

ROV 2000 Model

"OUTLAND 2000". 300 meter rated. Now with LED lights. The ROV utilizes brushless DC, magnetically coupled thrusters. Outland designed a control system around these thrusters to maximize the power. Tilting Camera uses High Resolution Colour 750 line .001 lux in one small package. The ROV can now use a 300 Metre tether. Standard system comes with 150 Metres



CON-1050, Contains 15" 1700 nit LED monitor, 4 channel DVR for recording video with and without overlay. On screen data includes time, date, text as well as Heading (Graphic and digital), turns counter, depth in feet or meters, salt water or fresh. Diagnostics screen included also. All in a 4u weather resistant case.

PU-1080, 300 VDC power supply in separate 2u weather resistant case. Contains, LIM and GFCI circuits for protection. Also amp meter to see power draw... 110-240 VAC 50 or 60 Hz.





FEATURES:

- * 4 ea. 1 hp Thrusters (18.6 Kgs. thrust ea.)
- * UWC-360, tilting, Fixed Focus Colour (750 line .001 lux) forward camera.
- * UWC-325/p/otirov, Fixed Colour (750 line .001 lux) rear camera.
- * 2 EA. UWL-500, NEW HIGH POWERED LED LIGHTS
- >>>>>>>>> * C-3405, 150m. Neutrally Buoyant, tether w/all connectors
- * Consoles, Power supply, Joy-Stick, Keyboard, 15" 1700 nits Monitor.
- * Depth and Compass Video Overlay.
- * Auto-Hover/Heading.

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SPECIFICATIONS:

Mechanical:

- * Size: 700mm Long x 450mm wide x 425mm high.
- * Weight: 25Kgs.
- * Thrust Forward 82Kgs.
- * Payload up to 2.5Kgs. (More with extra Flotation)

Electrical:

- * 115/230 VAC 50/60 Hz. input 30/15 amps to Power Supply.
- * 300 VDC down to vehicle from Power supply.
- * Lights, 3200 LUX at 1 Meter, 100 degree wide by 220 degree vertical lighting, intensity controlled. (ea. light).
- * 3 axis control of vehicle.
- * Digital Compass.
- * Rotational Gyro.
- * Depth Transducer.

Cable: (Standard)

- * C-3405, Standard 300metres of tether (Neon Green)
- * .55" dia., 450Kgs breaking strength.
- * Neutral in Sea water.
- * 4.5Kgs. dry per 30 metres
- * Spare twisted pair included in ROV tether

This pair can be used for many things including:

- * CP probe.
- * CTD PROBE
- * Strobe trigger
- * Second live video camera. (Second monitor required)
- * Ultrasonic Thickness gauge
- * Laser measurement system
- * Many other application

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