







# INSPECTOR

The Inspector is a light observation class ROV ideal for survey, aquaculture and inspection, available depth ratings down to 1000msw.

ARGUS REMOTE SYSTEMS

-  **Power:** 3kW / 4HP
-  **Depth rating:** 1000msw
-  **Dimensions:** 0.9m x 0.65m x 0.5m
-  **Weight in air:** 100kg
-  **Payload:** 10kg
-  **Lift capacity:** 25kg through frame



## Light Observation Class ROV



REMOTE  
SYSTEMS

ARGUS REMOTE SYSTEMS AS

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# INSPECTOR

The Argus Inspector is a light observation class ROV ideal for survey, aquaculture and inspection, available depth ratings down to 1000msw.

Argus offers complete ROV systems for various applications, which includes control, workshop containers, fully electric TMS, and Launch and Recovery System with AHC. The Inspector ROV is available with DC thrusters.

GENERAL	
Power	3kW / 4HP
Depth rating	1000msw
Dimensions	0.94m X 0.65m X 0.5m (dependent on depth rating)
Weight	110kg
Payload	10kg
Through frame lift	25kg
Thrusters	4 horizontal and 2 vertical
Manipulators	Hydraulic or electric manipulators
TOOLING AND MANIPULATOR HPU AND VALVES	
HPU for manips	0.7kW, 1lpm, 80bar (skid required)
HPU for tooling	N/A
Valve Packs	5 x 2lpm valves. Other valve configurations available
Filters	The hydraulic oil is filtered through pressure and return filters
Control	The flow is fully adjustable through the topside GUI
BOLLARD PULL & SPEED	
Bollard pull fwd/aft	40kgf
Bollard pull lateral	25kgf
Bollard pull vertical	24kgf
Speed fwd	3.0kts
Speed lateral	2.0kts
Speed vertical	1.5kts
POWER	
Description	A surface transformer converts the vessel voltage of 230VAC. The High Voltage Electric system is equipped with a Megacon Line Insulation Guard system
Input	230VAC 50/60Hz
Output	On the ROV a PFC converter converts the 600VDC down to 135VDC for thrusters and to the electronic subsea bottle
IMCA & NORSOK CLASSIFICATION	
IMCA	II A+B
NORSOK	II A+B

SENSOR, CAMERA AND LIGHTS	
Sensor interfaces	Standard communication channels: 2 x RS-232 channels (RS-485 on request) 1 x Gb Ethernet and 4 x Ethernet channels 24 VDC, and 130VDC available
Camera interfaces	3 x IP HD video channels HD-SDI optional 4K optional
Lights	2 x 130W dimmable LED lights - 11 500 lumens each
Pan & tilt unit	The vehicle is delivered as standard with one tilt unit. The unit have position feedback where actual position is displayed on the GUI

TOPSIDE CONTROL	
As standard, the ROV system is delivered with an operator console. A control chair may be delivered as an option. The video pictures and GUI are displayed on one or two monitors providing maximum flexibility and ease of use.	

CONTROL SYSTEM & AUTO FUNCTIONS	
Control system	The in-house developed Poseidon control system and GUI is the standard control system for all Argus vehicles. The GUI is intuitive, easy to upgrade and allows for remote access, which enables Argus technicians to provide support remotely
Auto Functions	Auto heading, auto depth, auto altitude, DP, WP navigation
Over the Horizon (OTH)	The OTH functionality may be used over a 4G/5G, VSAT, Starlink, or a Kongsberg Maritim Broadband radio link. The high quality video is stored onboard the vessel, where the video signals are streamed to shore for operators use

FULLY ELECTRIC TMS CAGE TYPE (OPTIONAL)	
The Argus fully electric TMS is built in stainless steel and is delivered with the same depth rating as the ROV: <ul style="list-style-type: none"> <li>• 300 meter tether cage</li> </ul> The TMS control system is fully integrated with the Poseidon ROV control system	

CONTAINERS (OPTIONAL)	
ROV Control Container	<ul style="list-style-type: none"> <li>• 20' DNV 2.7-1 certified container</li> <li>• Air conditioned</li> <li>• Fully outfitted with control chairs, and monitors</li> <li>• The container layout is flexible</li> </ul>
ROV Workshop / PDU Container	<ul style="list-style-type: none"> <li>• 20' DNV 2.7-1 certified container</li> <li>• Air conditioned</li> <li>• All power equipment and PDU installed away from crew</li> </ul>

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