



ROV "SubFighter 7500"



Particulars

Vehicle:	LWH 140 x 81 x 87 cm.
Frame:	Aluminium
Housings:	2 x electronic pressure bottles
Weigh:	395 kg. (approx.) complete vehicle Standard outfit
Payload :	20 kg. (approx)
Max. depth:	800 m.
Buoyancy:	Solid cell structure 1000 msw

Power input: Customer specified, 6-10 kW. 230 V AC, 50Hz, 32 Amp.

Options:	Other voltages
Thrusters:	5 thrusters 2 Hp, pressure compensated, each 300 - 340 N, Automatic electronic resetable overcurrent protection for thrusters
Speed:	Horizontal 2,8 knot Vertical 1.2 knot Lateral 1.3 knot Turn rate 60 deg/sec.
Camera :	1 x standard camera color CCD, 460 TV lines, 0.1 lux. 1 x Zoom camera 480 lines, 1 lux
Optional :	3CCD camera
Viewing P/T:	P/T -2000, Pan angle 0-90 degrees Tilt angle 0-120 degrees
Light:	4 x 250W halogen light, 4 channel light dimmer
Option:	HMI gas light
Sensors:	150 bar depth sensor Fluxgate compass Water ingress detectors
Other:	Auto depth Auto heading Digital control of thrusters and lights

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SURFACE EQUIPMENT

Power control:

Height 34 cm. Width 37 cm. Length 57 cm. Weight 39 kg.

Splash proof aluminium cabinet

Power input of 220 V 50 HZ. 1 phase, 9 kW. Transformer 220 V to 990 V AC. Digital instruments for, Volts, Amps and HZ. Fuses and ground fault system Connections for umbilical.

Surface viewing:

Height: 64 cm

Width : 54 cm

Length: 60 cm.

Splash proof 19" rack with PC and 14" monitor.

Vigra Option overlay system and data presentations. Depth, date, time, heading, twist counter, video grabber and screen writer.

Video TWP receiver, Connections for umbilical, sonar, control console, RS 232 communication ports

Control console:

Height: 40 cm

Width 21 cm

Length 43 cm.

ROV pilot control console with two XY joysticks for thruster control.

Umbilical :

Kevlar armoured cable. Length 0-1000 meters

Options

Sonar

HPR underwater positioning system

Auto altitude

Belt module

Manipulators

HP water cleaning system

Rotating brush system

Water jetting pump

TMS and LARS

Sub Bottom profiler

NDT equipment to measure steel thickness etc.

Wire cutting equipment

Customer specified equipment

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