

SUB-fighter 10k



- ROV designed for tough conditions
- Reliable and well proven design
- Quick and easy mobilization
- Very good stability
- Plenty of power
- Interface for standard tools
- Quality at an affordable price
- Require a minimum of maintenance
- Made in Norway



STANDARD ROV SYSTEM

Vehicle	LWH 1600 x 810 x 890 mm.
Frame	Aluminum, black anodized
Housings	3 x electronic pressure bottles
Weight in air	410 kg (approx)
Payload	20 kg. (approx)
Standard working depth	700m. (other options available)
Buoyancy	Solid cell structure
Power input	230/400/440/690 VAC , 3 phase, 10 kW.
Thrusters	7 thrusters with 2 Hp, pressure compensated, each 400 - 450 N,
Speed, approx.	Horizontal 3,5 knot, Vertical 1.1 knot Lateral 1.3 knot, Turn 90 deg/sek
Camera	Standard camera, Low light colour camera 520 TV lines, 0.1 lux.
Lights	2 x 250W halogen light, 4 x light interfaces, 3 channel light dimmer Interface for 4 x halogene, LED and HMI gas light 2 x 400W
Pan/ Tilt	Tilt angle 90 degrees, Pan angle 45 degrees
Sensors	100 bar depth sensor, fluxgate compass, rategyro leakage detectors
Auto functions	AD, Auto depth, AH, Auto heading
Telemetry	Focal 907, Fibreoptic multiplexer, 3-5 video channels, 6 x RS 232/485 channels Optional: HD-video, Ethernet, USB link, others

Specifications are subject to change

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SURFACE EQUIPMENT

ROV CONTROL UNIT

Splash proof 19` rack with PC and 17" monitor.

Vigra overlay system.

Data presentations with text and graphical overlay.

Connections for umbilical, sonar, remote control, RS 232/485 communication ports

Height 640 mm Width 540 mm

Length 600 mm. Weight 72 kg.

TRANSFORMER UNIT

Splash proof aluminum cabinet

Power input 220/400V, 50HZ, 3phase, 10kW.

Power transmission line 2500V AC.

Digital power analyzer

Fuses and ground fault system

Connections for umbilical.

Height 600 mm.Width 600 mm.

Length 600 mm.Weight 120 kg.

REMOTE CONTROL

ROV pilot control console with two XYZ joysticks for thrusters control.

Switches for camera, light, manipulator, remote functions on ROV, and other external functions.

Height 200 (400) mm Width 210 mm.

Length 430 mm. Weight 4 kg.

Tether cable

Kevlar armoured cable.

Length 5000 meters.

Weight in air 260 kg/km.

Weight in seawater approx 0 kg/km.

Outer diameter 18 mm. (approx.)

Break strength 12000 N

Foamed PE jacke

ADDITIONAL EQUIPMENT

- Survey channels, RS 232, RS 485
- Lights, halogene, LED, HMI gas light
- HD camera
- Black/White super low light
- Colour zoom camera
- Video exchange
- Laser
- Sonar
- Navigation, HPR
- Electric manipulator/ropecutter
- Hydraulic Manipulator
- Tether storage winch
- Copper telemetry available
- Several other equipment available