



STEALTH2 ROV

The Stealth Remotely Operated Vehicle is one of the most versatile ROVs on the market today. Small in size, but definitely not in features and capabilities. The Shark Marine Stealth ROV maintains the adaptability and options of larger system in a smaller, highly portable size. The Stealth ROV comes plug and play ready for such options as scanning sonar, manipulator arm, sub-bottom profiler, and total positioning system. These types of options are rarely, if ever found on vehicles of this size. The size and weight of this ROV system allows for operation from even small boats or inflatables. The system is even portable enough to fly on small aircraft in to remote locations.

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Specifications:

Vehicle Dimensions:	30"L X 22"W X 18.5 inc. handle
Vehicle Weight:	90 lbs. (40 Kg.)
Controller Dimensions:	21"W X 18"D X 9"H
Controller Weight:	44 lb. (20Kg.) (Including Hand Control)
Hand Control Dimensions:	7.5W x 7.5"D x 3"H
Hand Control Weight:	4 lbs. (1.8 kg)
Hand Control Cable length:	15 ft. Standard (longer optional)
Neutral Umbilical Description:	Urethane Jacket with TPR floatation jacket, 1000 lbs. minimum Breaking load
Neutral Umbilical Size:	0.53" diameter (12.7 mm)
Neutral Umbilical Length:	500 ft. Standard (up to 2000 ft. optional)
Neutral Umbilical Weight:	52 lbs. per 500 ft. (20 kg per 150 m), Dry Weight
Horizontal Thrusters:	2 each, 1/3 Horsepower
Vertical Thrusters:	2 each, 1/3 Horsepower
Lighting:	2 each 150 watt quartz - Variable control
Camera:	High resolution Colour 450 TV line (others optional)
Camera Motion:	180 degrees viewable (pan optional)
On Screen Display:	Depth, Heading, Date, Time, Title (Others optional)
Scanning Sonar:	Pre-wired for Plug & Play (Sonar optional)
Depth Rating:	1000 feet (300 m)

Options:

Scanning Sonar:	variable frequency system, 285KHz to 1.1MHz, 200 metre range (requires Laptop or PC computer)
Sub-Bottom Profiler:	10-30 KHz, 20 Degree Cone Angle (requires laptop or PC computer)
Manipulator Arm:	1 or 2 function
Track-Point System:	Displays range & bearing to ROV
Total Positioning System:	Works with Track-Point system to display and track ROV with DGPS co-ordinates (requires laptop or PC computer)
Laser Scaling Unit:	2 or 4 laser system for scaling targets
Ultra low light B&W Camera:	.0002 Minimum illumination, 570 TV lines