Rigaku demonstrates Improved Handheld LIBS Capabilities for Scrap Metal Sorting at ISRI 2018

April 16, 2017, Las Vegas, NV – Rigaku Analytical Devices, a leading pioneer of handheld and portable spectroscopic analyzers, will demonstrate its newest handheld analyzer for metal alloy analysis this week at the annual exposition of the Institute of Scrap Recycling Industries (ISRI) in booth #918 in Las Vegas, NV USA. The Rigaku KT-100S laser induced breakdown spectroscopy (LIBS) handheld analyzer provides an alternative for identification of a larger number of alloys, in a truly ruggedized form factor for use in the toughest industrial environments.

The KT-100S handheld LIBS metal analyzer provides on-the-spot identification of the most difficult alloys, including aluminum grades, with better detection limits and the ability to analyzer more alloys. This includes better 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 is the ideal analytical tool for use in scrap metal yards because of its MIL-STD 810G drop-test certification and IP-54 dust protection rating.

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.

“We look forward to demonstrating the upgraded capabilities of the KT-100S analyzer this week at ISRI,” said David Mercuro, General Manager at Rigaku Analytical Devices. “Our handheld LIBS platform was specifically built for this audience and we are confident we have the solution to expand sorting capabilities to our users for an even greater profit.”

For more information on the KT-100S, please 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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