

# SUB-fighter 7500 CROV

- 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



## STANDARD ROV SYSTEM

<b>Vehicle</b>	LWH 1200 x 930 x 830 mm
<b>Frame</b>	Anodized aluminium
<b>Housings</b>	2 x 1 ata.
<b>Weight in air</b>	310 kg. App. Ex. transformer
<b>Payload</b>	20 – 50 kg. approx.
<b>Standard working 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/sek. Crawling 600 m/h.
<b>Camera</b>	4 x camera interfaces, Low light colour camera, 520 TV lines 0,1 lux
<b>Pan /Tilt</b>	Pan 45 degrees, Tilt 90 degrees
<b>Light</b>	2 x 250W halogen light, 4 x light interfaces, 3 channel light dimmer Interface for, halogene, LED and HMI gas light 2 x 400W
<b>Sensors</b>	100 bar depth sensor fluxgate compass, rategyro, moist sensors
<b>Auto functions</b>	Auto depth, Auto heading
<b>Telemetry</b>	Focal 907, Fibreoptic multiplexer, 3-5 video channels, 6 x RS 232/485 channels Optional: HD-video, Ethernet, USB link, others

## SUB-fighter 7500 CROV

### 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, 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 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

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 fiber  
 Break strength 800 kg

#### 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.