

Subsea leak detection/cement confirmation

OceanSENSE diver held system
For use with a wide range of tracer dyes



Description	Length	Width	Height	Weight
OceanSENSE pelicase	36 cm	32 cm	16 cm	12 kg
Battery pelicase	46 cm	32 cm	16 cm	10 kg

Water depth rating:	200 meters
Instrument size:	210mm length, 116mm max diameter
Weight in air:	3.5 kg
Weight in water:	1.8 kg
Display:	Internal micro VGA display
Power requirement:	24 VDC from battery pack, extra battery and charger included

The OceanTools OceanSENSE “Bright Light” range of subsea leak detection systems are field proven on many offshore jobs with a very impressive 100% detection rate. OceanSENSE emits very high intensity light at a wavelength specific to the tracer dye under detection. The agitated fluid emits light at a different wavelength which is then detected by the OceanSENSE’s intelligent photo-detector electronics. The light is passed through a photo-multiplier which amplifies the light many thousands of times before the electronics filter and analyse the data.

The photo-detector electronics have a detection capability approximately 50 times that of the human eye - and that of conventional “black-light” detection systems. The ROV’s lights do not have to be turned off when OceanSENSE is in operation thus making for significantly safer ROV operations.

The OceanSENSE unit is designed to work with a wide range of dyes and substances