



SUB-fighter 10K

- Tunnel inspection ROV
- Reliable and well proven design
- Quick and easy mobilization
- Very good stability
- Plenty of power
- Interface for standard tools
- Made in Norway



SPECIFICATION SUB-fighter 10K

Vehicle LWH 160 x 81 x 89 cm.

Frame: Aluminium

Housings: 3 x electronic pressure bottles,

Weight in air: 410 kg

Payload : 20 kg. (approx)

Max. depth: 350 m.

Buoyancy: Solid cell structure

Power input: 400 VAC , 3 phase, 10 kW.

Thrusters: 5 thrusters with 2 Hp, pressure compensated, each 300 - 340 N,

Speed Horizontal 4,0 knot
Vertical 1.1 knot
Lateral 1.3 knot
Turn 90 deg/sek.

Lights: 6 x 250W halogen lights
4 channel light dimmer
2 x 12V gas light

Camera 1-4: PAL colour CCD
460 TV lines, 0,1 lux.

Zoom camera
480 lines, 1 lux

Viewing P/T: P/T –2000
0-90 deg pan and tilt angle

Sensors: 40 bar depth sensor,
accurate 0.15%

Profiling sonar
Scanning sonar

fluxgate compass,
resolution 0.1 deg

leakage detektor

Auto function: Auto depth
Auto heading
Auto altitude (option)

SPERRE A.S

Notodden Næringspark
Postboks 44
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SURFACE EQUIPMENT

Power control:

Height 60 cm.
Width 60 cm.
Length 60 cm.
Weight 120 kg.

Splash proof aluminium cabinet
Power input 220/400V, 50HZ, 3phase,
10kW.
Power transmission line 2500V AC.
Digital power analyzer
Fuses and ground fault system
Connections for umbilical.

Surface viewing:

Height 64 cm
Width 54 cm.
Length 60 cm.
Weight 72 kg.

Splash proof 19" rack with PC and 14" monitor. Viga Option overlay system and data presentations. Depth, heading, date, time, twist counter, video grabber and screen writer.
Connections for umbilical, sonar, control console, RS 232 communication ports

Control console:

Height 20 (40) cm
Width 21 cm.
Length 43 cm.
Weight 4 kg.

Cabinet, glass fibre portable console
ROV pilot control console with two XYZ joysticks for thrusters control.

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

Umbilical :

Kevlar armoured cable.
Length 0-4000 meters. Optional 10 000m
Weight in air 260 kg/km.
Weight in seawater approx 0 kg/km.
Outer diameter 18 mm.
Braking strength 12000 N
Foamed PE jacket

Additional gear:

Manipulator
Auto altitude
Customer specified gear

