

# Rigaku Introduces On-Demand Video Demonstrating the BioSAXS2000 Small Angle X-ray Scattering Kratky Camera System



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*Rigaku has produced a new informational video describing the performance of the latest small angle X-ray scattering (SAXS) Kratky camera system for protein solution structure determination*

**January 27, 2016 – The Woodlands, Texas.** [Rigaku Corporation](#) is pleased to introduce the latest in a series of informational product videos. The new video highlights the features and capabilities of the [Rigaku BioSAXS-2000 Small angle X-ray scattering \(SAXS\) Kratky camera system](#).

Specifically designed to meet the needs of the structural biologist, Rigaku's BioSAXS-2000 SAXS camera is based on a patented two-dimensional Kratky design. The BioSAXS-2000 occupies significantly less space than a conventional 3-pinhole camera but offers better flux characteristics. Furthermore, the BioSAXS-2000 can be mounted on the open port of a Rigaku rotating anode X-ray generator, taking full advantage of existing infrastructure, or it can be mated to a Rigaku microfocus sealed tube X-ray source. The BioSAXS AUTO configuration incorporates two time-saving features: an Automatic Sample Changer for unattended overnight operation and an Automatic Analysis Pipeline based on the world standard ATSAS package from EMBL Hamburg.



**Rigaku BioSAXS-2000 Small angle X-ray scattering (SAXS) Kratky camera system**

The video also offers an overview of the [Rigaku Hypix 3000 detector](#), a next-generation two-dimensional semiconductor detector and a preview of [Rigaku SAXSLab software](#), a single package that integrates data collection, data processing and data analysis.

The video is among the most recent in 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 1,100 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. Information about Rigaku is available at [www.rigaku.com](http://www.rigaku.com).

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