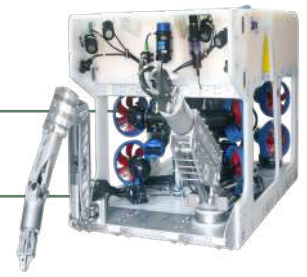


Specification— Work Class ROV

Monew



◆ Product Features

Engineered for heavy weather conditions and designed to withstand strong currents, the Monew features an open layout that accommodates a variety of components, including manipulators and sonars. It is capable of integrating the latest tools and instruments, making it a reliable and safe choice for extreme weather conditions. The Monew is suitable for a wide range of deep-water tasks.

◆ Vehicle Information

※ All product descriptions and specifications are subject to be changed without notice.

Specification	
Dimension (L x W x H)	2,100 x 1,300 x 1,200 mm
Weight in air	800 kg
Depth rating (Standard)	1,000 m
Depth rating (Optional)	3,000 m
Payload	180 kg (adjustable)

Vehicle Manipulators and Tooling	
Manipulator	Up to 5-axis or 7-axis manipulators x2 (optional)
Wrist camera assembly	SD Camera x1 (optional)

Vehicle Control and Navigation	
Automatic control	Optional
Heading Sensor	Standard
Altitude Sensor	Optional
Depth Sensor	Standard
Obstacle Avoidance Sonar	Optional

◆ Application

Offshore Wind Energy, O&G, Nuclear, Military & Defense, Marine Inspection & Repairment

Vehicle Power and Performance	
(Propulsion) Horizontal thruster	DWT135D4 x 4
(Propulsion) Vertical thruster	DWT135D4 x 3
(Thrust) Forward/reverse	254 kgf
(Thrust) Lateral	254 kgf
(Thrust) Vertical	273 kgf

Vehicle Cameras and Lighting	
Camera	HD x1 (standard) PTZ module Up to SD x4 (optional)
Lighting (Standard)	80W x2

Vehicle Power and Data Interfaces	
Data links	Optical Fiber
Power	Input (VAC): 380 - 440 V Three - Phase 50/60 Hz Output (VDC): 550V (Thruster)(60kW) / 300V (Electronic)(3kW)

Tether Management System (TMS)	
Type	Top-Hat
Electro-optical tether	200 m
Camera (Standard)	SD x2
Camera (Optional)	Up to SD x4
Lighting (Standard)	23W x2
Lighting (Optional)	Up to 23W x4
Optional	USBL/Current meter/ Sonar/Depth

- Launch and Recovery Systems (LARS): Optional