



ResQ CQL

THE ORIGINAL
1064_{NM} RAMAN

FOR CHEMICAL IDENTIFICATION
— *REDEFINED*



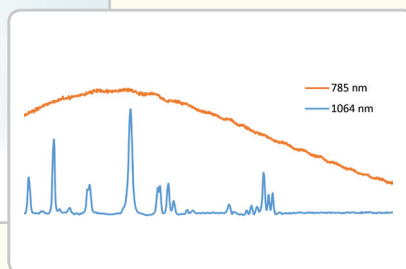
Toxic

Rigaku



THE ORIGINAL HANDHELD 1064nm RAMAN TECHNOLOGY – JUST GOT EVEN BETTER!

With the introduction of the handheld ResQ® CQL analyzer, users can experience the advanced analytical chemical identification of the 1064nm Raman advantage in a new, tactical form factor. The improved ergonomics of ResQ CQL – as well as improved sample presentation – makes it even easier to perform chemical analysis of powders, liquids, gels, and mixtures – even in non-visible amounts!



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

LED flashlight

On-board camera for imaging, colorimetrics analysis, or barcode scanning

Quick Scan button

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-PO rechargeable or CR123A disposable batteries

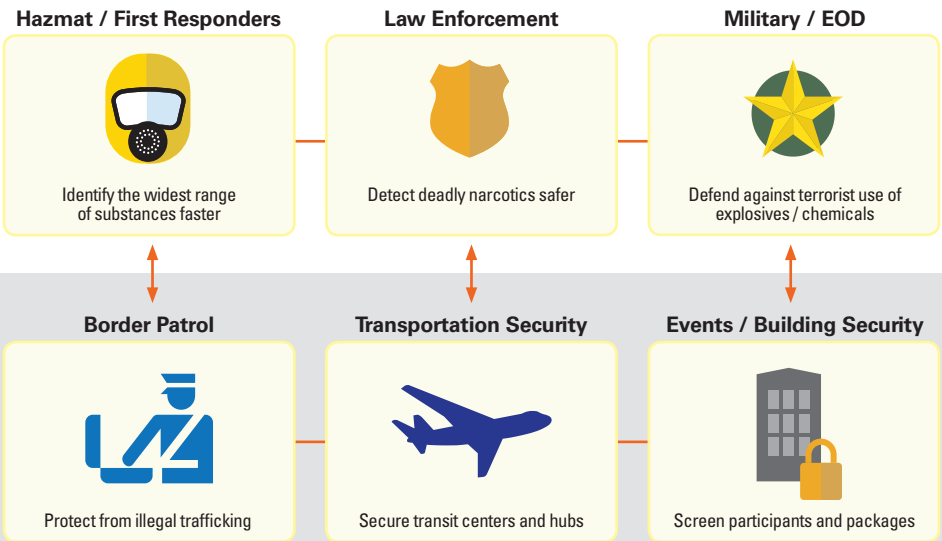
LIBRARY ENHANCEMENTS

ResQ CQL includes a standard library of over 13,000 Raman-active chemicals with the ability to upgrade, transfer, and translate entries. Included are:

- 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

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

- MIL-STD 810-G rugged
- SWGDRUG Category A for presumptive testing
- SWGDRUG Category C for confirmatory testing (with 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 nose
- Tablet adaptor
- Vial adaptor
- Periscope adaptor
- Bottle adaptor
- Sampling test stand



LEADING WITH INNOVATION

Rigaku Analytical Devices is part of the Rigaku family of innovative analytical product lines. With over 65 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 CQL may not be available in all countries.



WARNING
INVISIBLE LASER RADIATION
AVOID EXPOSURE TO BEAM
CLASS 3B LASER PRODUCT

Wavelength: 1064 nm
Output Power: < 450 mW max

Complies with FDA performance standards for laser safety products except for deviations pursuant to laser notice No. 50 dated June 24, 2007 (IEC 60825-1:2007, 2014)

UNSURPASSED SUPPORT

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



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C-02-01/2020