



ResQ CQL 2.0

Offering an
ENHANCED
experience for
handheld 1064 nm
Raman chemical
analysis

Novichok [A-234] 0.95



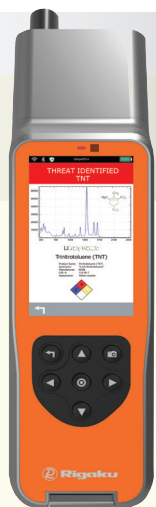
Rigaku



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 improved 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.

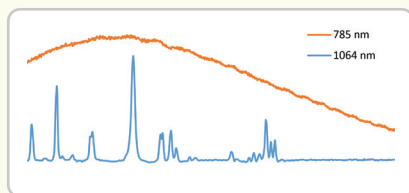
ResQ
The original



ResQ CQL
Next generation



ResQ CQL 2.0
NEW generation



THE 1064NM RAMAN ADVANTAGE

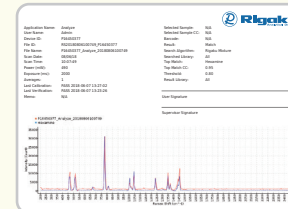
The ability to identify colored substances or through colored packaging with reduced fluorescence sample interference common to older generation handheld Raman analyzers.

SMART FEATURES

Adjustable focal position to accommodate sampling through different packaging

Automatic mixture analysis of up to 5 components

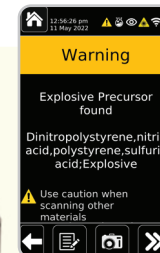
Tamper-proof reports



LED flashlight

On-board camera for imaging, 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)



WiFi / Peer-to-Peer / USB connectivity

Li-ion rechargeable or CR123A disposable batteries

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)

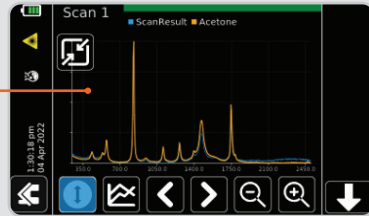
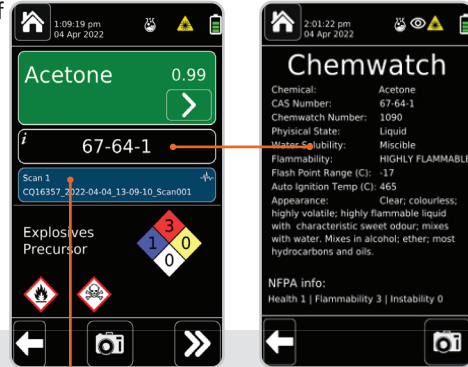
Precursors

Cutting Agents

Hazardous Household Chemicals

Pesticides

Steroids



APPLICATION ADVANCEMENTS

Hazmat / First Responders



Identify the widest range of substances faster

Law Enforcement



Detect deadly narcotics safer

Military / EOD



Defend against terrorist use of explosives / chemicals

Border Patrol



Protect from illegal trafficking

Transportation Security



Secure transit centers and hubs

Events / Building Security



Screen participants and packages



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 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.



**US Department of Homeland Security
Authorized Equipment:**

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

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ResQ is a registered trademark and 4C and QuickDetect are commercial trademarks of Rigaku Analytical Devices, Inc.
ResQ CQL may not be available in all countries.



UNSURPASSED SUPPORT

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 – free for the life of the analyzer.



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