Stinger Technology AS Streamlines Cement Return Monitoring with OC300

ANB Sensors | STINGER technology

COMPANY BACKGROUND

Stinger Technology AS, a Norwegian leader in subsea technology, has a long history of developing innovative solutions for the offshore industry. Their expertise in small, remotely operated vehicles (ROVs) has made them a trusted partner for operators on the Norwegian Continental Shelf.

USE CASE

Stinger Technology recently faced the challenge of accurately monitoring cement returns during drilling operations. To address this need, they integrated the OC300 sensor into their ROV. The OC300, with its ability to measure pH levels in seawater, proved to be a valuable tool for detecting the presence of cement.

BENEFITS

Ease of Setup

The OC300 sensor was simple to configure, greatly reducing setup time and effort.

Real-time Monitoring

Drillers were able to observe pH changes instantly, allowing for precise monitoring of cement returns.

Durability

The robust nature of the OC300 sensor ensured that it could withstand the rough conditions of subsea operations without requiring careful handling or storage.

Operational Success

The sensor worked flawlessly in the field, enhancing Stinger's ability to monitor cement returns efficiently and reliably.

AT A GLANCE

- Quick to integrate into ROV system.
- Immediate detection of pH changes provided drillers with critical insights, enabling precise control during cementing operations.
- Reliable performance in challenging subsea conditions without needing special storage or handling.

"The setup of the OC300 was really easy using the anb_utils software, and within no time, we had it fully operational. Displaying the real-time pH data to the drillers via anb_GUI was seamless, and they were pleased to see the clear change in pH as the cement came through. The robustness of the sensor is also a huge plus—it doesn't require careful storage, which is a real bonus in the field. The whole process was straightforward, and the sensor worked flawlessly—definitely a great tool for the job!"

Aland Samir Osman
Stinger Technology AS