



H300 MKII

300M ROV FOR SUBSEA
INSPECTION & OBSERVATION

- MAN PORTABLE
- POWERFUL WHILE COMPACT IN SIZE
- FULLY EQUIPPED IN STANDARD VERSION
- HIGH PERFORMANCE VIEWING SYSTEM
- MODULAR DESIGN – OPTIONS SIMPLE TO ADD
- EASY ACCESS FOR MAINTENANCE





H300MKII can be equipped with a large range of equipments (Sonar, Manipulator arms, NDT sensors, leak detector...) either incorporated in ROV or within interchangeable skids.



A single and ergonomic control unit allows the control of both the ROV and additional equipments; the umbilical cable is housed on a manual winch, easy to transport, and equipped with a slip ring assembly



make sure

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H300 MKII

300M ROV FOR SUBSEA INSPECTION & OBSERVATION

OPERATIONAL PERFORMANCES

- Movements: in three axis, plus rotation on its own axis
- Forward speed: 3.5 knots (in 0 knot current)
- Operating depth: 300 meters in sea water
- Stability: inherent low center of gravity
- Payload: 8 kg with removal of whole ballast

TECHNICAL SPECIFICATIONS

VEHICLE

General characteristics

- Dimensions (mm): 900 L x 470 H x 600 W
- Weight in air : 70 kg excluding optional equipment
- Material: polypropylene frame, stainless steel fittings

Propulsion

- Horizontal: 2 thrusters; forward thrust: 34 kg
- Vertical: 1 thruster; thrust: 17 kg
- Lateral: 1 thruster; thrust: 17 kg
- Each thruster is equipped with a brushless motor.

Telemetry unit

- Communication through RS485 data unit
- Advanced power management system
- Extra data link for sonar.

Viewing system

Inspection TV camera on Pan & Tilt unit

- 10x Zoom Colour TV camera and two LED lights mounted on Pan & Tilt unit (Pan 140°; tilt 120°)
- Laser beams for 2D measurement

Navigation TV camera

- Low light B/W on top part of vehicle
- Sensitivity: 3.10-4 lux

Headlights VSELED4000

- Two fixed LED lights (4000 lumen), variable intensity

Sensors

- Auto Heading / Auto Depth / Auto Altitude (Optional)
- Other sensors : inside temperature - Water ingress - Amperage feedback

Optional skids

- 5-function electric or hydraulic manipulator arm
- All types of sonars (imaging, side scan...)
- Metal detector
- NDT sensors (CP + thickness + brush)
- MS1000 scanning sonar

Optional equipment

On additional skids

- 5-function electric or hydraulic manipulator arm
- All types of sonars (Imaging, Multibeam, Side scan...)
- Metal detector
- NDT sensors (CP + thickness + brush)

ROV incorporated

- Navigation and profiling sonar
- 2 function electric manipulator arm
- Digital still camera with VSF303 flash gun
- LBL or USBL positioning system
- Xenon strobe recovery unit
- Altimeter (comes with auto altitude function)
- Rear B/W TV camera
- 30 kg dead weight
- Acoustic pinger

FRANCE

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