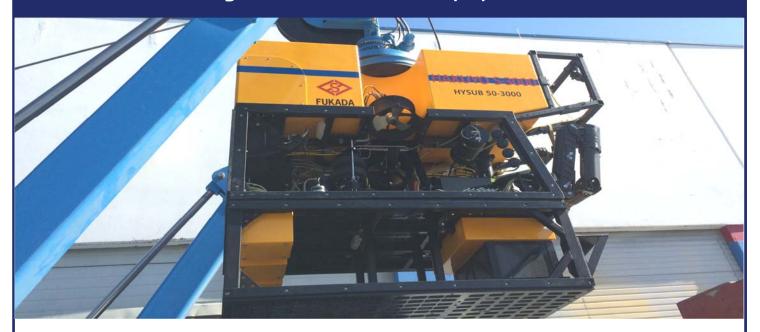


ISE HYSUB 50 HP

3000 M Light Work-Class Remotely Operated Vehicle



ISE's HYSUB family of ROV's provide a highly flexible platform that can be tailored to meet unique mission requirements. The HYSUB-50 version exemplifies this adaptability delivering proven work-horse power and reliability in a compact form factor. The HYSUB's capabilities have evolved over its 40 year history while incorporating ISE's experience as a world leader in subsea robotics. The HYSUB-50 is the ideal tool for subsea inspection, intervention and survey operations.

Vehicle Specifications

Depth rating	3000 m
Power pack	50 HP
Dimensions	2.6 x 1.2 x 1.5 m <i>(without skid)</i>
Weight in air	2500 kg (<i>without skid)</i>
Payload	150 kg
Through-frame lift	500 kg
Bollard pull	370 kg
Umbilical	3200 m
Hydraulic thrusters	6 x 12 inch in an XYZ
	configuration
	2 x vertical + 2 x fore/aft + 2 x
	lateral
Control system	ISE ACE
Auto functions	Heading, depth, altitude and cruise
Manipulators	1 x Orion 7F + 1 x Magnum 7F

Standard Equipment

Scanning sonar	lmagenex 881a	
Altimeter	Imagenex 864	
Depth sensor	Paroscientific 8000 series	
Compass	Fluxgate	
Cameras	1 x HD color zoom	
	1 x low light	
	4 x SD color	
Lights	6 x high intensity LED	
Pan and tilt	Hydraulic	
Beacons	RF and strobe	
Wireless belly-pack		
Configurable light bar that can accommodate samplers		

Optional Items

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Tether Management System (TMS)	
Dynamic positioning (with the addition of a DVL)	
Cable and rope cutter	
USBL positioning system	
ISE also offers a complete line of subsea tools and samplers	
Tool skid w/ manipulator mounts and retractable basket	
Additional payloads, sensors and sonar available upon request	