

## Applied Rigaku Technologies, Inc. Introduces Rigaku NEX LS Scanning Multi-element Process Coatings Analyzer at Pittcon 2018

***Rigaku NEX LS scanner performs multi-element composition, coat weight and coating thickness analyses for web and coil applications.***

**February 26, 2018, Orlando, FL** – Applied Rigaku Technologies, Inc. ([ART](#)) is pleased to announce the release of the new [Rigaku NEX LS](#) Scanning Multi-element Process Coatings Analyzer. The new instrument is the latest addition to the Rigaku line of high-performance X-ray analytical instrumentation, and is making its Pittcon debut at booth #2001 at the [2018 Pittsburgh Conference & Exposition](#) in Orlando, Florida.

Featuring advanced third generation energy dispersive X-ray fluorescence ([EDXRF](#)) technology, the Rigaku NEX LS analyzer represents the next evolution of scanning multi-element process coatings analyzers, delivering rapid, non-destructive, analyses for elements from aluminum (13Al) through uranium (92U).

Bench-top EDXRF spectrometers have long been a familiar technology for industries using silicone oils as barrier layers, release coatings or denesting agents. The Rigaku NEX LS scanner is specifically designed to service web and coil applications, with the ability to perform multi-element composition, coat weight or coating thickness analyses.

The new instrument is a scanning measurement system comprised of an EDXRF measurement head mounted to a motorized frame, which transports the head back and forth across a moving web (or coil) while transmitting the cross-machine direction measurements to a control box and industrial touch screen computer. The measuring head's linear traversing mechanism ensures constant head-to-surface distance. Data are presented in real time as cross web and down web graphical profiles.



**Rigaku NEX LS Energy Dispersive X-ray  
Fluorescence Linear Scanner**

Equipped with a 50 kV X-ray tube and Fast® SDD detector, the Rigaku NEX LS analyzer is engineered to service a broad range of process control coating applications. More information about EDXRF solutions from Applied Rigaku Technologies, Inc. for coating thickness and composition analysis is available at [www.rigakuedxrf.com/paper.php](http://www.rigakuedxrf.com/paper.php)

## 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.

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