

Press Release

Rigaku Corporation
Michael Nelson
Global Marketing Coordinator
michael.nelson@rigaku.com

Rigaku Presents Latest X-ray Analytical Technology at MS&T17

Rigaku is attending the 2017 Materials Science and Technology meeting, representing its latest X-ray analytical solutions

October 11, 2017 – Pittsburgh, PA. [Rigaku Corporation](#) is pleased to announce its attendance at the 2017 Materials Science and Technology meeting and exhibition ([MS&T 17](#)) at the David L. Lawrence Convention Center in Pittsburgh, PA, October 8-12, 2017. MS&T is an annual materials science conference offering a unique technical program addressing structure, properties, processing and performance across the materials community.

Rigaku, dedicated to the development of X-ray technology to examine the structure and composition of synthetic and natural materials, provides the world's most complete line of X-ray analytical equipment and is presenting its diverse range of analytical instrumentation at Booth # 608.

MiniFlex



New Sixth Generation Rigaku MiniFlex Benchtop X-ray diffractometer

New from Rigaku is the sixth 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 600W X-ray source and new 8-position automatic sample changer.

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

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 MS&T exposition showcases a wide variety of equipment and services to the automotive, aerospace, instrumentation, medical, oilfield and energy industries.

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

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



Rigaku Supermini200 High-power Benchtop Sequential WDXRF Spectrometer