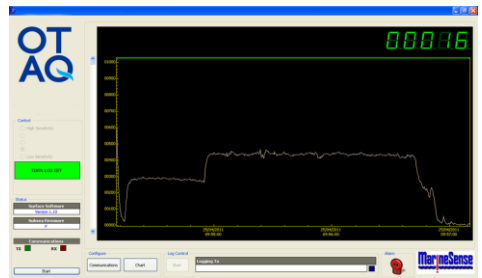


The OTAQ Oceansense™ Leak & Cement Detection System has been field proven on hundreds of offshore jobs in the harshest of environments achieving a detection success rate of close to 100%.

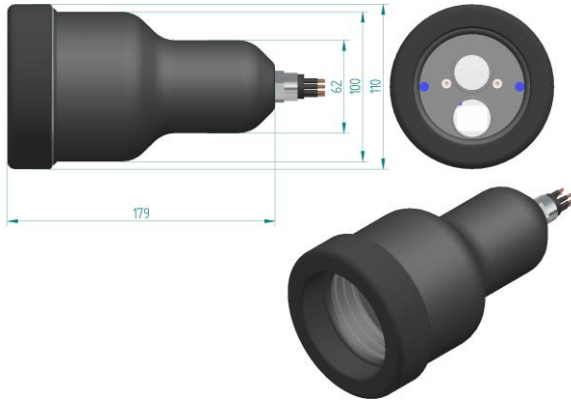
With the dual applications of detecting leaks from subsea oil and gas infrastructure and confirming cement returns during subsea cementing operations, Oceansense™ is proven to reduce vessel time and save money.

Oceansense™ emits high intensity light at a wavelength specific to the fluorescing dye under detection. The agitated dye emits light at a different wavelength which is detected by Oceansense™. The system multiplies this light many thousands of times before analysis and presentation of the data. Oceansense™ has a detection capability approximately 50 times that of the human eye and conventional 'black-light' detection systems.

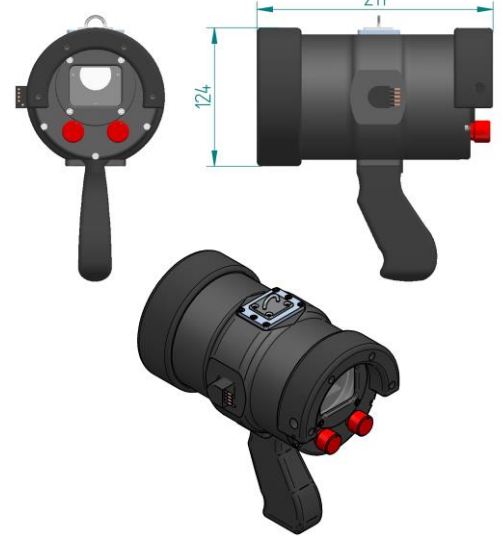


| | |
|--------------|--|
| Technology | Detects minute particles of fluorescing dyes in water, generating unequivocal software based results. |
| Market | Offshore Oil & Gas; Construction & Commissioning, Production & Decommissioning |
| Applications | <ul style="list-style-type: none"> Leak Detection; locating leaks in hydraulic control systems, flowlines, risers and subsea infrastructure Commissioning; confirms structural integrity of spool tie ins and subsea structures. Cement Detection; confirming cement returns at seafloor when forming new wells. Decommissioning; cement returns during plug and abandonment. |
| Detects | <ul style="list-style-type: none"> Rhodamines including RX9022 and B275 Fluorescein Pelagic 100 & 100 Pink Champion Clear Dye Hydrocarbons Please contact us for a full list of detectable dyes |
| Notes | <ul style="list-style-type: none"> Deployed globally on over 500 rental jobs for over 10,000 days with 98% success rate Detects presence of dye far below industry standard dye concentration level Advanced technology removes human judgement enabling repeatability of results Protects the environment and reduces offshore operational costs Classed as a 'bright light' system, ROV's lights do not have to be turned off during detection making e whole operation significantly safer |

Oceansense ROV Mount



Oceansense Diver Held



| | ROV Mount | | Diver Held |
|---------------------|------------------------------------|--------------------|----------------------------------|
| Model | Oceansense SW 3K | Oceansense SW 6K | Oceansense DH |
| Max Detection Range | 5-7m | 5-7m | 5-7m |
| Material | Anodised Aluminium | Anodised Aluminium | Anodised Aluminium |
| Depth rating | 3000m | 6000m | 200m |
| Weight in air/water | 1.9kg/0.97kg | | 3.5kg/1.8kg |
| Voltage | 18-32 VDC | | 24vDC from supplied battery pack |
| Power requirements | 250mA @24vDC | | |
| Data | RS232 / RS485 | | n/a |
| Connector | MCBH8M wet mate | | n/a |
| Interface | Windows App / supplied with laptop | | On board display |
| Part no | OS-200100 | OS-200105 | OS-200110 |

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