



Culkin House,
C8 Endeavour Business Park,
Penner Road, Havant,
Hampshire PO9 1QN

T: +44 (0)2392 488240
E: osil@osil.co.uk
W: www.osil.co.uk

TECHNICAL DATA SHEET



SYSTEM COMES COMPLETE AND READY TO GO

- **LOW COST, HIGH PERFORMANCE**
- **500 FOOT DEPTH RATING**
- **COLOR CAMERA WITH AUTO IRIS**
- **50 DEGREE WIDE ANGLE LENS, 70 DEGREE TILT**
- **13 inch COLOR MONITOR**
- **400 WATT TUNGSTEN HALOGEN LIGHTING**
- **FOUR MOTORS, VARIABLE SPEED, REVERSIBLE**
- **2 MPH FORWARD SPEED**
- **HIGHLY PORTABLE SYSTEM**
- **GROUND FAULT AND LEAK DETECTION CIRCUITRY**
- **TWO YEAR WARRANTY**



SeaOtter Remote Operated Vehicle

The SeaOtter ROV is a completely mobile underwater camera system capable of moving in any direction. Perfect for pipeline work, river and ocean searches, and the inspection of hazardous sites. The ROV allows a diving operation to dramatically reduce deep water search time. With the SeaOtter your team can locate, inspect, and video tape a target without entering the water.

The ROV has a sophisticated four motor propulsion system; two motors for forward and reverse, and two motors for vertical and lateral thrust. All motors are reversible and operate at variable speeds of up to 2 mph. Four meters on the control panel monitor thrust and direction for each motor.

The SeaOtter sends its video picture to a topside 13 inch high resolution color monitor. A VCR can be connected to the monitor to make a permanent record. The color camera has a 6mm wide angle (50 degree) lens. The camera's 70 degree tilt allows a full 120 degree viewing angle. Illumination is provided by four, 100 watt remotely controlled tungsten halogen lamps.

The system is highly portable and very "user friendly". With the optional spare parts kit, the ROV is completely field maintainable. Carrying case is included. *JW Fishers* SeaOtter ROV system represents a major breakthrough in cost/performance for a commercial grade ROV. This high performance system competes with systems costing more that twice as much. The SeaOtter is covered by a TWO YEAR WARRANTY, the longest in the industry.

SPECIFICATIONS

DIMENSIONS/WEIGHTS:

- SeaOtter 36"L x 22"W x 17"H 83 lbs.
- Control Box 14"L x 10"W x 6"H 9 lbs.
- Cable 7"D x 250'/500'L 50/100 lbs.
- Monitor 13"L x 14"W x 13"H 18 lbs.

PERFORMANCE/DESCRIPTIONS:

- Camera/Lens CCD color camera/6mm 50 deg wide angle lens, 70 degree tilt, auto iris, remote focus.
- Monitor 13 inch high resolution color.
- Lights Four 100w tungsten halogen, 200/400w switchable.
- Motors Four DC PM type, reversible, variable speed, proportional controlled, 6+lbs. thrust each motor, 2 mph+ speed.
- Operating Depth 500 feet.
- Color Yellow/black.
- Sealing Five separate housings, O-ring sealed, a leak detector in each housing, motors use "no maintenance" rotary seals.
- Power Req 120 vac, 9 amps, 800w max.

OPTIONS

- 500 foot cable
- Digital Compass
- Spare parts kit
- Crash cage
- On screen display
- High resolution (470L) camera
- u/w connectors at ROV
- Attached metal detector
- Manipulator arm
- 220vac (Europe)
- PAL camera and monitor (Europe)