

UNDERWATER ROV



The potential ROV is a remarkable underwater robot, plays a vital role in natural calamities, hazardous areas, and rescue operations. With its advanced navigation, it deftly maneuvers through challenging waters, locating and rescuing survivors in submerged environments. Additionally, its detailed inspections help assess damage to underwater structures, facilitating prompt repairs. In disaster response, environmental conservation, and ensuring safety, the ROV is an essential asset, providing invaluable assistance in critical situations. Its multifunctional features make it an indispensable tool for navigating underwater environments and carrying out complex rescue and recovery missions.

APPLICATION

- Oil & Gas Pipeline and Infrastructure Integrity Monitoring
- Commercial Salvage Operations
- Construction of Subsea Tunnels and Bridges
- Marine Research and Monitoring
- Dams, Reservoir & Gates Inspections
- Hull Cleaning
- Underwater Dredging Survey



ROBOT FEATURES

		POWER
Thrusters	8 (Vectored configuration)	Battery Capacity
Dimension	630×800×360 [mm]	Li-ion - 72 Ah (4 - 4.5 Hrs Runtime)
Weight	47 Kg	
Material	Non corrosive composites	Terrestrial Power
Max Speed	1.4 m/s	3.5 Kw (Continuous Operation)
Payload	10 Kg	
Power	Battery / Terrestrial	
Control	Manual + Autonomous	

GROUND CONTROL STATION

(COMPACT CONTROL SYSTEM WITH DIVERSE INTERFACE OPTIONS)

Display	2×21.5" Sun Readable Displays
HID	2 x 3-axis Joystick with push buttons
Dimension	1210 x 420 x 340 mm
AC Input	50/60 Hz 100-240 VAC
DC Output	700 VDC Up to 3.5 Kw

ADD-ONS

- Side Scan Sonar
- DVL
- MultiBeam Sonar
- USBL
- Laser Scaler
- Ultra Sonic Thickness Gauge
- Gripper
- Spool