 1" B&W viewfinder provides four times the viewing area. Ikelite VIEWFINDER CASE can be easily added to any Ikelite housing for JVC. When used with the #6011 housing, this VIEWFINDER CASE replaces the standard viewfinder housing.





MARINE VIDEO SYSTEMS



Weighing less than 40-pounds, the Ikelite cylindrical housing and Super Beta are a real joy to use. All controls provided. Dome port included.

OLYMPUS VX-402

Full-size VHS format. Requires a separate viewing screen for record information and battery condition. Camcorder and Ikelite cylindrical housing weigh 68-pounds above water. Dome port and controls provided as listed above.

Similar to #6035 for Sony CCD V8 AF.

Hitachi VM 2000A Minolta CR-1000 SAF

Pentax PV-C11A..... Similar to #6020 for RCA CLR-200. Wide Angle Lens #6420 is not recommended.

GE 1CVM-6060 Magnavox VR-8290GY Panasonic PV-200

Philco VCR 800 SL Quasar VM-10

...\$995.00 Similar to #6065 for Olympus VX-402.

WIDE ANGLE LENS ADAPTER

This lens screws into the camera's normal lens and more than doubles the angle of acceptance without producing distortion at the edges. WIDE ANGLE LENS ADAPTER enables you to move in close for improved picture quality. Recommended for all Video Cameras and Camcorders listed except the Sony M8U and RCA CLR-200. Specify camera when ordering.

MARINE VIDEO SYSTEMS

VIDEO CAMERA CASE

#6103	JVC GZ-S3										\$395.00
#6105	JVC GZ-S5										\$395.00
#6114	JVC GX-N4										\$395.00
#6117	JVC GX-N7	, (iX	-1	18	١.				 	\$395.00
#6142	Panasonic '	W	V-	FZ	2 .						\$395.00

Combine the Ikelite VIDEO CAMERA CASE with any of the RECORDER CASES listed below. Our two-component camera/recorder system offers the added advantage of separating the units for ease of transportation. Dome port is standard and adds tremendous color saturation and definition to underwater images. Controls are provided for start/stop, power zoom, and white balance as required. Zoom control will focus the camera lens behind the dome port. Contour handle system provides attachment points for the VIDEO-LITE.

VIDEO RECORDER CASE

#6203 JVC HR-C3	.\$350.00
#6210 JVC HR-S10U	.\$450.00
#6212 JVC HR-S20U	.\$450.00
#6265 Olympus VC 1050U	.\$450.00

Ikelite VIDEO RECORDER CASE secures to any of the VIDEO CAMERA CASES listed to provide a compact, lightweight underwater video system. Controls are provided for power, play/record, stop, rewind, and fast forward.

When Ikelite CAMERA CASE and RECORDER CASE are ordered together, housing weights are included to assure perfect handling underwater. With the camera and recorder installed, the Ikelite two component video system weighs 40-45 pounds above water (depending on system). Connecting cable #6302 is required.

CONNECTING CABLE

#6302	 	 \$50.00

Connects the two component camera/recorder housings. 1' cable with Ikelite 10-pin connectors.



MODULAR VIDEO-LITE

Adds the important dimension of color. VIDEO-LITE powers the 3400° Kelvin cinema lamp for about 12 to 14 minutes of filming before recharging or changing the ni-cad module. Mounting bracket and 6" bar included. The charger is NOT included because of the multiple choices. See pages 8,9.

VIDEO-LITE MOUNTING ARM

#4085.....\$29.95

Provides added flexibility for the VIDEO-LITE. Utilizes an adjustable 18" arm to allow positioning of the lite in any direction. Can be mounted to any of the Ikelite Video Systems.

ACCESSORIES



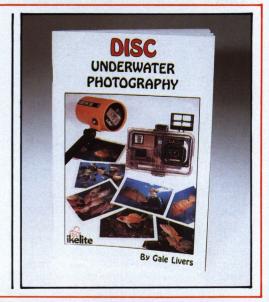
ACCESSORY CASE

THE ANSWER for small non-waterproof items. It is indispensable for carrying film, keys, cigarettes, etc. Guaranteed unbreakable and leak-proof to 400'. The hinged arm snaps onto a 2" belt. The o-ring sealed, screw-on cap measures 2" inside diameter, the base is 1\%", and the inside height is 3\%".

DISC U/W PHOTO BOOK

#3105\$6.95

"Disc Underwater Photography" by Gale Livers is an easy to follow "how to" book covering all aspects of using disc cameras and the Ikelite Disc-Case underwater.



COMPONENTS

MOLDED HOUSING SPECIFICATIONS

Ikelite Housings offer the ultimate in safety, convenience, and affordability. For superior strength, all Ikelite Housings are injection molded using clear polycarbonate. Injection molding eliminates seams, joints, and errors possible both in gluing and machining. Front covers are 34" thick optically perfect Plexi® and are secured with stainless lid snaps. Ikelite Housings are waterproof to 300' 190lm.

#4810	(2-5/16 x 4 x 8" deep)\$69.95
#5210	(3-1/2 x 5-1/8 x 4" deep
	back molded on a 2" radius)\$69.95
#5410	(4-1/4 x 7-1/8 x 5-1/2" deep) \$129.95
#5710	(3-11/16 x 4-3/4 x 8" deep)\$119.95
#5810	(4-11/16 x 5-15/16 x 8" deep) \$129.95
#5910	(5-1/4 x 9-5/16 x 8" deep)\$229.95

SMALLEST INSIDE DIMENSIONS

CONTROL ASSEMBLIES

Ikelite Control Assemblies are sealed with Minnesota Rubber Company's patented "Quad-X"® four-lobed seal providing twice the sealing dependability of an o-ring seal. Control knobs feature brass inserts for durability and stainless set screws for corrosion resistance. Control Assemblies install through a %" diameter hole.

STANDARD	STRAIGHT	SHAFT

#5007	6" shaft with round knob	\$14.95
#5008	4" shaft with round knob	\$14.95
#5009	6" shaft with lever knob	\$14.95
#5010	4" shaft with lever knob	\$14.95

MACHINED TO BEND SHAFT

#501	6 6" shaft with round knob	\$14.95
#501	5 4" shaft with round knob	\$14.95
#501	4 6" shaft with lever knob	\$14.95
#501	1 4" shaft with lever knob	\$14.95

COMPONENTS

#4005\$24.9	5
Six foot coiled cord assembly with #4006 an #4007 Cord Connectors on each end for permanent installation in a $\frac{1}{2}$ " diameter hole.	
COPD CONNECTOR	

#4006	Up to ¾" thick material	\$9.95
	Up to 3/4" thick material	
Watero	roof cord connection for permanent	instal

Waterproof cord connection for permanent installation of 3/16" or 1/4" cords in a 1/2" hole.

SILICONE LUBRICANT

SILICOITE	LODING UV	
#5020	\$1.5)5

Maintains smooth operation of controls and reduces friction when sealing housings.

DI ASTIC CEMENIT

	CEIVIEIVI
#5019	

For acrylic and polycarbonate plastics.



Includes stainless bar, mounting bolts, handle(s)

#5021	5" single plastic handle assy \$17.95
#5022	14" double lead handle assy \$49.95
#5023	10" double plastic handle assy \$24.95
#5024	12" double plastic handle assy \$26.95
#5025	14" double plastic handle assy \$29.95







* Discontinued

PHOTOCASE

#3939.....\$74.95

NOW WITH DICED FOAM! Ikelite PHOTOCASE provides the means for conveniently packing your equipment together in a sturdy and reasonably priced carrying case.

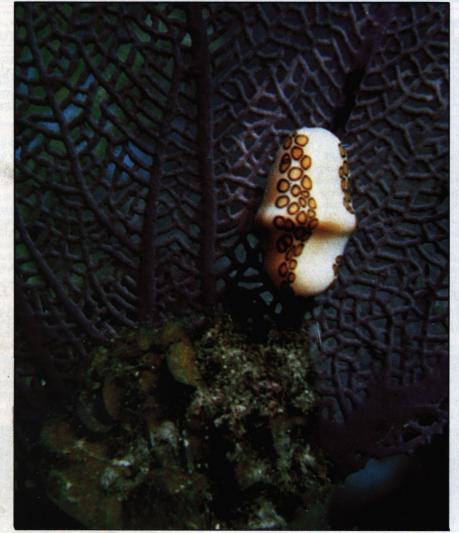
Our PHOTOCASE is constructed of double walled high density polyethylene with heavy duty hinges and latches. DICED FOAM is included with the PHOTOCASE for ease in customizing the interior for your photo gear. Inside measurements are 17" x 13" x 7".

DIE-CUT FOAM INSERTS

Specify from which package\$16.00

Available separately are the same die-cut foam inserts used in our various PHOTOCASE PACKAGES.





DISC PHOTO - ACTUAL 5x7 ENLARGEMENT TAKEN USING DISC CASE WITH CLOSE-UP



DISC PHOTO - ACTUAL 4x5 PRINT TAKEN USING DISC CASE WITH WATER CORRECTING LENS



UNDERWATER SYSTEMS 50 West 33rd Street P.O. Box 88100 Indianapolis, Indiana 46208 (317) 923-4523

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