



Rigaku Demonstrates Improved Handheld LIBS Capabilities for Quality Assurance at IMTS 2018

Chicago, Illinois (September 9, 2018) – [Rigaku Analytical Devices](#), a leading pioneer of handheld and portable spectroscopic analyzers, will demonstrate its newest handheld analyzer for metal alloy analysis at the [International Manufacturing Technology Show \(IMTS\)](#), taking place at [McCormick Place](#) in Chicago, IL in booth #135924 East, level 3. The [Rigaku KT-100S](#) laser induced breakdown spectroscopy (LIBS) handheld analyzer provides an alternative for identification of a larger number of alloys in less than two seconds, in a truly ruggedized form factor for use in the toughest environments.

The KT-100S™ handheld LIBS metal analyzer provides on-the-spot identification of the most difficult alloys, including aluminum grades, with lower detection limits and the ability to analyze more alloys. This includes upgraded precision for low alloy steels, stainless steels, as well as high temperature alloys and the added detection of lithium (Li). In addition, the KT-100S analyzer offers unique auto surface preparation with its Drill-Down™ feature and is considerably smaller and lighter than other handheld LIBS analyzer currently available.

Another major benefit to the user is that because the KT Series of handheld LIBS analyzers utilizes a laser excitation source, there is minimal to no regulatory licensing requirements.

The KT-100S handheld LIBS analyzer is designed to be the ideal analytical tool for use in fabrication shops, plant environments and scrap metal yards because of its MIL-STD 810G drop-test certification and IP-54 dust protection rating.

For a product demonstration or to find out more about the capabilities of the Rigaku KT-100S LIBS analyzer, please visit the Rigaku Analytical Devices team in booth #135924, level 3 at IMTS from September 9 - 15 or visit www.rigaku.com/KT100S

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About Rigaku Analytical Devices

Rigaku Analytical Devices is leading with innovation to pioneer a portfolio of handheld and portable spectroscopic analyzers for use in the protection of public health and safety, aid in the advancement of scientific and academic study, enable the recycle and reuse of metal alloys, and ensure quality of key metal alloy components in mission critical industries. Our core goal is to be recognized globally for quality, reliability and expertise in all aspects of our business through our commitment to exceed our customers' expectations by providing technologically advanced products. The foundation of our company is our talented team, dedicated to continual product development efforts that improve performance and functionality, resulting in reliable, cost-effective solutions for the end user. Our rugged products utilize integrated software that combines an open architecture platform with user defined settings, delivering unparalleled accuracy and extensive application support, empowering our customers to achieve rapid lab-quality results any time, any place.

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