



Inspection/Light Work Class ROV

Seaeye Panther 905

The Seaeye Panther ROV system are depth rated to 1.500 m and were the first of a new Generation of electric powered work class ROV's. Powered by four vectored and two vertical SM5 brushless DC thrusters. Panther is ideal vehicle for survey and drill support operations.

Seaeye Panther 905-System Highlights

- System capable of conducting wide range of operation including Survey, Inspection, Environmental Sampling, Drill Support and Light Construction.
- Capable of working in currents up to 2.5 Knots.
- System includes LARS with caged TMS (tether length of 100 m)
- Pay load capacity of 90 kg
- Fiber optic video and data multiplexer
- Full set of optional survey and tooling equipment, including digital video recording System.

Inspection / Light Work Class ROV Seaeeye Panther 905-System Specification

Vehicle Specifications

Depth Rating: 1,500 m
Length: 1.6 m
Width: 1.0 m
Height: 1.1 m
Weight: 330 Kg
Forward Speed: 2.5 knots
Forward Thrust: 110 kgf
Lateral Thrust: 85 kgf
Vertical Thrust: 75 kgf
Payload: 90 kg

Propulsion

6 x SM5M Thrusters

Auto-Functions

Heading Control
Depth Control

LARS with WINCH

Length: 5.9 m
Width: 2.75 m
Height: (to lift eye): 2.25 m
Weight: 8 Tons
A-Frame Outreach: 2.5 m

Umbilical Length: 1,000 m
Umbilical O/D: 31 mm

TMS (Seaeeye Type 3)

Length: 1.7 m
Width: 1.4 m
Height (to lift eye): 2.25 m
Weight (in air): 1.4 Tons
Depth Rating: 1,500 m
Tether Length: 150 m

Power Requirements

440V, 3 Φ , 50/60 Hz, 80 kVA

Camera

1 x Seaeeye Color Camera
1 x Seaeeye Black and With Camera

Compass & Rate Sensor

Accuracy +/- 1 degrees
Resolution 0.351 degrees
Update Rate 125 mS

Pitch and Roll

Manufacturer: MDL Laser Systems
Model: Trim Cube

Sonar

Manufacturer: Tritech
Model: Super Seaking DST
Frequency: 325 & 675 kHz

Survey Interface

1 x Seaeeye Sniffer PC

Optional Equipment

Boom arms with Cameras
Tritech Profilers
CP probe
UT probe
Underwater Gyrocompass

Manipulators

2 x Hydro-leak HD5 five-function