



AGEOTEC

powered by  CALZONI

Sirio

ROV "Observer Class" for Visual Inspections



KEY FEATURES

- Operating depth: 300 m
- Dimensions: 590x560x450 mm
- Weight: 40 kg
- Chassis: High Impact Resistant Maintenance Free Polyethylene
- Cameras: n° 1 Color
- Power requirements: 220-240 VAC, 380-410 VAC single phase 50/60 Hz 3 kW
- Payload: 8 kg (up to 10 kg with optional buoyancy)

STRUCTURE /FRAME AND FITTING

Modular Chassis manufactured in high impact resistant Polypropylene, totally maintenance-free and non-corroding. All chassis member can be easily replaced and any additional equipment may be bolted directly onto it. Pressure housings are in anticorodal aluminum 6060

SURFACE CONTROL UNIT

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

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

POWER REQUIREMENTS

200-240 V AC single phase
110 V AC or 400 V AC optional with external insulation transformer 50/60 Hz 3.5 kW (other on request)

VIDEO-OVERLAY

The standard Ageotec video overlay provides: heading, date and time, tilt position, depth, CP probe data, navigation data

PROPULSION

2 vertical oblique at 40° vectored and 2 horizontal vectored DC brushless thrusters (no maintenance required)
· Downward thrust 15 kg
· Forward thrust 16 kg
· Lateral Thrust 7 kg

STANDARD FUNCTIONS

Autoheading and autodepth

PAYLOAD

8 kg standard. Up to 10 kg with optional buoyancy modules

BUOYANCY

n. 2 Encapsulated Polyurethane foam blocks

OPTIONS:

2nd external camera
Sonar
Two functions electric manipulator
Transponder installation kit
Contact Cathodic Protection Probe installation kit

Custom configurations available on request

SYSTEM DIMENSIONS

	VEHICLE	12 U CONSOLE		WINCH
		w. cover	w/o cover	
Length (mm)	590	550	540	696
Width (mm)	560	770	570	480
Depth (mm)	450	600	590	500
Weight in Air (kg)	38.5	-	65	32/60*
Umbilical (m)	-	-	-	250

*winch chassis only / winch + 250 m umbilical



subject to change without notice*

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