

The most compact of the Mariscope ROVs

Mariscope Meerestechnik started the development of ROVs in the early 90s and the first sales of industrial quality ROVS started in 1994. Nowadays Mariscope is one of the very few remaining companies that is still owned by its founder, Christian Haag.

Over the years Mariscope specialized in the manufacturing of customized ROVs, Towed systems, Deep Sea Cameras and Oceanographic equipment.

The product range of ROVs goes from compact systems to work-class units.

Mariscope moreover is the only manufacturer worldwide to give a life time warranty on its systems, without a limitation of working hours.

Stainless steel and aluminum housings, rugged stainless steel frames and complete modular components are just some of the main features of the all electric systems.

Regardless of the MS1 being the smallest ROV of the Mariscope family it remains a full 24/7 usable, industry quality ROV. The propulsion system is the same as for the bigger units.

Specially designed for aquaculture and small salvage operations, this ROV is often used from smaller crafts, Zodiacs and ships of opportunity.

Surface equipment is installed in Pelican cases as to have all the components in rugged and transportable cases. The steering Console is wireless as well as the video transmission from the

main console to the video goggles. The operator can move freely on board of the vessels having also the possibility to work under full sunlight.

Different types of cameras, from standard to full HD, with wide angle or zoom lenses are available.

Some of the ROV features are:

- Auto Depth.
- Auto pilot.
- LED Flood lights.
- Tilting mechanism for Camera and lights.

"Made in Germany, Rugged, Unbeaten"



Highly Reliable
Technology

- Wireless steering console.
- Wireless video transmission to video goggles.
- Brushless thruster, NO COOLING FLUIDS, NO CONTAMINATION.
- Lifetime warranty.
- Large list of additional components.

Contact Mariscope or your local Dealer for Customization of your unit.

“Control Vans, Built in Control stations, Electric Winches and other special equipments available on demand.”

“Mariscope: we build your Ideas”

Technical specifications

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|--------------------|---|
| Dimensions: | 600x400 x400mm |
| Weight: | 25-40Kg depending of equipment. |
| Operating depth: | max. 500m |
| Electric power : | 230V/ AC 1,3Kw |
| Approximate speed: | 3 knots |
| Propulsion: | 2 x 300W horizontal, 1 x 300W vertical. (Shaft output power). |
| Camera: | Full HD or 4K camera options according to actual state of the art camera systems. |
| Light: | High output LED flood light, fixed and on tilting mechanism |

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| Tilting: | Light and camera are tilted simultaneously |
| Umbilical: | Multipolar, highly flexible (PUR) umbilical with Kevlar reinforcement. Breaking strength 2 tons 100 - 500m |
| Compass: | Digital. |
| Depth meter: | Digital. |
| Cable reel: | For 100 – 500m cable with slip rings. |
| Consoles: | Wireless steering and video console, including recording unit & video goggles |
| Stainless steel surface transport push cart. | |
| Accessories: | - Single function manipulator. - Sonar. - Tracking system. Others under request. |



designed,
 engineered &
 made in Germany

