



## **Medusa MLP ROV Specifications**



### **General**

Weight in Air	3000 kgs dry
Weight in Water	91 kgs positive
Dimensions	Length: 2.4 m Width: 1.8 m Height: 1.8 m
Maximum Operating Depth	6,000 m

### **Vehicle Description**

- Vehicle Power – 12 hp
- 4 Axial / lateral thrusters
- 2 Vertical thrusters
- 1 Prizm Mini Mux fiber optic multiplex system
- 1 DSPL Color Video CCD Super SeaCam with 12X auto focus zoom
- 1 DSPL Black & White Video CCD Multi-SeaCam with fixed focus
- 10 Configurable 1200 watt HMI lights
- 2 Remote Ocean Systems 250 watt lights (variable-intensity)
- 1 Pan and Tilt unit
- 1 Simrad 900D scanning sonar
- 1 KVH Compass
- 1 Simrad altimeter - 0-100 m
- 1 Depth sensor - 0-10,000 psi pressure transducer (+/- 0.5%)
- 1 1 KW hydraulic power pack
- 1 Hydraulic Load Release - 545 kg capacity
- 3 Rotary actuators for cameras and sonar
- 1 35mm still camera (optional)

### **Ancillary Equipment**

Integrated Winch and A-Frame System with 6,700m of Rochester Fiber Optic Umbilical - Three (3) Single Mode Optical Fibers and Three (3) Power Conductors

Three (3) Single Pass, Single Mode Focal Slip Ring

Control and Work / Spares Vans