

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. Utilizing 1064 nm Raman technology, means the CQL Narc-ID can scan colored, mixed, or dirty substances - even through colored 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, with unique features such as:

- 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



CQL Narc-ID SPECIFICATIONS

Size	18.5 cm x 15 cm x 7.9 cm (7.28 in x 5.9 in x 3.11 in)
Weight	1.7 kg (3.7 lbs)
Laser Wavelength/Max Power	1064 nm/350mW
Spectral Resolution	~6-13 cm ⁻¹
Spectral Range	200-2500 cm ⁻¹
Spectrometer Type	Transmissive Volume Phase Grating
Detector	TE cooled InGaAs - 512 pixel
Operating Temperature	-20 to 50°C Intermittent, +40°C Continuous
Battery Type	7.2 V Li-ion, 3400mAH, >5 hours
Adjustable Laser Power (Auto Mode)	5, 10, 25, 50, 75, 100%
Auto Collection Mode	●
Algorithm Type	SenseAlert™ (alarm screening)
Spectral Library Size	1100+ items
Included Library Contents	Cutting Agent, Narcotic, Narcotic Precursor, Pharmaceutical, Solvent, Steroid
Device Result Types	Alarm, Warning/Precursor, Cutting Agent/Benign, Container
Configurable Library Categorization	●
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 greater quantities.
QuickDetect Trace Colorimetric Detection	Optional (Narcotics only)
4C™ Precursor Monitoring (Narcotics only)	●
Touchscreen	●
User Login Privileges	●
Ability to Add Materials to User Library	●
Create Custom Applications	●
On-board 5MP camera with LED flash	●
Polystyrene Self Test Reference Standard (default)	●
Adjustable Nose Cone (0mm -5.5mm)	Optional
Data Output Formats	.spc, .rrb, .pdf, .txt
Manufacturer Warranty	24 months
24/7/365 Reachback Support	Included under active support

CQL Narc-ID is not ITAR-restricted, though a U.S. Department of Commerce export license may be required for some countries.



Rigaku Analytical Devices, Inc.
Boston, MA

Toll Free: +1 855.785.1064

Direct: +1 781.328.1024

Email: handhelds@rigaku.com

Web: www.rigakuanalytical.com

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