

SURVEY ROV (SROV)

KYSTDESIGN | SURVEYOR INTERCEPTOR



SURVEYOR INTERCEPTOR DATA



SPECIFICATIONS

Depth Rating:	2 000 m
Payload:	700 kg
Height:	1 200 mm
Length:	5 500 mm
Width:	2 000 mm (3 600 mm with wings)
Mass in Air:	4700 kg
Propulsion:	220HP power pack 4 x SA420 Longitudal 2 x SA380 Lateral 3 x SA380 Vertical
Speed:	8 knots

MAX THRUST @ 0 KNOTS WITH ZERO VOLTAGE LOSSES

Forward:	1680 kgf
Reverse:	1360 kgf
Lateral:	640 kgf
Vertical:	960 kgf

MAX VELOCITY/OPERATIONAL CURRENT (ZERO TETHER EXCURSION)

Forward:	4.1 m/s (8 knots)
Vertical:	1 m/s (1.9 knots)
ROV Power Requirements:	440V/60Hz/500kVA

FITTED EQUIPMENT

Multibeam Echosounder:	Kongsberg 2040 Quad (200-400 kHz) Dual Ping
Side Scan Sonar:	Edgetech 600/1600 kHz 2205 (DF MP 600)

Sub-bottom Profiler:	Edgetech DW 106 1-10 kHz
Obstacle Avoidance Sonar:	Blueview M900
LED lights:	4 x 7 000 lumen Cathx Aphos
LED light flashes:	6 x 28 000 lumen Cathx Aphos
Cameras Center, Port and Starboard:	CathxOcean M12-A1000 UHD (12.3 MP)
Triangulating Laser:	CathxOcean green 30° laser
Underwater Lasers for Dimensioning:	Dual Sealaser 100 with bracket
Video Camera:	CathxOcean
Gyro/INS:	IXSEA ROVINS/ Sonardyne Sprint
DVL:	LinkQuest NavQuest DVL P (600 kHz)
Altimeter:	Tritech PA500 (500 kHz) 0-10 m and 0-50 m range
Sound Velocity Sensor:	Valeport miniSVS
CTD Probe:	Valeport miniCT
Pressure Gauge:	Valeport IPS 0.01%
Auxiliary Hydraulic System:	10 x NG3 proportional directional valves

OPTIONAL EQUIPMENT

700 kg Unused payload available for special equipment
Gradiometer and pipe racking systems

