

AGEOTEC

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Sirio

Observer Class



NAUTEC Underwater Technologies Division
production and technical assistance



System Dimensions

	ROV	12 U CONSOLLE		WINCH
		w. cover	w/o cover	
Length	590	550	540	696
Width	560	770	570	480
Depth	450	600	590	500
Weight in Air	38.5	-	65.0	32/60*
Umbilical mt	-	-	-	250

*winch chassis only / winch + 250mt umbilical

Operating Depth 300mt

Structure / Frame and Fitting

Modular Chassis manufactured in high impact resistant Polypropylene. This material is totally maintenance free and non-corroding. Any chassis member can be easily replaced and all the additional equipment may be bolted directly onto. Stainless steel load frame and lift points, the pressure housing is manufactured in Aluminium Anticorodal 6060.

Control Unit and SCU / CPU

Pilot monitor and video recorder are fitted in 12U flight-case with the surface electronic control and power supply for vehicle.

Camera

The Colour camera 540 lines (low light auto-switch mode to BW) is fitted inside the electronic POD protected by an hemispherical PMMA high transparency dome.



Video-overlay

The NauTec video-overlay as standard provides digital compass value, date, time, tilt icon position, depth, CP probe value, navigation data input string.

Hp and Propulsion

2 vertical oblique at 40° vectored and 2 longitudinal vectored DC brushless thrusters (no particular maintenance required).

- Downward thrust 15Kg
- Forward thrust 16Kg
- Lateral Thrust 7Kg

Payload

8Kg; it can be increased to 10Kg with optional buoyancy

Buoyancy and Ballast

n. 2 Encapsulated Polyurethane foam block

Power Requirements

200-240VAC single fase
110VAC or 400VAC optional with external insulation transformer
50/60 Hz 3.5KW
(other standard on request)

Optionals:

2nd external camera
Sonar
2F electric manipulator
Transponder installation kit
Contact CP Probe installation kit



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**subject to change without notice*

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www.ageotec.com