



**Advanced
sensors**

Oil in Water
Analytical
Experts



Advanced Services &
Lifecycle Support

Advanced System Reliability and Repeatability to Meet Regulations and Optimise Process Control

As the leading global supplier of oil in water analysers, Advanced Sensors Ltd is committed to helping you maintain the superior performance of your analysers.



From initial consultation to on-going maintenance and support, Advanced Sensors offers a lifecycle support program to ensure each system operates to the highest standards of reliability and repeatability.

Our professional services are conducted by factory-trained and certified representatives to offer a comprehensive range of customisable services and support programs. An Advanced Sensors Expert Field Service Engineer will review your specific requirements to help you select the best options to meet your needs.

Applications Expertise

Advanced Sensors offers advanced application solutions for your specific requirements. Whether it's offshore, onshore, or marine applications, Advanced Sensors has local experts who react quickly and understand your service needs.

Offshore Platform

- Discharge Monitoring
- Process Monitoring
- TSS Analysis

FPSO

- Discharge Monitoring
- Process Monitoring
- TSS Analysis
- Ship Bilge Monitoring

Shipping

- Ship Bilge Monitoring
- Exhaust Gas Scrubber Water Monitoring

Offshore Drilling Rig

- Slop Water

Waste Management

- Oil Content Monitoring
- TSS Analysis

Oil Refinery & Oil Terminal

- Leak Detection in Cooling Water
- Drain Tank Monitoring / Control
- Process Water Discharge Monitoring

Power Plant

- Cooling Water Monitoring/ Management
- Discharge Monitoring/ Management



Service Modules

From initial consultation and implementation, to training and ongoing maintenance, Advanced Sensors has a service module that will support your unique process requirements.

Consultation Services	Design Review	Determine the best location for installing the analyser to ensure optimum performance and accuracy based around site-specific conditions. Can be performed as a site survey or design review.
Implementation Services	Site Acceptance Test	Verify correct operation of the analyser at the customer site. Support contractors with end-user queries. Highly useful when an analyser is integrated into skid assemblies.
	Commissioning	Inspect, test, and commission the analyser for optimum performance and accuracy on site, ensuring functionality of hardware and software and verifying measurement accuracy. Correlate analyser to lab results.
Lifecycle Support Services	Training	Ensure efficient operation with operating training. Courses will run 1-3 days, depending on level and number of attendees.
	Remote Support	Receive expert guidance from an Advanced Sensors expert via phone or email. Advanced Sensors experts are able to remotely access the customers' systems when a connection is available and permission has been granted.
	Process Optimisation	Adjust the analyser to accommodate changes in the process, such as a new oil type or a new analyser location.
	Preventative Maintenance	Keep the system running optimally by replacing critical components that are subject to wear, such as the ultrasonic transducer head or laser.
	Software Upgrades	Maintain the latest version of the Advanced Sensors software for your specific analyser. (A hardware upgrade may be required to accommodate the latest software version, depending on functionality required.)
	Analyser Upgrades	Upgrade your current analyser model to that of another model with added or varying functionality. (Some limitations may exist, based on age of current system and application.)

Maintenance Contracts

An annual maintenance contract makes it easy to manage your analyser lifecycle, from system conception to legacy support.



Advanced Sensors offers annual maintenance contracts as a flexible, cost-saving option to ensure the oil in water analysers continue to perform exceptionally well over the course of the analyser lifecycle.

A maintenance contract is ideal for customers who are interested controlling maintenance costs, while maximizing system efficiency.

Benefits

- Budget control through fixed prices and reduced maintenance costs
- Priority response for service calls and spare parts
- Protection against unexpected issues relating to changes in the application, such as a change in oil type, repositioning of the analyser, or a change in chemicals
- Management of system calibration requirements due to process changes

About Advanced Sensors

Advanced Sensors Ltd designs and manufactures oil in water analysers with an innovative, trouble-free, low-maintenance solution to analysing oil and solid particles in water.

Specialising in optoelectronic instrumentation, detection systems and communication technologies, Advanced Sensors Ltd provides solutions that can withstand the harshest conditions to deliver accurate and timely analysis results anywhere in the world.

Advanced Sensors applies its patented self-cleaning technology to a variety of measurement techniques, including ultrasonics, microscopy, fluorescence, and spectroscopy, to deliver consistent, accurate, and uninterrupted measurement. It is our mission to deliver world-class service and support for world-class products.

Advanced Sensors is part of PAC - Process Analytics. PAC operates as a unit of Roper Technologies, Inc., a diversified growth company and a constituent of the S&P 500, Fortune 1000, and the Russell 1000 indices.



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