

## Product Datasheet

# CQL Narc-ID

Confident presumptive identification for the field testing of controlled substances

The Rigaku ResQ Narc-ID™ provides screening for narcotics, illicit drugs, cutting agents, or precursor chemicals in a simple and easy to use form factor. Utilising 1064 nm Raman technology, means the CQL Narc-ID can scan coloured, mixed, or dirty substances – even through coloured packaging – keeping the user safe from exposure. Certified rugged, its easy to use operating software and SenseAlert alarm screening provide a non-technical user with a simple “red / green” result of a potential harmful material in less than one minute. Integrating the CQL Narc-ID into routine drug field testing, provides an advanced, yet simple experience.



### Features and Benefits

- Identify bulk and trace levels of substances (with optional QuickDetect™).
- Ability to build and add user items with configurable library structure.
- Operate a streamlined GUI via button or touchscreen.
- Add pictorial evidence to PDF reports using on-board camera for traceability.
- Compatible with Rigaku's CommandSuite™ Fleet Management software.

# Specifications

Size	18.5 cm x 15 cm x 7.9 cm
Weight	1.7 kg
Lase Wavelength/ Max. Power	1064 nm/350mW
Spectral Resolution	~ 6 - 13 cm <sup>-1</sup>
Spectral Range	200 - 2500 cm <sup>-1</sup>
Spectrometer Type	Transmissive Volume Phase Grating
Detector	TE Cooled InGaAs - 512 pixel
Operating Temperature	-20 to 50°C Intermittent, +40°C Continuous
Battery Type	Default: 7.2 V Li-ion, 3400mAH, >5 hours
Adjustable Laser Power (Auto Mode)	5, 10, 25, 50, 75, 100%
Algorithm Type	SenseAlert™ (alarm screening)
Spectral Library Size	1100+ items
Included Libraries Contents	Cutting Agent, Narcotic, Narcotic Precursor, Pharmaceutical, Solvent, Steroid
Configurable Library Categorisation	Yes
Laser Safety Features	Laser Passcode, Scan Delay Timer, and Scan Timeout
Environmental Ruggedness	IP-68 & MIL810G
Connectivity to Desktop or Mobile Device	Waterproof USB-Type C / Wi-Fi / Peer-to-Peer
CommandSuite Fleet Management	Included on units #1 - #3. Available for purchase for higher quantities.
QuickDetect Trace Colourimetric Detection	Optional (Narcotics only)

4C™ Precursor Monitoring	Yes
Touchscreen	Yes
Adjustable Nose Cone (0 mm - 5.5 mm)	Optional
User Login Privileges	Yes
Ability to Add Materials to User Library	Yes
Create Custom Applications	Yes
On-board 5MP camera with LED flash	Yes
Polystyrene Self Test Reference Standard (Default)	Yes
Data Output Formats	.spc, .rrb, .pdf, .txt
Manufacturer Warranty	24 months
24/7/365 Reachback Support	Included under active support

Specifications are subject to change without notice.  
For the most up-to-date specifications, please visit [www.rigakuanalytical.com](http://www.rigakuanalytical.com)

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