



CQL 1064 nm Raman Product Comparison

	CQL Gen-ID	CQL Max-ID
		
Size / Weight	18.5 cm x 15 cm x 7.9 cm / 1.7 kg 7.28 in x 5.9 in x 3.11 in / 3.7 lbs	18.5 cm x 15 cm x 7.9 cm / 1.7 kg 7.28 in x 5.9 in x 3.11 in / 3.7 lbs
Excitation Wavelength	1064 nm	1064 nm
Operating Temperature	-20 to 50°C intermittent, +40°C continuous	-20 to 50°C intermittent, +40°C continuous
Battery Type	7.2 V Li-ion, 3400mAH, >5 hours	7.2 V Li-ion, 3400mAH, >5 hours
Disposable Batteries (optional)	CR123a (QTY: 6)	CR123a (QTY: 6)
Adjustable Laser Power (Auto Mode)	5, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100%	5, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100%
Algorithm Type	Identification	Identification & SenseAlert (alarm screening)
Spectral Library Size	>4,800 items	>13,000 items
Included Libraries	<ul style="list-style-type: none"> • Cutting Agent • Narcotic • Narcotic Precursor • Pharmaceutical • Solvent • Steroid • Biomolecule • Explosive • Explosive Precursor • General Chemical • General Precursor • Household Chemical • Industrial Chemical 1 • Polymer 	<ul style="list-style-type: none"> • Cutting Agent • Narcotic • Narcotic Precursor • Pharmaceutical • Solvent • Steroid • Biomolecule • Explosive • Explosive Precursor • General Chemical • General Precursor • Household Chemical • Industrial Chemical 1-4 • Polymer • CWA/CWA Precursor • TIC/TIM
Environmental Ruggedness	IP-68 & MIL810G	IP-68 & MIL810G
Connectivity	USB and Wi-Fi	USB and Wi-Fi
CommandSuite Fleet Management	●	●
QuickDetect Trace Colorimetric Detection	Optional (Narcotics & Explosives)	Optional (Narcotics & Explosives)
4C™ Precursor Monitoring	●	●
Touchscreen	●	●
Adjustable Nose Cone	●	●
User Login Privileges	●	●
Ability to Add to Library	●	●
Create Custom Applications	●	●
On-Board 5MP Camera	●	●
Manufacturer Warranty	36 months standard (extensions available)	36 months standard (extensions available)
24/7/365 Reachback Support	Included under active support	Included under active support
Software & Library Updates (under active support)	●	●

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