

# 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

Thrusters	8 (Vectored configuration)
Dimension	630×800×360 [mm]
Weight	47 Kg
Material	Non corrosive composites
Max Speed	1.4 m/s
Payload	10 Kg
Power	Battery / Terrestrial
Control	Manual + Autonomous

## POWER

Battery Capacity	Li-ion - 72 Ah (4 - 4.5 Hrs Runtime)
Terrestrial Power	3.5 Kw (Continuous Operation)

## 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