



**ResQ CQL**

***THE ORIGINAL***

**1064<sub>NM</sub> 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)**

**WiFi / Peer-to-Peer / USB connectivity**

**Li-PO rechargeable or CR123A disposable batteries**

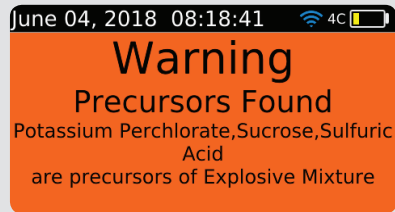
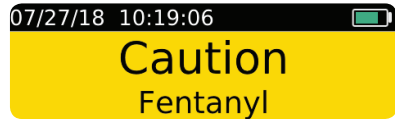
**Tamper-proof reports**

Field	Value	Field	Value
App Name	ResQ	Serial Number	NA
App Version	1.0.0	Model Number	NA
Device ID	XXXXXXXXXX	Manufacturer	NA
File Name	XXXXXXXXXX	Product Name	NA
File Size	XXXXXXXXXX	File Path	NA
File Type	XXXXXXXXXX	File Extension	NA
File Date	XXXXXXXXXX	File Modified	NA
File Time	XXXXXXXXXX	File Created	NA
File Path	XXXXXXXXXX	File Deleted	NA
File Size	XXXXXXXXXX	File Accessed	NA
File Type	XXXXXXXXXX	File Modified	NA
File Date	XXXXXXXXXX	File Created	NA
File Time	XXXXXXXXXX	File Deleted	NA
File Path	XXXXXXXXXX	File Accessed	NA

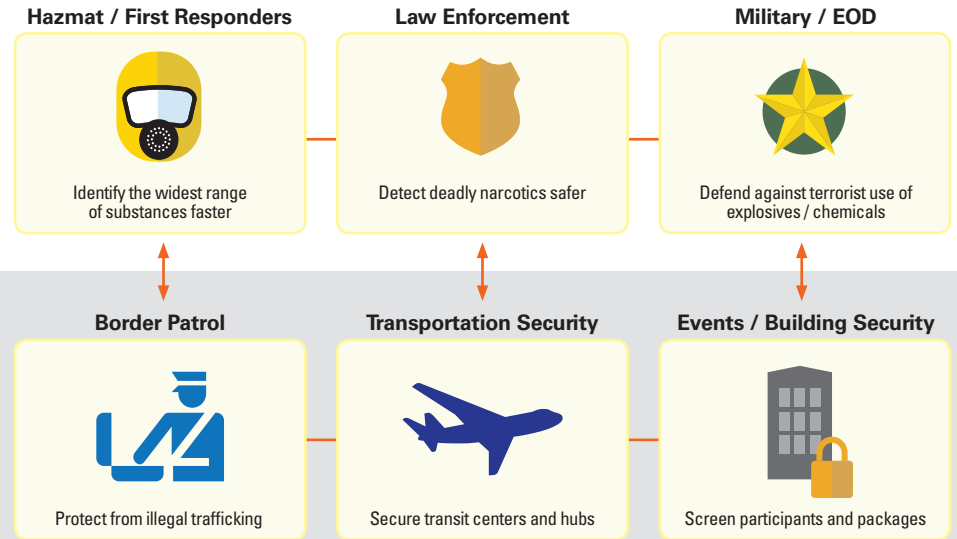
## LIBRARY ENHANCEMENTS

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

All Rigaku Analytical Devices' products are made in the USA.  
©2019 Rigaku Analytical Devices, Inc. All rights reserved. ResQ, CQL, 4C and QuickDetect are commercial trademarks of Rigaku Analytical Devices, Inc. ResQ CQL may not be available in all countries.



## 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.



**Rigaku**  
Analytical Devices

**Rigaku Analytical Devices, Inc.**  
Boston, MA

Toll Free: +1 855.785.1064

Direct: +1 781.328.1024

Email: [handhelds@rigaku.com](mailto:handhelds@rigaku.com)

[www.rigaku.com/CQL](http://www.rigaku.com/CQL)

C-02-07/2019