Press Release

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Rigaku Features Latest Analytical Instruments at ARABLAB 2019

Rigaku is exhibiting at ARABLAB, featuring its latest analytical instrumentation in Hall S2 at Stand #1228

March 12, 2019– Dubai, UAE. Rigaku Corporation is pleased to announce its attendance at the annual ARABLAB exhibition, held March 12 - 14, 2019 at the Dubai International Convention & Exhibition Centre in UAE. Rigaku is presenting its latest X-ray diffraction (XRD), X-ray fluorescence (XRF), handheld Raman and handheld laser induced breakdown spectroscopy (LIBS) instrumentation in Hall S2 at Stand #1228.

Rigaku Supermini200 wavelength dispersive X-ray fluorescence spectrometer

Leading manufacturers, buyers and end users from all over the world visit ARABLAB to explore the latest in laboratory and analytical instrumentation. Exhibitors from over 100 countries will join 10,000 visitors to see the latest innovations in laboratory analysis.

Rigaku is a global leader in X-ray analytical instrumentation, and is showcasing several of its laboratory, benchtop and handheld solutions, including the Rigaku Supermini200 wavelength dispersive X-ray fluorescence (WDXRF) spectrometer, the ZSX PRIMUS series of sequential WDXRF spectrometers, the new Rigaku SmartLab X-ray diffractometer, and handheld Rigaku Progeny and KT Series analyzers.

The Rigaku Supermini200 benchtop WDXRF spectrometer features newly designed and simplified software and an improved footprint. It combines all the advantages of traditional WDXRF elemental analysis systems in a smaller, more economical package.

Instrumentation on display also includes the Rigaku ZSX Primus IV tube-above sequential WDRF spectrometer. The system is designed for non-destructive trace element analysis with high detection sensitivity and spectral resolution. The ZSX Primus IV spectrometer delivers rapid quantitative determination of major and minor atomic elements, with mapping and multi-point analysis, in a wide variety of sample types.

Rigaku ZSX Primus IV sequential WDXRF spectrometer with advanced Guidance system

New Rigaku SmartLab intelligent multipurpose X-ray diffractometer

Also featured is the next-generation Rigaku SmartLab intelligent multipurpose X-ray diffractometer with small-angle X-ray scattering (SAXS) and in-plane capabilities. It features the new PhotonMax high-flux 9 kW rotating anode X-ray source coupled with a Rigaku HyPix-3000 high-energy-resolution 2D multidimensional semiconductor detector that supports 0D, 1D and 2D measurement modes. The system incorporates a high-resolution θ/θ closed loop goniometer drive system with an available in-plane diffraction arm.

The portfolio of handheld spectroscopic analyzers from *Rigaku Analytical Devices* is designed for use in the protection of public health and safety, aiding the advancement of scientific and academic study, enabling the recycle and reuse of metal alloys, and ensuring quality of key metal alloy components in mission-critical industries.

Rigaku ResQ CQL 1064 nm handheld Raman analyzer for chemical threat detection

Rigaku KT-100S handheld LIBS analyzer for metal alloy analysis

Rugged handheld spectrometers include the 1064 nm Raman Rigaku Progeny, Progeny ResQ and newly introduced ResQ CQL analyzers for examination of narcotics, explosives and hazardous chemicals. The handheld KT-100S analyzer utilizes LIBS to perform metal alloy analysis on the most difficult grades. All of these handheld options have been certified rugged with MIL STD 810-G certification, empowering customers to achieve rapid lab-quality results any time, any place. More information about handheld and portable spectroscopic analyzers from Rigaku is available at www.rigaku.com/handhelds.

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.

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