



ResQ CQL 2.0

Offering an
ENHANCED
experience for
handheld 1064 nm
Raman chemical
analysis

Novichok [A-234] 0.95



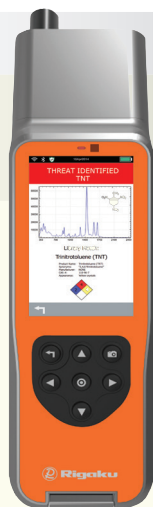
Rigaku



THE EVOLUTION OF HANDHELD 1064NM RAMAN TECHNOLOGY

The Rigaku ResQ® CQL 2.0 analyzer delivers the advanced analytical chemical identification of the original handheld 1064nm Raman, with an updated interface and algorithm enhancements - including the analysis of mixtures. Accepted as part of the U.S. Department of Defense JPEO DR SKO Program, and with thousands of units deployed globally, the ResQ CQL sets the standard for rapid identification of unknown powders, liquids, gels, and mixtures.

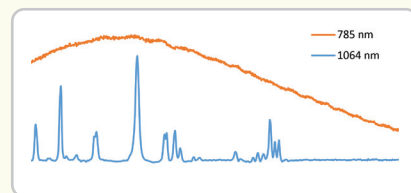
ResQ
The original



ResQ CQL
Next generation



ResQ CQL 2.0
NEW generation



THE 1064NM RAMAN ADVANTAGE

The ability to identify colored substances or through colored packaging with reduced fluorescence sample interference common to older generation handheld Raman analyzers.

SMART FEATURES

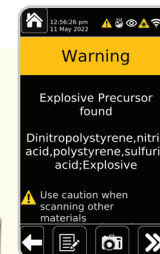
Adjustable focal position to accommodate varying sample amounts through packaging

Automatic mixture analysis of up to 5 components

LED flashlight

On-board camera for photo capture, colorimetrics analysis, or barcode scanning

4C™ Technology precursor monitoring automatically alerts operator of potential danger when individual chemicals scanned could be combined



QuickDetect™ automated colorimetrics for non-visible detection (optional)



Tamper-proof reports



WiFi / Peer-to-Peer / USB connectivity

Li-ion rechargeable or CR123A disposable batteries (optional)

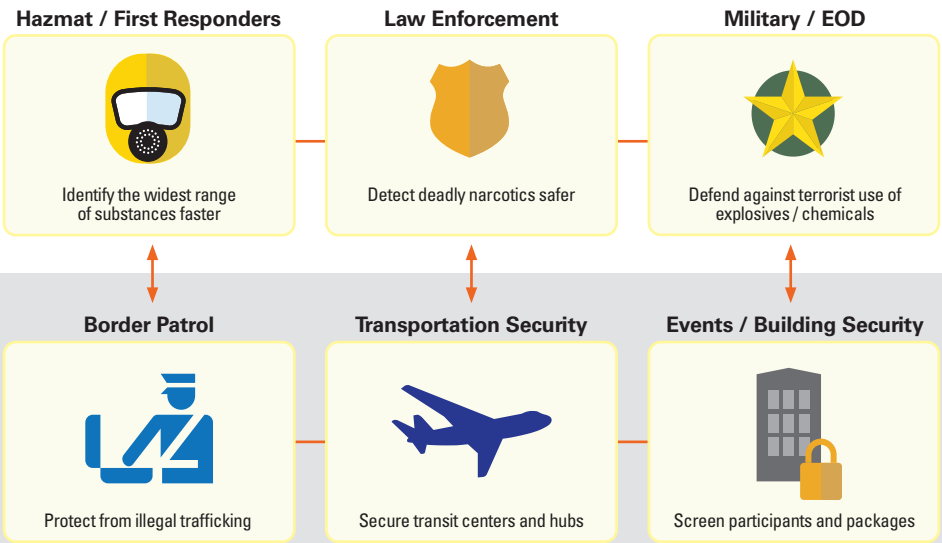
LIBRARY ENHANCEMENTS

ResQ CQL 2.0 includes a standard library of over 12,000 Raman-active chemicals with the ability to add and transfer entries.

- Narcotics / illegal drugs
- Explosives
- Chemical Warfare Agents (CWAs)
- Toxic Industrial Chemicals (TICs)
- Precursors
- Cutting Agents
- Hazardous Household Chemicals
- Pesticides
- Steroids



APPLICATION ADVANCEMENTS



INDUSTRY CERTIFICATIONS / COMPLIANCE

The ResQ CQL 2.0 goes beyond industry standards for traditional handheld Raman analysis. To ensure quality use in the field that is also an acceptable testing method, the ResQ CQL 2.0 has undergone several certifications, including:

- MIL-STD 810-G rugged
- SWGDRUG Category A for presumptive testing
- SWGDRUG Category C for confirmatory testing (*using optional QuickDetect*)
- FDA 21 CFR Part 11 traceable reports
- IP-68 decontamination
- ISO 9001:2015 certified manufacturing facility



AVAILABLE ACCESSORIES

For even more convenience, various accessories are available to fit most sampling needs. These will assist when analyzing various forms of a substance, as well as keep the user safe from a potentially hazardous material.

- Adjustable base adaptor
- Universal sample holder
- Vial holder
- Periscope adaptor
- Bottle adaptor
- QuickDetect pouch holder



LEADING WITH INNOVATION

Rigaku Analytical Devices is part of the Rigaku family of innovative analytical product lines. With over 70 years' experience in the field of complementary technologies, Rigaku is at the forefront of technological development. Our foundation was built upon the Rigaku legacy of being recognized globally for quality, reliability and expertise, resulting in high value to our customers.



PREMIUM SUPPORT PACKAGE

The ResQ CQL 2.0 is supported by our global sales and support distribution team offering 24/7 Reachback support, library updates and software upgrades – included free for the life of the analyzer.



US Department of Homeland Security
Authorized Equipment:

AEL #07ED-01-LASR & 07CD-01-DPRS

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ResQ CQL may not be available in all countries.



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