

Observation ROV



Powerful things come in small packages

Mojave is the most powerful observation ROV for its size. Compact, ergonomic design and light weight construction allow for rapid set up and deployment using any domestic power supply. With world beating subCAN control & diagnostics system and proven thruster reliability, Mojave sets the standard by which the competition will be judged.

- 300m Depth Rating
- LED lighting as standard
- 5 x SPE-75 DC Thrusters
- 110-230VAC Single Phase
- Auto Position / INS Options
- Excellent payload options available
- Graphic User Interface (GUI) Control
- 53 Kg Horizontal 26 Kg Vertical Thrust
- Choice of Manipulators / Tooling
- Auto Heading and Depth
- Simple maintenance and operation

Mojave can be supplied with a complete range of specialist tooling / sensor skids for use Offshore or Inshore Oil & Gas, Scientific, Port Security, Military, Civil Engineering and numerous other applications.

Mojave System Specification

Observation ROV

Technical Specification

Length (mm)	1000
Width (mm)	600
Height (mm)	500
Depth Rating (m)	300
Weight in Air (Kg)	85
Payload Capacity (Kg)	12
Power (Kw)	3.6
Thrusters Horizontal (mmØ)	4 x SPE75
Thrusters Vertical (mmØ)	1 x SPE75
Bollard Pull (Nominal)	
Forward (Kgf)	53
Lateral (Kgf)	53
Vertical (Kgf)	26
Surface Speed (Nominal)	3.5 Knots
Spare twisted pair for additional equipment	
CAT 7 tether available	
Low voltage DC Power +5VDC / +12VDC / +24VDC	

Sensor Range

- Camera Tilt Unit with Basic Camera
- LED Lighting
- Depth Transducer
- Recovery Lift Point
- Additional Equipment Connector
- Altimeter Connector

Operational Equipment

- Second Camera
- Acoustic Camera
- Sonar (various options)
- Altimeter
- CP Probe
- Various electric and hydraulic manipulator options
- Client junction box for quick change out of equipment
- Cleaning Brush
- Acoustic Transponder
- Recovery Beacon and Flasher
- Recovery Bullet & Lock Latch
- DP / INS Skid

Auto-Positioning Features

- Controlled by subCAN in conjunction with DVL and gyrocompass
- Hands off auto position
- Waypoint following to a predetermined route
- Return to location memory function
- Station Keeping in moving water

The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.

SU1028.02.20

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