

# Press Release

## Rigaku Introduces On-Demand Chinese Language Video Demonstrating Newest Multipurpose X-ray Diffractometer

Rigaku Corporation  
9009 New Trails Drive  
The Woodlands  
Texas 77381 USA

**Rigaku has produced a new informational video for the Chinese market describing the performance of new SmartLab SE multipurpose X-ray diffraction system**

**September 22, 2017 – Tokyo, Japan.** [Rigaku Corporation](#) is pleased to announce the release of a new Chinese language informational product video highlighting the features and capabilities of the new [Rigaku SmartLab SE](#) X-ray diffraction system. The SmartLab® SE system is a highly versatile multipurpose X-ray diffractometer with built-in intelligent guidance to optimize hardware configuration and settings for specific application measurements.

The informational video presents an overview, in Chinese, of the system's unique features, including innovative snap-on optics and sample stages, optics recognition and automatic optical alignment. The SmartLab SE system capabilities include powder diffraction, thin film diffraction, Small Angle X-ray Scattering ([SAXS](#)), pole figure, residual stress and non-ambient experiments. A variety of optics and attachments are available to accommodate users' varied measurement purposes and sample shapes.

The system's guidance software recognizes installed components and integrates them into data collection and data analysis methods. The video explains the system's cross-beam optics module with fully automated alignments which enable simple and quick switching of geometries without requiring a change of optics.

The video also reviews the SmartLab SE system's two available state-of-the-art detectors: the [D/teX Ultra 250](#) high-speed 1 D silicon strip X-ray detector and the HyPix-400 2 D semiconductor hybrid pixel array detector. The HyPix-400 functions not only in 2 D mode, but also in 0 /1 D mode, broadening the range of available applications

The video is among a collection of product videos available on both the [Rigaku company website](#) and [Rigaku YouTube channel](#).

## **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](mailto:michael.nelson@rigaku.com)