

Rigaku Features Latest X-ray Analytical Instrumentation at 2018 Denver X-ray Conference



Leading With Innovation

Rigaku Corporation
4-14-4, Sendagaya
Shibuya-Ku,
Tokyo 151-0051, JAPAN

Rigaku is in attendance at the 67th Annual Conference on Applications of X-ray Analysis to showcase its XRD and XRF spectrometers

August 6, 2018 –Westminster, CO. [Rigaku Corporation](#), a global leader in X-ray analytical instrumentation, is pleased to announce its attendance at the 67th annual Denver X-ray Conference ([DXC 2018](#)), being held at the Westin Westminster Hotel, Westminster, Colorado, the week of August 6 -10, 2018. Rigaku is exhibiting its diverse range of X-ray diffraction ([XRD](#)) and X-ray fluorescence ([XRF](#)) instrumentation in the South Foyer at Booth numbers 41, 42, and 43. X-ray and EUV multilayer optics from Rigaku Innovative Technologies ([RIT](#)) are featured at booth 44.

Rigaku manufactures a complete range of XRD and XRF instruments and components for research, testing, industrial process control, and product development. Featured systems include the new sixth generation [Rigaku MiniFlex](#) benchtop X-ray diffraction instrument. The MiniFlex is a general purpose X-ray diffractometer that can perform qualitative and quantitative analysis of polycrystalline materials.



**Rigaku MiniFlex benchtop
X-ray diffraction (XRD)
spectrometer**



**Rigaku SmartLab
intelligent X-ray diffraction
(XRD) system**

The [Rigaku SmartLab](#) intelligent X-ray diffraction system is a multi-purpose, high-resolution diffractometer. The SmartLab® system is designed for all XRD applications, from powder and thin film diffraction to small angle X-ray scattering ([SAXS](#)) and in-plane scattering. The system's Guidance software provides an intelligent interface that guides users through each experiment.

Also featured is the [Rigaku Supermini200](#) wavelength dispersive X-ray fluorescence (WDXRF) spectrometer. With enhanced software capabilities and an improved footprint, it is the only commercially available benchtop WDXRF spectrometer.



**Rigaku Supermini200
wavelength dispersive X-Ray
fluorescence spectrometer**

Energy dispersive X-ray fluorescence ([EDXRF](#)) spectrometers from Rigaku include the [Rigaku NEX CG](#) Cartesian-geometry EDXRF spectrometer, a powerful analyzer designed to deliver rapid qualitative and quantitative determination of major and minor atomic elements across a wide variety of sample types.



Rigaku NEX CG Cartesian geometry energy dispersive X-ray fluorescence spectrometer

Workshops will take place throughout the conference and will include presentations from Rigaku covering topics such as Quantitative Analysis, Trace Analysis, and Two-dimensional Detectors.

A Monday evening XRD Poster Session will be held from 5:00 pm – 7:00 pm and will feature:

- *New Stage of Benchtop X-ray Diffractometer MiniFlex with New Two-dimensional Detector and Temperature-Control Attachment*
- *Evaluation of Physicochemical Properties of 137Cs in Geological Materials by X-ray Diffractometry*

Tuesday evening's XRD poster session will feature:

- *Trace Element Analysis of Waste Water and Eluate Samples by Total Reflection X-ray Fluorescence Spectrometry*

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 70 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