

Mini ROV **JACK** 100 & **JACK** 300

SPECIFICATIONS

VEHICLE

- 6 thrusters with PBOF brushless motors (4 horizontal - vectored, & 2 vertical)
- +/- 40 ° tilt camera
- High sensitivity CCD color camera 1/3"
- 2 proportional controlled Led spot lights
- Dimensions : 570 x 415 x 260 mm
- Max depth : 100 m / 300 m
- Weight in air : 13 kg / 15 kg
- Max speed : 2 knots operational
- U/W DC/DC converter
- Dedicated U/W bulkhead connector for payload (12Vdc available)



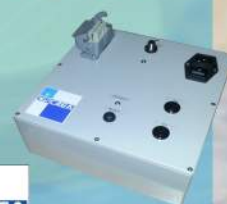
CONSOLE

- Integrated in a waterproof case (IP65 in operational use)
- 8,4" LCD display (sun readable)
- Embedded batteries (NiMH)
- 110 - 230 VAC external power supply (adaptator supplied)
- Overlay display
- Keypad & joysticks
- Video and data output connectors
- Dimensions 410 x 300 x 175 mm
- Weight : 7,3 kg



POWER SUPPLY UNIT

- 110 - 230 VAC power supply input
- Continuous insulation control
- Dimensions 250 x 250 x 100 mm
- Weight : 2,7 kg

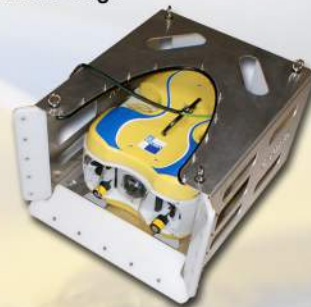


UMBILICAL

- Neutrally buoyant
- Cable length: 100 m, up to 300 m (up to 900m - battery versions)
- Cable diameter: 7,9 mm including twisted pairs dedicated for customer payload

OPTIONS

- Removable underwater NiMH battery pack
- 2 additional Led spot lights
- Acoustic camera
- External HD camera
- Navigation sonar
- Acoustic positioning (USBL,...)
- Extra underwater container
- Multi-function manipulator
- Thickness gauge
- Environment sensors (salinity, PH...) or sampling actuators
- Fiber optic interface
- Lithium-ion (or other technology) embedded battery packs
- Deployment cage



UNDERWATER OBSERVATION & INSPECTION MINI ROV

JACK 100



JACK 300



HIGHLY
MANOEUVRABLE

COMPACT

MODULAR

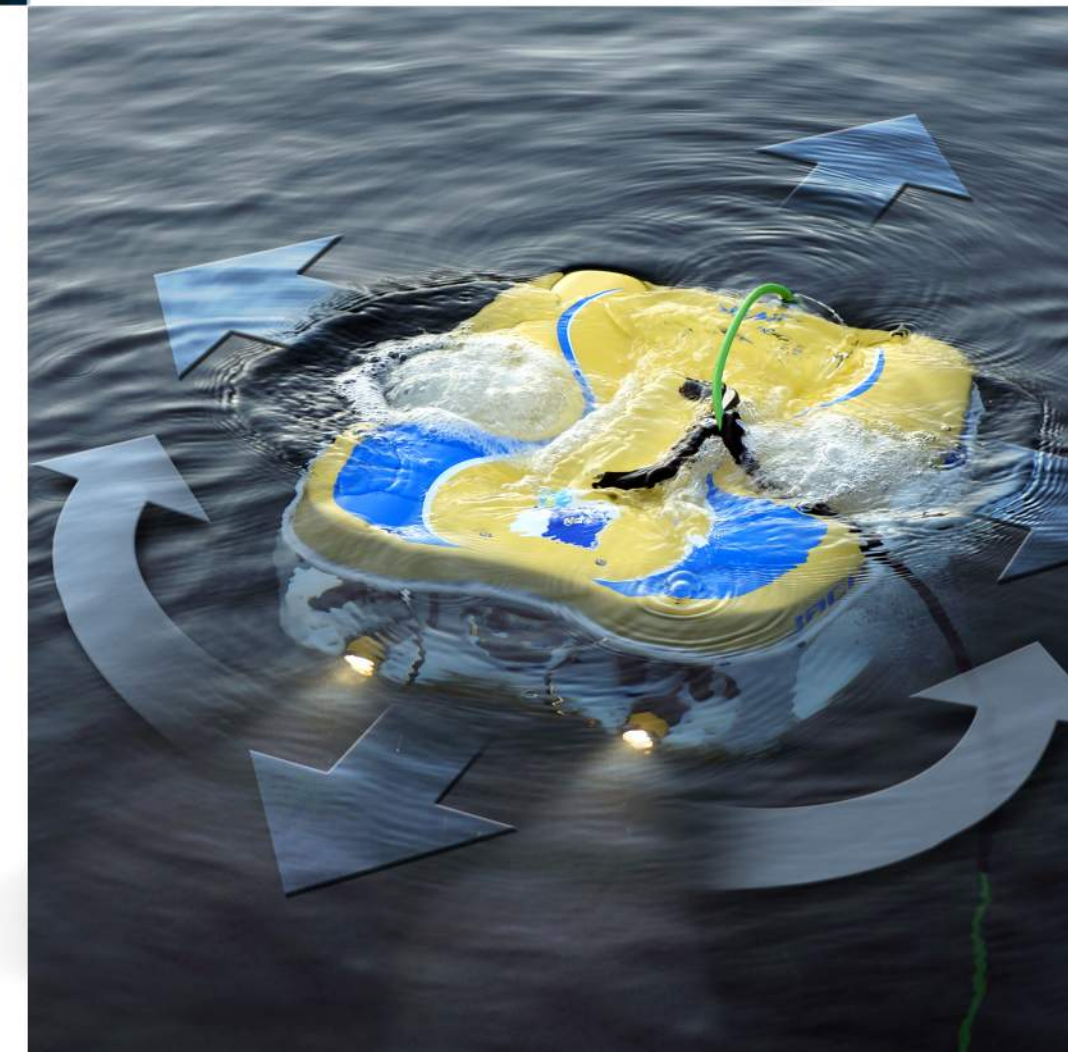
HAND PORTABLE

USER-FRIENDLY

PLUG & FLY

AFFORDABLE

SINGLE
OPERATOR



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UNDERWATER OBSERVATION & INSPECTION MINI ROV

JACK¹⁰⁰ & JACK³⁰⁰

PLATFORM

- SIZE 570 x 415 x 260 mm
- DEPTH 100 m / 300 m
- WEIGHT IN AIR 13 kg / 15 kg
- POWER SUPPLY UNIT 110/230Vac
- CONTINUOUS INSULATION CONTROL
- TILT FRONT CAMERA +/- 40°
- 2 PROPORTIONAL CONTROLLED LED LIGHTS
- 4 VECTORED HORIZONTAL THRUSTERS
- OPTION : U/W REMOVABLE BATTERY PACKS



STANDARD SENSORS

- DEPTH
- HEADING
- INTERNAL TEMPERATURE
- POWER MONITORING
- WATER TEMPERATURE
- WATER INGRESS SENSORS

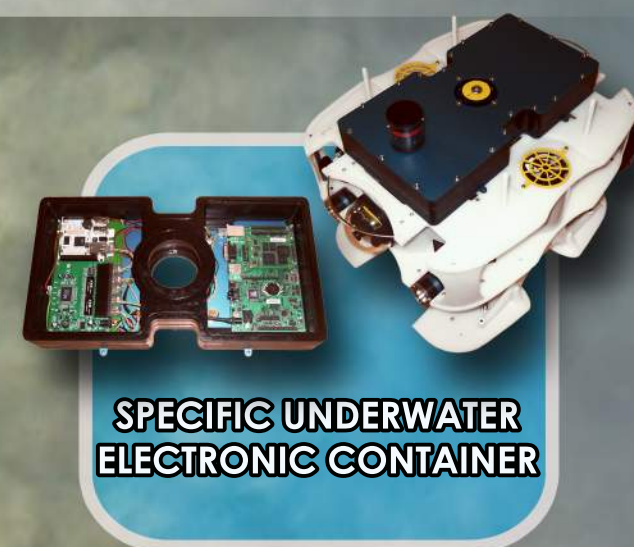
READY FOR EXTRA SENSORS

Off the shelf or fully customized



SKID FOR SPECIFIC
PAYLOAD

EXTERNAL SENSORS



SPECIFIC UNDERWATER
ELECTRONIC CONTAINER



CONSOLE, PSU &
NEUTRAL UMBILICAL