

Rigaku's Second Generation Handheld Raman Analyzer to Help Modernize the US Military's DR SKO Systems

The Rigaku ResQ CQL 1064 nm handheld Raman analyzer will be deployed globally as part of the U.S. Dismounted Reconnaissance Sets, Kits, and Outfits Program

WILMINGTON, MASSACHUSETTS, USA, June 1, 2022 /EINPresswire.com/ -- [Rigaku Analytical Devices](https://www.rigaku.com), a U.S.-based leading pioneer of handheld 1064 nm-Raman based spectrometers, is pleased to announce the [Rigaku ResQ CQL 1064 nm Raman analyzer](https://www.rigaku.com) has been accepted for chemical identification as part of the U.S. Joint Program Executive Office for Chemical, Biological, Radiological and Nuclear Defense (JPEO CBRND) Program to modernize the military's Dismounted Reconnaissance Sets, Kits and Outfits (DR SKO) systems.

The DR SKO System Modernization program deploys new and improved kits of

technology to Department of Defense (DoD) locations around the world for characterization of suspected chemical, biological, radiological, and nuclear (CBRN) hazards. Rigaku's original handheld 1064 nm Raman-based analyzer, the ResQ, was selected into this program in 2019 as part of a tech refresh program led by the DoD's JPEO-CBRND Program. Following extensive head-to-head evaluations of a variety of technologies, Rigaku's portfolio was chosen based on its accuracy, ease of use, ruggedness, and features.

“

Rigaku is at the forefront of chemical threat analysis”
Bree Allen, President of Rigaku Analytical Devices



Handheld Raman analyzers from Rigaku used for threat detection by DoD.

The Rigaku ResQ CQL analyzer was launched in 2018, and

offers users advanced analytical chemical analysis in a new, tactical form factor. Rigaku's 1064 nm Raman-based technology is in use by first responders, border protection, law enforcement, and the military located around the world for identifying chemical threats – such as explosives, chemical warfare agents (CWAs), precursor chemicals, household hazardous chemicals, narcotics, and more.



Rigaku - Providing cutting-edge X-ray solutions for 70 years.

Unique features to the Rigaku product line include 4C Technology which monitors individual results for precursors that could be used in recipes to manufacture greater threats. The optional QuickDetect Mode allows for the detection of non-visible amounts of a substance based on automated colorimetric technology available on-board the ResQ CQL. This provides both detection and identification on one device – not available on any other Raman analyzer.

“Rigaku is at the forefront of chemical threat analysis,” said Bree Allen, President of Rigaku Analytical Devices. “The ResQ CQL represents the next advancement in our product portfolio, and we are proud it will be part of the new chemical response toolkits used by our defense forces.

The ResQ CQL analyzer is supported by Rigaku's global sales and support distribution channels, offering 24/7 Reachback support, library updates and software upgrades for the life of the analyzer.

For more information on the ResQ CQL, please visit www.rigakuanalytical.com.

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