



PRODUCTS FOR PETROLEUM TESTING

TURNKEY PETROLEUM GC SOLUTIONS

FAST AND RELIABLE VISCOSITY MEASUREMENT

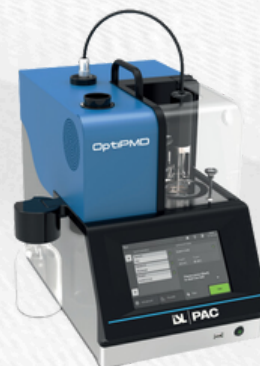
AC Controls (CPAC) offers specialty chromatography analyzer solutions for petroleum, petrochemical, refinery, gas, and natural gas analysis markets. Turnkey fully validated solutions using their patented add on devices and software designed for petroleum methods including: Simdis, DHA, RGA, sulfur selective, crude oil DHA front & HT Simdis, Olefin, Benzene, Oxygenates and custom solution specific to your needs.



GAS, JET FUEL, DIESEL, KEROSENE & BIODISESEL

NEXT-GENERATION LAB MICRO DISTILLATION ANALYZER

The PAC-ISL OptiPMD is the second generation of a state-of-the-art solution for fast and reliable distillation analysis. It is in accordance to ASTM D7345, IP 596 and in perfect correlation with ASTM D86, D1160 (B100), ISO 3405 and IP 123. OptiPMD determines the boiling range characteristics of petroleum products in less than 10 minutes, using only 10 ml of sample and it's included in at least 10 fuel specifications.



TOTAL SULFUR & NITROGEN ANALYSIS

EXCELLENT PRECISION AND LONG-TERM STABILITY

PAC L.P.'s Antek ElemeNtS analyzer is the most advanced, modular analytical system available for the detection of Total Nitrogen and/or Total Sulfur content in solid, liquid, gaseous materials and LPG samples. ElemeNtS is available in a vertical configuration with direct injection, and horizontal with boat inlet introduction. Both configurations can be equipped with ElemeNtS-N/S for simultaneous Nitrogen and Sulfur analysis.



FEATURED SUPPLIERS



PRODUCTS FOR PETROLEUM TESTING

BENCHTOP EDXRF ELEMENTAL ANALYSIS

RAPID QUALITY CONTROL, RUGGEDNESS BUILT IN

For reliable quality control at the push of a button, the Hitachi X-Supreme8000 is the ultimate benchtop EDXRF analyzer for materials such as petrochemicals, polymers, minerals and general chemicals in production environments and laboratories. Getting consistent, accurate analysis from production control instruments helps any process run more efficiently.



PARTICLE COUNTING FOR BATCH SAMPLING

LABORATORY PARTICLE COUNTER FOR LIQUIDS

The PAMAS SBSS is a particle counting system for batch sampling and it is the standard instrument used as a reference in many testing labs. The instrument may be programmed to measure a sample automatically by pre-filling the internal dead volume, degassing the sample with vacuum, pressuring the sample for a number of measurement runs, and relieving pressure at the end. High-accuracy and repeatability, fast purging and back flush possibility are the key benefits of the system.



X-RAY SULFUR-IN-OIL ANALYZER

NEW REALMS OF MEASUREMENT SENSITIVITY

The HORIBA SLFA 60 is a single sample X-ray fluorescence analyzer that delivers fast and accurate measurements of sulfur in oil in compliance with the ASTM D4294 method, either in the lab or in the field. It offers a wide range of applications of petroleum fuel samples from very low to high sulfur concentrations is designed to meet the growing changes in the petroleum industry to cover high sulfur crudes and shale oil markets.



HFRR FOR TRIBOLOGY RESEARCH

A BALL-ON-PLATE RECIPROCATING FRICTION AND WEAR TEST

The PCS Instruments HFRR allows for fully automated testing. A wide range of accessories are available, including the humidity cabinet and temperature control unit (TCU). These enable labs, operating even in harsh conditions, to meet the requirements of the standard diesel fuel lubricity test methods. The instrument's ability to collect continuous friction measurements, the wide range of specimen materials available, and the ability to customise test parameters also make the HFRR a popular choice for tribology research.

