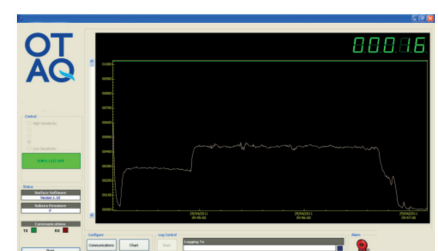


The OTAQ OceanSENSE™ Leak & Cement Detection System has been field proven on hundreds of offshore jobs in the harshest of environments achieving a detection success rate of close to 100%.

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 the whole operation significantly safer



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



OTAQ Connectors Ltd
 Unit 1a-1c, Cross Lane,
 Ulverston, LA12 9DQ,
 UK

+44 (0)1524 748080
 info@otaq.com

otaq.com

Specifications subject to change without notice. Images are representative.
 *Depth rating by design