

# SUB-fighter 7500 fiber

- 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



<b>Vehicle</b>	LWH 144 x 82 x 81 cm
<b>Frame</b>	Anodized aluminium
<b>Housings</b>	2 x 1 ata.
<b>Weight in air</b>	340 kg
<b>Payload</b>	20 kg approx.
<b>Max depth</b>	700 m. (3000 m)
<b>Buoyancy</b>	Solid cell structure
<b>Power input</b>	230 / 400 / 440 / 690 VAC, 1 or 3phase 10 kW
<b>Thrusters</b>	Horizontal 2 x 2000W, Vertical 2 x 2000 W, Lateral 1 x 2000 W, Thrust 400 – 450 N Electronic resettable overcurrent protection
<b>Speed approx.</b>	Horizontal 2,8 knot, Vertical 1.9 knot Lateral 1,3 knot, Turn 60 deg/sec
<b>Pan /Tilt</b>	Pan 45 degrees, Tilt 90 degrees
<b>Cameras</b>	4 x camera interfaces, Low light colour camera, PAL 450 TV lines 0,1 lux.
<b>Light</b>	2 x 250W halogen light, 3 channel light dimmer Interface for, halogene, LED and HMI gas light 2 x 400W
<b>Sensors</b>	100 bar depth sensor fluxgate compass leakage detectors
<b>Auto functions</b>	Auto depth, Auto heading, Digital control of thrusters and lights
<b>Telemetry</b>	Focal 907, Fibreoptic multiplexer, 3-5 video channels, 6 x RS 232/485 channels Opional: HD-video, Ethernet, USB link, others

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### SURFACE EQUIPMENT

#### ROV CONTROL UNIT

Splash proof 19` rack PC and 17" monitor.  
Vigra overlay system.  
Data presentations with text and graphical overlay.  
DVD and HDD video PC recorder Connections for umbilical, sonar, control console, RS 232 communication ports

Height 640 mm, Width 540 mm,  
Length 600 mm, Weight 72 kg.

#### TRANSFORMER UNIT

Splash proof aluminium cabinet  
Power input 230V 50 HZ. single phase, 10kW.  
Transformer 230 V / 990 V AC.  
Digital instruments, Volts, Amps and HZ.  
Fuses and ground fault system  
Connections for umbilical.

Height 340 mm, Width 370 mm,  
Length 570 mm, Weight 50 kg.

#### REMOTE CONTROL

Glass fibre portable console.  
ROV pilot control console with two XY 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

Kevlar armoured cable.  
Length 0-1000 meters.  
Weight in air, approx.230 kg/km  
Weight in seawater neutral  
Outer diameter approx 16-18 mm.  
Power conductors  
2 or 4 x single mode fibre  
Break strength 800 kg

#### ADDITIONAL EQUIPMENT

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