



Rigaku Analytical Devices Demonstrates Improved Handheld LIBS Capabilities for Scrap Metal Sorting at ISRI 2019

Los Angeles, CA (April 8, 2019) – Rigaku Analytical Devices ([RAD](#)), a leading pioneer of handheld and portable spectroscopic analyzers, will demonstrate its latest handheld analyzer for metal alloy analysis this week at the annual exposition of the Institute of Scrap Recycling Industries ([ISRI](#)) in booth #810 in Los Angeles, CA 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 improved detection limits and the ability to analyze more alloys. This includes ample precision for low alloy steels, stainless steels, as well as high temperature alloys and the added detection of lithium in aluminum alloys. In addition, the KT-100S analyzer is designed to be the ideal analytical tool for use in scrap metal yards because of its low cost of ownership, MIL-STD 810G drop-test certification and IP-54 protection rating.

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

"We look forward to demonstrating the advanced capabilities of the KT-100S analyzer this week at ISRI," said David Mercurio, LIBS Sales and Product Director at Rigaku Analytical Devices. Our handheld LIBS platform was specifically built for this audience and we are confident we have the solution to expand their sorting capabilities for an even greater profit."

Visitors to the booth will also benefit from the chance to win a one month free rental of the KT-100S LIBS analyzer, as well as special show pricing on new and a limited number of CPO analyzers.

More information about handheld and portable spectroscopic analyzers from Rigaku is available at www.rigaku.com/KT100S.

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