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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	Imagenex 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

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