



CQL Max-ID

Maximize
handheld Raman
chemical threat
analysis

Novichok
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CWA

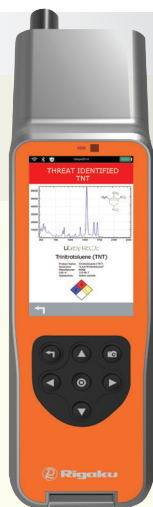


Rigaku

THE EVOLUTION OF HANDHELD 1064NM RAMAN TECHNOLOGY

The Rigaku CQL Max-ID™ 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 CQL portfolio sets the standard for rapid identification of unknown powders, liquids, gels, and mixtures.

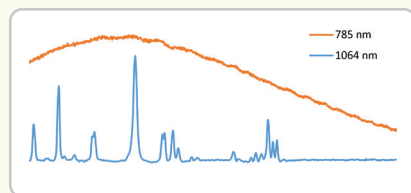
ResQ
The original



ResQ CQL
Next generation



CQL Max-ID
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

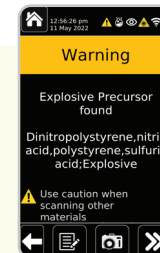
Adjustable Nose Cone allows for scanning through different thickness and types of packaging

Automatic mixture analysis of up to 5 components

LED flashlight

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

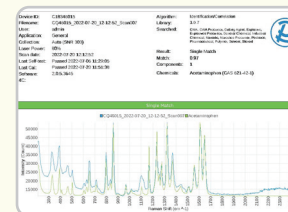
4C™ Technology precursor monitoring automatically alerts operator of potential danger when individual chemicals scanned could be combined



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



Create PDF reports



WiFi / Peer-to-Peer / USB connectivity

Li-ion rechargeable or CR123A disposable batteries (optional)

LIBRARY ENHANCEMENTS

The CQL Max-ID includes a standard library of over 13,000 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

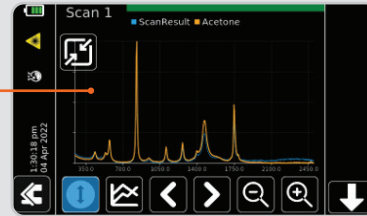
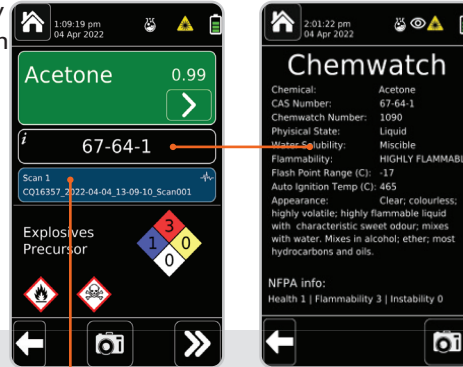
Pesticides

Pharmaceuticals

Steroids

Solvents

Polymers



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

To ensure quality use in the field that is also an acceptable testing method, the CQL Max-ID has undergone the following certifications:

MIL-STD 810-G rugged

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

Vial holder

Bottle adaptor

Universal sample holder

Periscope 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 CQL Max-ID is supported by our global sales and support distribution team offering 24/7 Reachback support, library updates and software upgrades.



US Department of Homeland Security
Authorized Equipment:
AEL #07ED-01-LASR & 07CD-01-DPRS

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