

Argus Mini ROV system



- OBS Class ROV 3kW
- 600 meter depth rated
- For Scientific, Military, Offshore, Inshore

Argus Mini ROV system



TECHNICAL SPECIFICATIONS

General

Dimensions:	
Length	: 0.9m
Width	: 0.65m
Height	: 0.5m
Weight	: ca. 80kg
Payload	: 5kg
Frame	: Aluminum
Pods	: Hard anodised Aluminum
Connectors	: Subconn / Seaconn
Buoyancy	: Syntactic foam
Depth rating	: 600msw

Power requirements

ROV/HPU Power input	: 230VAC , 3kW , Single-phase
Thrusters	: 6 x electric, 4 Horizontal and 2 vertical

Performance

Bollard pull fwd	: 40kg
lat	: 28kg
vert	: 24kg
Speed fwd	: 3kn
Speed vert	: 2kn

Surface controls

Power distribution panel	: Insulation Guard for Power Safety
Control Console	: Stand alone panel or Pilot chair
	: Surface Control box

Standard equipment fit

Lights	: 2 x Argus 130W LED Lights, gives 23 000 lumen, 5600 Kelvin in total
HDTV Camera	: 1080i camera
Tilt for camera	: 24VDC
CCD Camera	: CCD Colour camera superwide
Depth sensor	: Keller 0.1%FS
Compass	: Oceanserver Fluxgate compass
Auto functions	: Auto Head Auto Depth Auto Altitude (if Altimeter fitted)
Ethernet channel	: Focal Mux
Isulation Guard	: Megacon

Optional equipment

Sonar	: Tritech, Mesotech or Blueview
Altimeter	: Tritech PA500 or Valeport
Manipulator	: Open/Close
Video overlay	: Options Video logger
Latch for launch and recovery	

Winch 500m capacity



Tether bucket



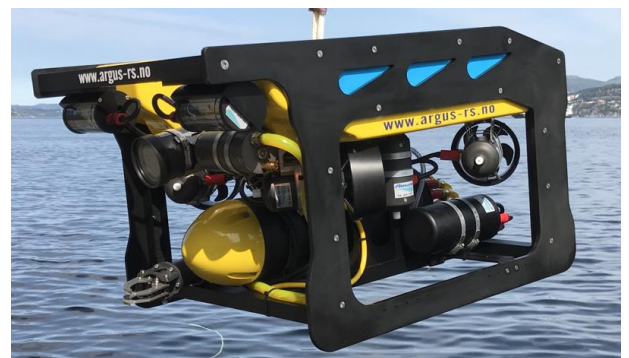
19 inch rack



Control console



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The System will be a 600m Depth rated ROV equipped with 1 x Argus HD camera, 2 x Argus 150W LED Lights, 1 x Argus Tilt with position feedback, 1 x Argus Roll/Pitch sensor, 1 x Oceanserver Fluxgate Compass and a Valeport Depth sensor with a built-in Altimeter.

Surface the system will be delivered with a Portable 19 inch rack.

The Rack consists of Surface control box with Fiber mux system and surface ROV control system, Megacon Insulation guard system, Surface computer with keyboard and mouse, Videologix Proteus Video overlay, HD DVR video recorder, Video splitter that split the monitor into 4 parts and the Power supply for the ROV.

A Control console is connected to the Surface control box.

A 37 inch monitor is connected to the Rack displaying Video camera and ROV GUI.

The Umbilical is supplied with a termination box with fiber connector and power connector so that you can disconnect the Umbilical very easily from the ROV.

The System requires a 16A / 230VAC power input.

Megacon Insulation guard

Videologix Video overlay

Control computer

Surface Control box

Power supply



ARGUS REMOTE SYSTEMS AS



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