

Minimize Giveaway with ANTEK's High Speed Analyzer for Ultra Low Sulfur Fuels

Two years from now the standards for sulfur in fuels will drop to less than 15ppm for diesel fuels and less than 30 ppm for gasoline. One of the many obstacles this regulation will create for the industry is transporting a low sulfur fuel along with other products that can have sulfur concentrations as high as 5000 ppm without having to downgrade that product because of contamination.

To meet this challenge PAC has introduced the Antek P6200 series High Speed Sulfur Analyzer (P6200 HSS). Based on Antek's total sulfur detection technology, the new P6200 HSS provides sulfur data in a minute or less without compromising any of the high standards of reliability, precision and accuracy the technology is known to provide. This proven technology has been installed in multiple major pipeline applications, resulting in improved product quality and less waste.

Although originally developed for laboratory use, the sulfur by UV Fluorescence (S by UVF) has increasingly become the leading on-line analyzer technique for ultra low sulfur concentrations in fuel applications. Based on ASTM standard test methods D 5453 and D 6667, this technique emerged as a dominant tool for the determination of ever decreasing levels of sulfur in a wide variety of liquid hydrocarbons and gases. Both the lab and the on-line technology combust microliter sample sizes in a greater than 1000°C furnace. All sulfur compounds are converted to SO₂ and then measured as it emits characteristic fluorescent energy when exposed to intense ultraviolet light.

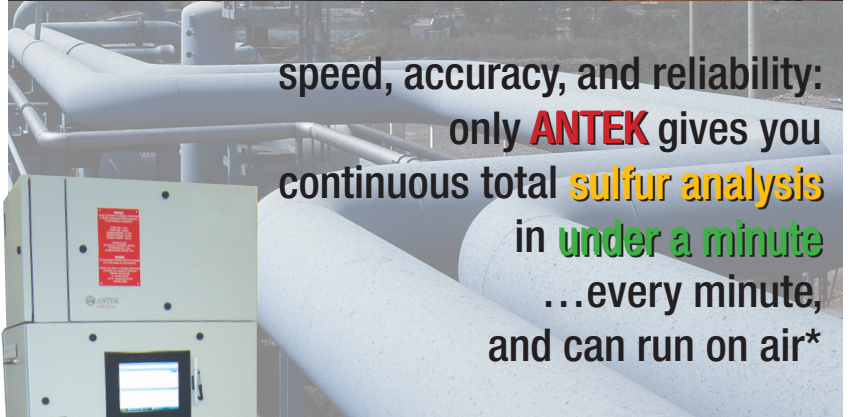
The P6200 HSS has the capability to continuously deliver analysis results every minute while maintaining well under 2 mg/kg levels of quantification, which allows exceptional control capability for transportation and process applications.

As another member of the simple to operate and reliable 6200 series family, the P6200 HSS is ideal for unmanned and remote pipeline locations. Digital I/O's for control and status of the analyzer and 4-20 mA outputs are standard features. RS-232, RS-422, or RS-485 for ModBus RTU and Ethernet connections are also available upon request.

The modular design of the P6200S simplifies accessibility and configuration, while also enabling ease of maintenance. Add the accuracy and precision of a proven ASTM D 5453 Method which uses Pyro UV fluorescence and you have a highly reliable, matrix independent sulfur detection method with no need for environmentally hazardous catalysts, reagents, lead acetate tape and other wastes.

PAC combines six testing equipment brands: Alcor Petroleum Instruments, Antek Instruments, Herzog GmbH, ISL, PetroSpec, and Precision Scientific Petroleum Instruments into a single dynamic manufacturing, marketing, and service organization, which consistently provides innovative break through technology and total solutions for the pipeline and terminal industry.

in today's fuel world, more than ever you need fast results



speed, accuracy, and reliability:
only **ANTEK** gives you
continuous total **sulfur analysis**
in **under a minute**
...every minute,
and can run on air*

*use of air increases minimum detection level

Fastest results possible mean
less product giveaway.



High Speed Sulfur Analyzer
P6200 HSS

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