

Press Release

Rigaku introduces new compact high-performance WDXRF spectrometer

September 5, 2012 – The Woodlands, TX. Rigaku announced today the release of the [Supermini200](#) wavelength dispersive X-ray fluorescence (WDXRF) spectrometer, an enhanced version of the Rigaku Supermini, their popular benchtop WDXRF spectrometer and the newest addition to the broadest line of laboratory XRF instruments available today. Elemental analysis is among the most important fundamental measurements made for industrial quality control and research and development. Wavelength dispersive X-ray fluorescence is one of the most powerful and well-established nondestructive techniques for elemental analysis. It has numerous advantages, including light element sensitivity, exceptional elemental resolving power, and low limits of detection. Rigaku's new Supermini200 combines all of the advantages of traditional WDXRF elemental analysis systems in a smaller, more economical package. Unlike other techniques, such as ICP and AA, no chemical preparation step is required, making sample preparation and cleanup much simpler.

The Supermini200 incorporates a number of advancements from the original Supermini, including newly designed and simplified software and an improved footprint. **EZ Analysis** is a new software feature that simplifies everyday, routine operation. A single interface contains comprehensive information about the status of samples, data measurement and analysis parameters, as well as a running output of results. The **EZ Scan** software module enables analysis of unknown samples with no prior setup and with only a few clicks of the mouse to get started.

With a size that is 25% that of traditional WDXRF units, the Supermini200 is offered at a price that is approximately half that of floor-standing units. Designed to offer performance and value in a compact package, it is positioned to be the perfect instrument for labs replacing older WDXRF units or as a backup WDXRF system for time sensitive industries.

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 life sciences and general purpose analytical instrumentation. With hundreds of major innovations to its credit, Rigaku and its subsidiary companies are world leaders in the fields of small molecule and protein crystallography, X-ray spectrometry and diffraction, X-ray optics, as well as semiconductor metrology. Rigaku employs over 1,100 people in the manufacture and support of its analytical equipment. Its products are in use in more than 70 countries – supporting research, development, and quality assurance activities. Throughout the world, Rigaku continuously promotes partnerships, dialog, and innovation within the global scientific and industrial community.

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