

# Rigaku Presents Latest X-ray Analytical Technology at MS&T19

***Rigaku is attending the 2019 Materials Science and Technology meeting, presenting its latest X-ray analytical instrumentation***

**September 29, 2019 – Portland, OR.** [Rigaku Corporation](#) is pleased to announce its attendance at the 2019 Materials Science and Technology meeting and exhibition ([MS&T19](#)), taking place at the [Oregon Convention Center](#) in Portland, OR September 29–October 3, 2019.

MS&T is an annual technical meeting and exhibition offering a forum for fostering technical innovation at the intersection of materials science, engineering, and application. Each year, it brings together scientists, engineers, students, suppliers, and business leaders to discuss current research and technical applications and to shape the future of materials science and technology.

The event's technical program addresses structure, properties, processing, and performance across the materials community. Its exhibition 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, including benchtop X-ray diffraction ([XRD](#)) and X-ray fluorescence ([XRF](#)) systems, X-ray optics and detectors, single crystal diffractometers for chemical crystallography, multi-purpose diffractometers with small-angle X-ray scattering ([SAXS](#)) and in-plane capabilities, and high-powered wavelength dispersive X-ray fluorescence (WDXRF) spectrometers. Rigaku is presenting its diverse range of analytical instrumentation at Booth # 625.

On display at the event is the 6th generation [Rigaku MiniFlex](#) benchtop 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 latest 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.

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

**MiniFlex**



*6<sup>th</sup> generation Rigaku  
MiniFlex benchtop X-ray  
diffractometer*

### **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:**

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