

Measurements for Demanding Applications in Refinery, Petrochemical, Produced Water, Coatings and More

As a leading producer of innovative and reliable process solutions to a wide range of industries, PAC Process Solutions demonstrates a commitment to excellence and delivers a wide range of cutting-edge products. We are dedicated to helping businesses optimize their processes, improve product quality, decrease test cycle times, and drive operational efficiency.



NSure

Reliable Nitrogen and Sulfur Analysis for Product Specification and Catalyst Protection

The PAC NSure process is the only analyzer offering a dual nitrogen and sulfur configuration. It enables precise measurements for nitrogen and sulfur levels ranging from ppb to % levels. It provides accurate measurements for various samples, including gas, liquid, LPG, and heavy gas or oil. The NSure analyzer correlates with standard test methods such as ASTM D5453, D6667, D4629, D5176, and ISO 20846. It boasts a rapid measurement time of 1 to 5 minutes and ensures excellent correlations between lab and online systems, leveraging the same technology as the market-leading PAC ElemeNts lab analyzer.



MicroDist

Distillation that is better than D86

The PAC MicroDist process analyzer is designed to deliver accurate and reliable distillation measurements, offering a perfect correlation to ASTM D86 standards while providing improved repeatability. The auto-regeneration of the distillation flask ensures consistent performance and uptime. The MicroDist analyzer offers the determination of cetane index via ASTM D4737 and D976 methods. With a fast cycle time of less than 10 minutes, it allows for efficient and rapid analysis. Leveraging the expertise of the market leader in lab distillation, the MicroDist analyzer is based on the same analytical method as PAC's OptiPMD and ASTM D7345.



X-One Oil-in-Water Analyzer

Accurate Oil-in-Water Analysis for Produced Water Applications and More

The Advanced Sensors X-One is our next-generation solution for oil-in-water measurement, designed to provide accurate results in challenging produced water environments. With its sleek and streamlined design, advanced features, and state-of-the-art ultrasonic cleaning and long-lasting laser technology, the X-One ensures maximum uptime and reliable operation. From BTEX to heavy crudes, the X-One excels in handling various oil types, setting a new standard in oil-in-water measurement.



ViscoPro 2100

Continuous Viscosity Monitoring for Optimal Process Control

The Cambridge Viscosity ViscoPro 2100 is a unique process viscosity measurement solution. It correlates to ASTM D445 standards, ensuring reliable and consistent results. With a range of sensor sizes available, it offers versatility and can be applied in a wide variety of applications, including paints and coatings, engine monitoring, and compressors. VP 2100 includes temperature correction for accurate viscosity readings across different temperature conditions, and comes in both hazardous and safe area versions.



EX-400 Oil-in-Water Analyzer

Measure particle size and concentration

Advanced Sensors offers state-of-the-art microscopy analyzers, specifically designed for the demanding upstream oil and gas environments. These cutting-edge analyzers provide invaluable insights into the size and concentration of oil and solids in produced water. By capturing high-resolution images of the produced water and employing a combination of advanced algorithms and machine learning models to accurately identify key components of the water. This enables effective monitoring of the produced water process and ensures the protection of re-injection wells.



ViscoLab PVT+

Precise Viscosity Analysis Under High Pressure

The Cambridge Viscosity ViscoLab PVT+ analyzer is the gold standard for reservoir analysis. With its ability to provide measurements over extended periods, it meets the demanding requirements of PVT analysis. It offers a new, modern user interface that includes data trending, configuration options, and multiparameter measurement capabilities. The analyzer excels in extreme conditions, with the capability to handle high pressures up to 100,000 psi and temperatures up to 315°C. Measure your reservoir sample with high accuracy and get measuring up and running fast with stabilization times less than 45 minutes.

Summary

PAC Process Solutions is committed to revolutionizing the process industry with its strong brands and industry-recognized products. Our comprehensive range of innovative solutions—including viscosity, distillation, elemental, oil-in-water, and water-in-oil—empowers businesses to achieve optimal process control, enhance product quality, and maximize efficiency. By leveraging advanced technologies and industry expertise, PAC Process Solutions helps organizations across various sectors streamline their operations, reduce costs, and stay ahead of the competition.

Visit our website today at info.paclp.com/process-solutions to explore how our exceptional products can elevate your business to new heights. Partner with us and experience the future of process solutions.



SCAN ME

Moving the World Forward, Safely and Sustainably

For more information: 800-444-TEST or info@pacpl.com
info.paclp.com/process-solutions

pacpl.com