

Rigaku Demonstrates Improved Handheld LIBS Capabilities for Quality Assurance at FABTECH 2019

The Rigaku family of handheld analyzers, for use in the metal forming, fabricating, welding and finishing industries, is presented at FABTECH 2019

Chicago, IL – November 11, 2019 – [Rigaku Analytical Devices](#), a leading pioneer of handheld spectroscopic analyzers, will demonstrate its latest portfolio of handheld analyzers for metal alloy analysis at [FABTECH](#) - the largest metal forming, fabricating, welding and finishing event in North America - taking place November 11-14 at [McCormick Place in Chicago, IL](#) in booth #A5005. The Rigaku family of [KT](#) laser induced breakdown spectroscopy (LIBS) handheld analyzers provide an alternative for identification of a larger number of alloys – including carbon steels - in a ruggedized form factor for use in the toughest environments.

FABTECH 2019 hosts over 48,000 attendees and provides education sessions and expert-led presentations covering the latest trends and technology in metal manufacturing.

The KT Series of handheld LIBS metal analyzers provides on-the-spot identification of the most difficult alloys, including aluminum grades, with lower detection limits and the ability to analyze more alloys than traditional handheld identification methods. 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 analyzers currently available.



Rigaku Handheld LIBS spectrometer for alloy identification

Another major benefit to the user is that, because the KT Series of handheld LIBS analyzers utilizes a laser excitation source, there are 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, as evident by its MIL-STD 810G drop-test certification and IP-54 dust protection rating.

“FABTECH is the ideal event at which to showcase our metal analyzers,” said Jessica Feuer, Product Manager at Rigaku Analytical Devices. *“In addition to demonstrating how manufacturers now have the ability to provide on-site certification of verification of outgoing material, they can also confirm or reestablish chain of custody of mislabeled components.”*



For a product demonstration, or to find out more about the capabilities of the Rigaku family of KT LIBS analyzers, attendees can visit the Rigaku Analytical Devices team in booth #5005, in the South Building, Hall A at FABTECH 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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