

Rigaku Presents Latest X-ray Analytical Technology at MS&T18

Rigaku is attending the 2018 Materials Science and Technology meeting, presenting its latest X-ray analytical instrumentation

October 16, 2018 – Columbus OH. [Rigaku Corporation](#) is pleased to announce its attendance at the 2018 Materials Science and Technology meeting and exhibition ([MS&T 18](#)), taking place at the [Greater Columbus Convention Center](#) in Columbus, OH October 14-18, 2018.

MS&T is an annual materials science conference held by four technical societies, offering a technical program addressing structure, properties, processing and performance across the materials community. The event showcases a wide variety of equipment and services to the automotive, aerospace, instrumentation, medical, oilfield and energy industries. Rigaku provides the world's most complete line of X-ray analytical equipment, and is presenting its diverse range of analytical instrumentation at Booth # 427.

MiniFlex



New 6th generation Rigaku MiniFlex benchtop X-ray diffractometer

Among the newest systems from Rigaku is the 6th generation [Rigaku MiniFlex](#) benchtop X-ray diffraction ([XRD](#)) instrument. The new MiniFlex X-ray diffractometer is a multipurpose analytical instrument that can determine: phase identification and quantification, percent (%) crystallinity, crystallite size and strain, lattice parameter refinement, Rietveld refinement, and molecular structure.

The new MiniFlex system 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.



Also from Rigaku, the [Rigaku Supermini200](#) wavelength dispersive X-ray fluorescence ([WDXRF](#)) spectrometer is the only commercially available benchtop WDXRF spectrometer. It features newly designed and simplified software and an improved footprint, combining all of the advantages of traditional WDXRF elemental analysis systems in a smaller, more economical package.

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 SmartLab Guidance software provides an intelligent interface that guides users through each experiment.

More information about materials analysis solutions from Rigaku is available at <https://www.rigaku.com/industry/materialsscience>



Rigaku Supermini200 high-power benchtop sequential WDXRF spectrometer

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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