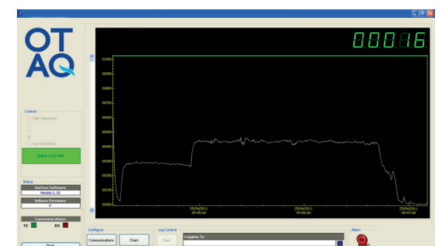


**The OTAQ Oceansense™ Leak & Cement Detection System has been field proven on hundreds of offshore jobs in the harshest of environments achieving a detection success rate of close to 100%.**

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.

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



Model	Oceansense SW 3K	Oceansense SW 6K	Oceansense DH
Max Detection Range	5-7m	5-7m	5-7m
Material	Anodised Aluminium	Stainless Steel	Anodised Aluminium
Depth rating	3000m	6000m	200m
Weight in air/water	1.9kg/0.97kg	3.8kg/2.8kg	3.5kg/1.8kg
Voltage	18 -32 VDC	18 -32 VDC	24vDC from supplied battery pack
Power requirements	250mA @24vDC	250mA @24vDC	24vDC from supplied battery pack
Data	RS232 / RS485	RS232 / RS485	-
Connector	MCBH8M wet mate	MCBH8M wet mate	-
Interface	Windows App / supplied with laptop	Windows App / supplied with laptop	On board display
Part no	OS-200100	OS-200105	OS-200110

Oceansense ROV Mount



Oceansense Diver Held



A Subsidiary of OTAQ plc  
 Specifications subject to change without notice. Images are representative.

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