

Press Release:

Rigaku Analytical Devices Presents Latest Metal Alloy Analysis Solutions at IMTS Spark

Rigaku Analytical Devices is showcasing its handheld KT-100S LIBS analyzer for metal alloy analysis in the International Manufacturing Technology Show (IMTS) Spark Showroom

Wilmington, MA – September 21, 2020 – [Rigaku Analytical Devices](#), the market leader in handheld laser-based technology will showcase its [Rigaku KT-100S](#) handheld laser induced breakdown spectroscopy ([LIBS](#)) analyzer for metal alloy analysis, in the International Manufacturing Technology Show ([IMTS](#)) Spark Showroom, available September 21, 2020 – March 15, 2021.

IMTS Spark is a comprehensive digital platform for manufacturing professionals to access relevant technology, topics, and people. The online experience will host product videos, exhibitor showrooms, knowledge centers, conference sessions, podcasts, student experiences, and much more – connecting visitors within the largest online manufacturing technology community.

The Rigaku KT-100S 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 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.

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. Manufacturers now have the ability to provide on-site certification of verification of outgoing material, as well as confirm or reestablish chain of custody of mislabeled components.

In addition, Rigaku's U.S. distribution partner – Metals Analysis Group ([MAG](#)) - will include a special offer for IMTS Spark visitors on orders placed within the U.S. before December 31, 2020. Terms and Conditions apply. For more information, visit the [Rigaku Showroom](#) on IMTS Spark.

To register for IMTS Spark, please visit www.imts.com/spark.

For a product demonstration, or to find out more about the capabilities of the Rigaku KT-100S LIBS analyzer, visit www.rigaku.com/KT100S

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About Rigaku Analytical Devices

Rigaku Analytical Devices is a pioneer in handheld 1064nm Raman and LIBS-based technology for material analysis. With thousands of units in use around the globe, Rigaku's portfolio of handheld and portable spectroscopic analyzers offer the most versatile solution for use in public health and safety, scientific and academic study, recycling and reuse of metal alloys, and to ensure the quality of key metal alloy components in critical industries. We strive to deliver quality, reliability and engaged expertise to our customers with our advanced product and capabilities. Rigaku is dedicated to continual product development efforts to deliver mission critical enhancements to performance and functionality, while delivering reliable and cost-effective solutions for end users. Our rugged products operate on an open architecture platform and deliver unparalleled accuracy and support for rapid lab-quality results anywhere.

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