Rigaku Features Latest X-ray Analytical Instruments at Gulf Coast Conference

Rigaku Corporation
9009 New Trails Drive
The Woodlands, Texas
USA 77381-5209

Rigaku is exhibiting at the 2017 Gulf Coast Conference, presenting its X-ray analytical instrumentation for the petroleum industry

January 17, 2018 – Houston, Texas. Rigaku Corporation is presenting its diverse range of X-ray analytical instrumentation at the 2017 Gulf Coast Conference (GCC) taking place at the George R Brown Convention Center in Houston, Texas, Thursday, January 18, and Friday, January 19, 2018.

The conference was postponed from its original October 2017 timeframe due to the effects of Hurricane Harvey, which made landfall in Texas as a Category 4 hurricane on August 26th, after which time the George R Brown Convention Center was used as a shelter for those who lost their homes and many of the delegates were occupied by efforts to restore functionality to plants and refineries. A further delay of one day was made necessary after a rare winter storm struck Houston in mid-January.

Rigaku manufactures a complete range of X-ray diffraction (XRD) and X-ray fluorescence (XRF) instruments and components for research, testing, industrial process control, and product development, and is exhibiting its lines of benchtop X-ray diffraction and wavelength dispersive X-ray fluorescence (WDXRF) spectrometers at *Booth # 723*.

Benchtop and on-line energy dispersive X-ray fluorescence (EDXRF) spectrometers for multi-element analysis of solids, liquids and powders and X-ray transmission (XRT) instrumentation from Applied Rigaku Technologies, Inc. (ART) will be presented at *booth* # 722.

Rigaku Supermini200 Wavelength Dispersive X-ray Fluorescence Spectrometer

Among the instruments featured are the Rigaku Supermini200 benchtop WDXRF spectrometer and the new sixth generation Rigaku MiniFlex benchtop X-ray diffractometer. These powerful, transportable instruments deliver speed and sensitivity through innovative technology and design. The Supermini200 is the only commercially available benchtop WDXRF spectrometer.

The sixth generation Rigaku MiniFlex benchtop X-ray diffraction instrument is a general purpose X-ray diffractometer that can perform qualitative and quantitative analysis of polycrystalline materials. It delivers speed and sensitivity through innovative technology advances, including the HyPix-400 MF 2D hybrid pixel array detector (HPAD) together with an available 600 W X-ray source and new 8-position automatic sample changer.

Rigaku NEX QC Energy Dispersive X-ray Fluorescence Spectrometer

The low-cost, compact Rigaku NEX QC series of benchtop analyzers is designed to meet the ever-changing demands of the petroleum industry. With multi element capabilities, elements such as nickel (Ni), vanadium (V), and chlorine (Cl) can be measured in petroleum products, in addition to sulfur (S) in crude oil.

For higher performance, the enhanced Rigaku NEX CG+ EDXRF analyzer features next generation silicon detector (SDD) technology, offering significant improvement in elemental peak resolution and counting statistics.

Also on display is the Rigaku NEX DE analyzer, developed for heavy industrial applications and engineered to maximize flexibility and ease of use. The system operates on the latest Rigaku QuantEZ analytical software. Specifically designed for the Rigaku family of benchtop EDXRF analyzers, it runs on the Microsoft Windows operating system, on a laptop or benchtop personal computer (PC).

For real time process control needs, ART offers the Rigaku NEX XT process sulfur in oil analyzer and the Rigaku NEX OL process multi-element analyzer.

The Gulf Coast Conference promotes education and the advancement of knowledge of chemical analysis technology associated with the petrochemical, refining, and environmental sectors.

GCC
"Serving The World of Chemical Analysis"

About Rigaku

Since its inception in Japan in 1951, Rigaku has been at the forefront of analytical and industrial instrumentation technology. Rigaku and its subsidiaries form a global group focused on general-purpose analytical instrumentation and the life sciences. With hundreds of major innovations to their credit, Rigaku companies are world leaders in X-ray spectrometry, diffraction, and optics, as well as small molecule and protein crystallography and semiconductor metrology. Today, Rigaku employs over 1,400 people in the manufacturing and support of its analytical equipment, which is used in more than 90 countries around the world supporting research, development, and quality assurance activities. Throughout the world, Rigaku continuously promotes partnerships, dialog, and innovation within the global scientific and industrial communities.

For further information, contact:
Michael Nelson
Rigaku Global Marketing Group
tel: +1. 512-225-1796
michael.nelson@rigaku.com