

SAVANTE

LASER INSPECTION & MEASUREMENT

LUMENEYE VR

The all new Savante Lumeneye VR laser system is the latest in underwater subsea laser metrology tools designed specifically for use aboard a microinspection ROV.

With plug-n-play installation, a Lumeneye equipped vehicle becomes capable of high precision subsea measurement; whether it be in the ongoing analysis of corrosion, measurement of anode degradation, surface cracks or damage.

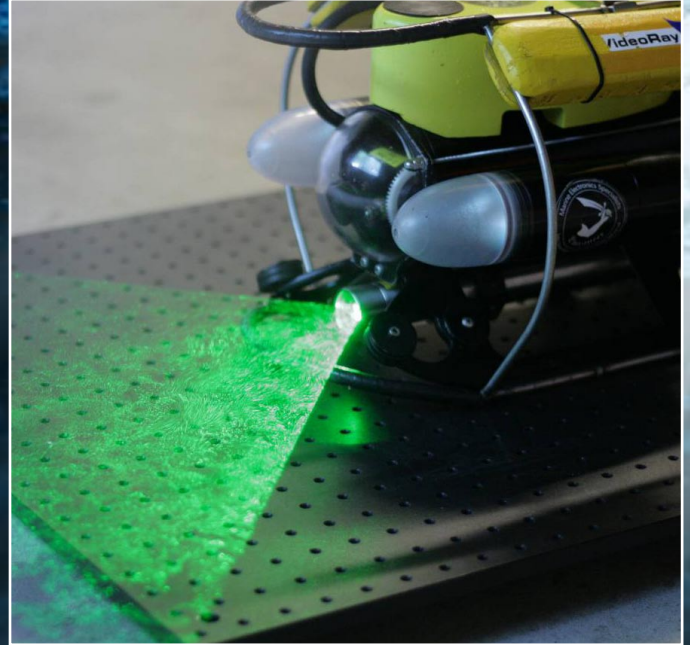
Also featured in the range is the Lumeneye underwater subsea rangefinder; which can be used to aid in real-time position keeping, where acoustic references are unfeasible.

Benefits

- Precision
- Resolution
- Speed

Applications

- Anode wastage measurement
- Spud can surveys
- Image scaling
- Pipe & Trench profiling
- Damage analysis
- Metrology



Micro-ROV equipped with Lumeneye VR horizontal profiler configuration

FIND US

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Registered with First Point Assessment 10050744

Savante Offshore Services Ltd. reserves the right to change the above specifications without notice.

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Specifications

Environmental

Water depth: 4000m
Temperature: (operating) 1° - 35° C
Shock: 3 axis (operating) 30g peak,
6ms half-sine pulse

Optical

Window: Sapphire
Fan Angle: 90 degrees
Laser wavelength: 532nm (green)
Power: 20mW - Class IIIA

Mechanical

Maximum diameter: 31mm (1.2")
Length: 133mm (5.2") excluding connector
Weight in air: 240g excluding connector
Weight in water: 130g
Standard housing: Titanium
Standard connector: Wetcon BH-3 MP

Electronic

Voltage: 24V DC
Current: 0.3 A
Time to emission: under 10 seconds

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