



UniQ DN3™

Direct Analysis Triple Quadrupole Mass Spectrometer

Real-Time Detection of VOCs & SVOCs
Accelerates Your Analysis with Speed & Sensitivity

Noorion™ (Soft Ionization Source)
Built for Direct Analysis and to be paired with GC

Compact, Fast, and Highly Sensitive Analysis - Made to be Transportable

At just 35cm x 50cm, the UniQ™ has the smallest footprint of any Triple Quad MS on the market.

QuadroCore's UniQ DN3™ Features:

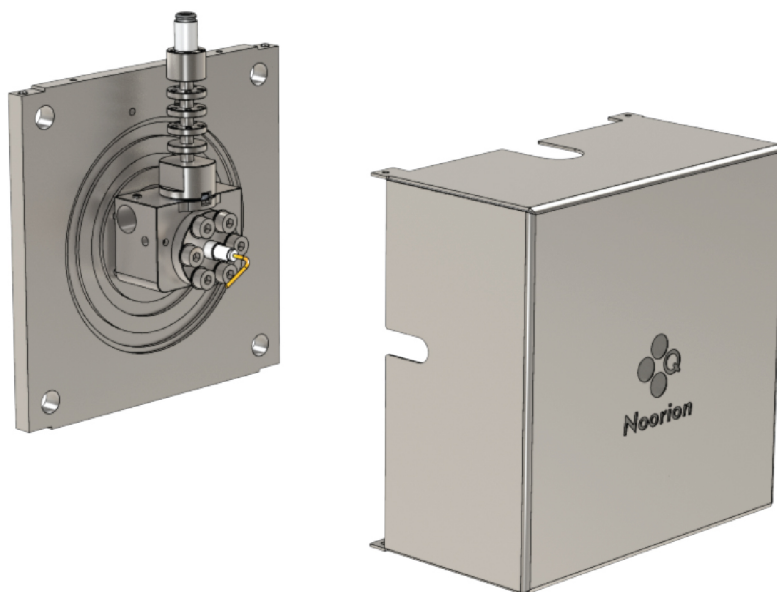
- QuadroCore's All-New Noorion™ Ionization Source Technology(Soft Ionization Source)
- QuadroCore's All-New Highly Sensitive, Robust, and Reproducible Triple Quadrupole MS/MS Core Technology
- The Option of Direct Analysis or Integration with GC
- QuadroCore's User Friendly MCore™ Software
- Remote Diagnostics and Troubleshooting with QDC Link™



Technical Specifications

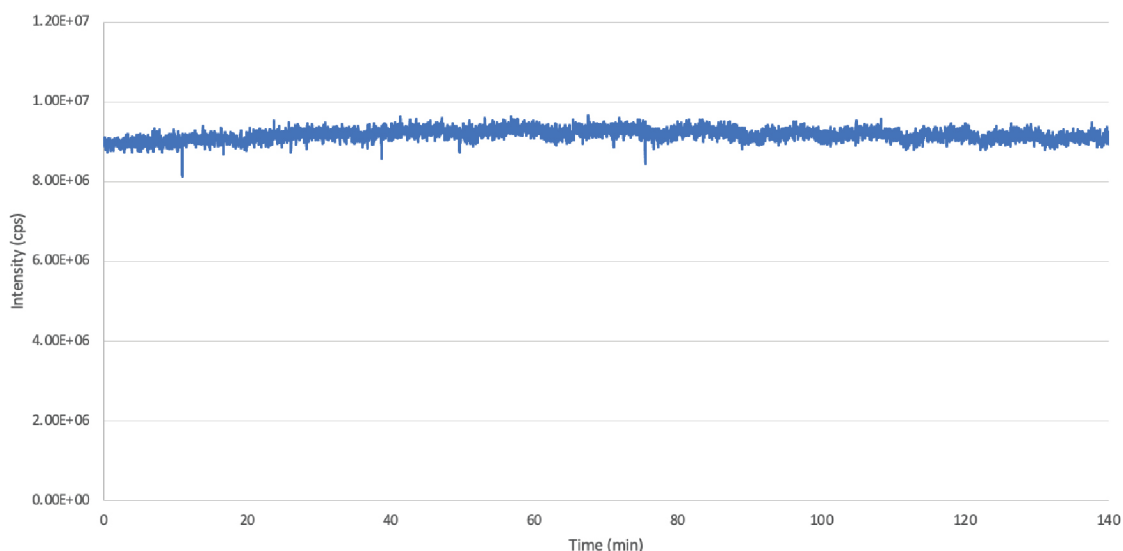
Dimensions and Weight	48cm(H) x 35cm(W) x 50cm(D), 43kg
Mass Range	m/z 5 - 600 (extended up to m/z 1000)
Scan Speed	25,000 Data Points Per Second
Polarity Switching	20 ms
Quad Resolution	0.25 - 4.0 Da
Dynamic Range	Six Orders of Magnitude
Mass Stability	0.1 amu in 24 hrs

More About the Noorion™ Soft Ionization Source



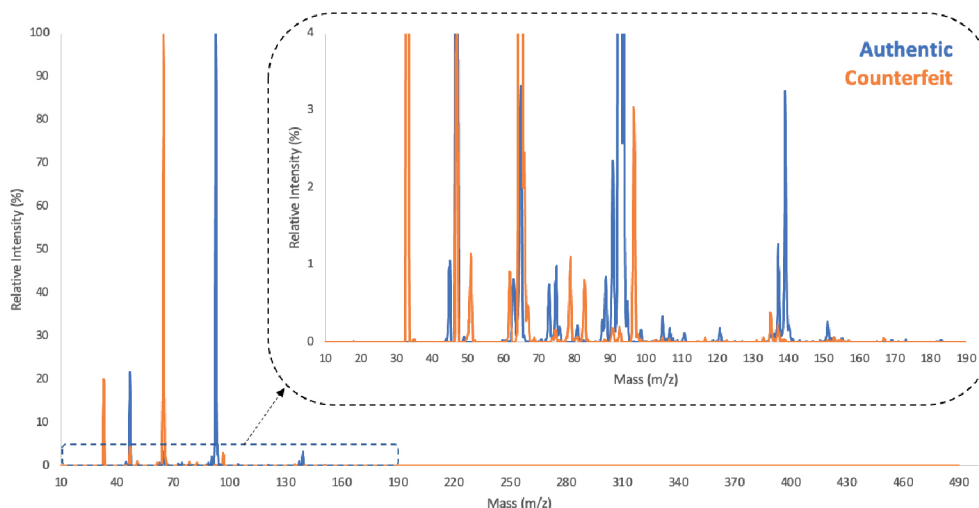
QuadroCore's All-New Noorion™ Ionization Source Represents the Next Generation of Analysis

- Efficiently ionizes a wide range of compounds with significant sensitivity and enhancement of the molecular ions
- When paired with GC, offers improved performance and wider applications over conventional GC MS
- Soft ionization improves the limit of detection by over two orders of magnitude

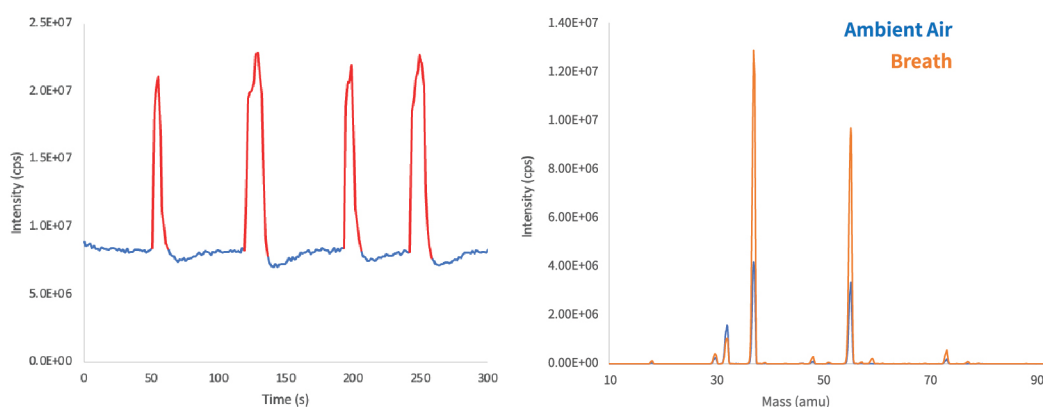


Total ion chromatogram of ambient air monitored using the UniQ DN3™. The DN3™ demonstrates excellent signal stability for a user's long-term monitoring needs.

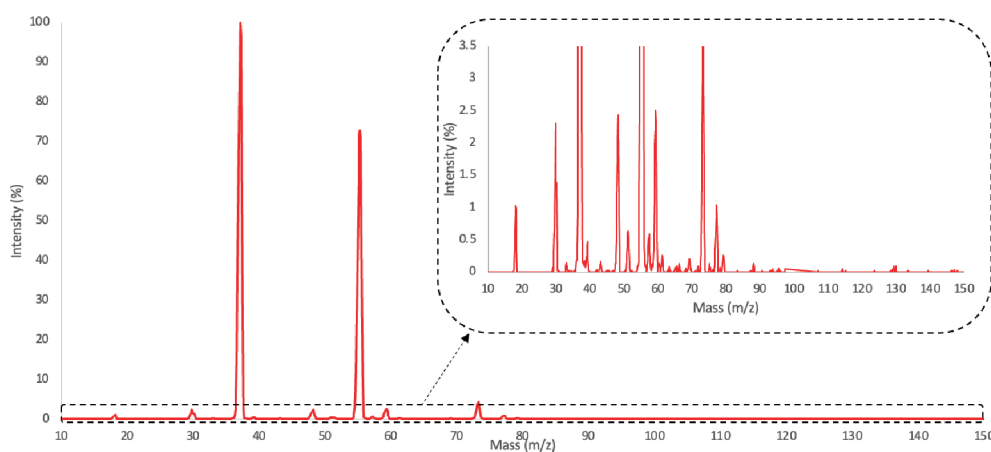
Rapid, Sensitive, and Real Time Analysis of VOC's and SVOC's



Comparing the "fingerprints" of an authentic luxury brand perfume and its counterfeit. The highly sensitive UniQ DN3™ detects even the smallest differences to ensure nothing is missed.



Raw data of single human breath exhalation collected on the UniQ DN3™ in positive mode, within the mass range of m/z 10 – 150.



"Fingerprint" of background-subtracted breath from a single exhale of human breath.

The UniQ DN3™ is designed for the rapid and highly sensitive detection of volatile compounds. Its unique soft ionization technique enables the generation of intact molecular ions, which provide clean "fingerprints" for better identification and high-throughput screening of samples, with no sample preparation. The DN3™ ensure reliable identification through fragmentation pathways of the molecular ions.