

Features Agilent G6420A

Collision cell ion clearance	< 1 ms
Type	Specification
Mass range	m/z 5 – 2,250
Mass resolution (autotune)	0.7 Da (Full width at half maximum)
Mass resolution (manual tune)	0.5 Da (Full width at half maximum)
Mass accuracy	0.1 Da from 5 – 1,000 m/z 0.01% from 1,000 – 2,000 m/z 0.02% from 2,000 – 2,250 m/z
Mass stability	< 0.1 Da in 24 h
Dynamic range	> 6.0 × 10 ⁶
Scan modes	MS scan, MS/MS product ion scan, MRM, MS/MS neutral loss/gain scan and precursor ion scan, SIM
Maximum scan rate	12,500 Da/s
Minimum MRM dwell time	1 ms
MRM transitions	450 per time segment, > 40,000 ion transitions per method
Dynamic MRM transitions	4,000 ion transitions per method
Triggered MRM transitions	Up to 10 MRM transitions (primary and secondary) for library search and compound confirmation
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