

CQL Narc-ID

Confident presumptive identification for the field testing of controlled substances.



The Rigaku CQL Narc-ID™

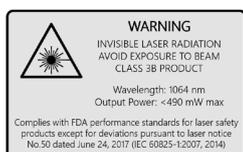
Provides screening for narcotics, illicit drugs, cutting agents, or precursor chemicals in a simple and easy to use form factor. Utilizing 1064 nm Raman technology, means the CQL Narc-ID can scan colored, mixed, or dirty substances - even through colored packaging - keeping the user safe from exposure. Certified rugged, its easy to use operating software and ChemGuard 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.

Key features:

- Identify bulk and trace levels of substances (with optional QuickDetect™)
- Add pictorial evidence using on-board camera for traceability
- Operate a streamlined GUI via button or touchscreen
- Transfer results via Wi-Fi to create a PDF report
- 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°C to 50°C Intermittent, +40°C Continuous
Battery Type	7.2 V Li-ion, 3400mAH, >5 hours
Adjustable Laser Power (Auto Mode)	10, 25, 50, 75, 100%
Auto Collection Mode	•
Scan Mode	ChemGuard™ (screener)
Spectral Library Size	1200+ items
Included Libraries	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 - #2. Available for purchase for higher quantities
QuickDetect™ Trace Colorimetric Detection	• (Optional - Narcotics Only)
4C Precursor Monitoring	•
Touchscreen	•
Adjustable Nose Cone (0mm -5.5mm)	Optional
User Login Privileges	•
Ability to Add Materials to User Library	•
Create Custom Applications	•
On-board 5MP camera with LED flash	•
Self Test Reference Standard (default)	• (Polystyrene)
Data Output Formats	.spc, .rrb, .pdf, .txt
Manufacturer Warranty	24 months
24/7/365 Reachback Support	Included under active support



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