

Rigaku to Feature X-Ray Analytical Instrumentation at 2017 Ceramics Expo



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Rigaku is presenting its latest analytical X-ray solutions for the ceramics industry at the 2017 Ceramics Expo in Cleveland

April 18, 2017 – Cleveland, OH. [Rigaku Corporation](#) is pleased to announce its attendance at the [2017 Ceramics Expo](#), taking place April 25-27 at the [International Exposition Center](#) in Cleveland, Ohio. Rigaku is presenting its current line of analytical X-ray instrumentation at booth #413,

Ceramics Expo is the world's largest annual free-to-attend conference for the application and manufacturing processes of technical ceramic and glass materials. The 2017 conference is specially designed for engineers and decision makers from the automotive, aerospace, defense, medical, electronics, industrial, energy, and communication industries.

X-ray analytical equipment is routinely used in the production and testing of ceramic materials and components. X-ray scattering is a powerful tool in the determination of the structure of materials and is used in the ceramic industry to examine the phase composition of bulk materials, thickness and perfection of thin films, and residual stress and texture of composites.

Among the analytical instrumentation to be represented is the [Rigaku SmartLab](#) X-ray diffraction system. Designed for the structural analysis of advanced materials and thin films, the SmartLab system combines flexible instrument geometry with a comprehensive knowledge-based software platform.

Applications for X-ray analytical techniques exist across a range of ceramic disciplines, from basic research and process development to QC/QA analyses for materials production. Materials analysis technologies from Rigaku include X-ray diffraction ([XRD](#)), X-ray fluorescence ([XRF](#)) and small angle X-ray scattering ([SAXS](#)).

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.

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