



## Next Generation GC-MS Technology is Already Here

The drive for lower analyte detection limits, increased laboratory productivity, and concerns around gas chromatography (GC) carrier gas availability and costs push the need for innovation in gas chromatography coupled with mass spectrometry (MS) technology. The next generation of GC-MS is already here!



Atmospheric Pressure Gas Chromatography (APGC™) technology offers laboratories a powerful alternative to Electron Ionization (EI) technology, enabling low limits of detection and confident compound identification and confirmation, while reducing laboratory costs, from reduced GC system maintenance and the ability to use nitrogen as an alternative carrier gas.

## Top 5 Benefits of Atmospheric Pressure Gas Chromatography Technology



## Applications on Your MS/MS Platform of Choice

- ✓ Dioxins, furans and, dioxin like PCBs (Polychlorinated Biphenyls)
- ✓ SVOCs (Semi volatile organic compounds)
- ✓ POPs (Persistent Organic Pollutants)
- ✓ Non-Targeted Screening (HRMS)
- ✓ Pesticides



## Customer Testimonials

Our customers describe the benefits of APGC technology

“

*“SGS is committed to developing solutions to better service our customers' long-term needs and we believe the Waters APGC-MS/MS instrumentation can have a significant role.”*

*“The instrument is very sensitive, so you can have the opportunity to inject less sample. That makes the GC stay clean longer and helps reduce the cost of materials.”*

*“APGC offers an attractive alternative to EI (less fragmentation) and CI (more universal). It opens new and promising perspectives in quantitative analysis and universal wide-scope screening.”*

*“Advantage to working with Waters is the people- excellent, supportive, and willing to help.”*

”

To get to know more about the key benefits of Waters GC-MS/MS solutions visit [waters.com/NextGenGCMS](https://waters.com/NextGenGCMS)