

**RELEASE****TriPlus 500 Headspace Autosampler coupled to the Thermo Scientific™ TRACE™ 1300 Gas Chromatograph*****Designed to deliver Superior Repeatability, High Data Quality, Best Reliability***

Powered by an innovative new design, the Thermo Scientific™ TriPlus™ 500 GC Headspace Autosampler helps you maximize valuable time with reliable unattended operations and optimize throughput with expanded vial capability.

This modular platform gives today's routine laboratories the productivity they need to succeed – both today and in the future.

For any testing laboratory conducting volatiles analysis, static headspace-gas chromatography, with its simplicity and broad applicability is one of the most reliable and robust techniques. When seeking highly accurate analytical results, the valve-and-loop sampling technique is a must-have. Packed with innovative features, the TriPlus 500 Headspace (HS) autosampler makes the most of daily workflows by addressing the biggest challenges facing today's laboratories doing routine volatiles determination.

***Drive reliability through innovation***

**New pneumatic circuit design** – A proprietary pneumatic circuit design and a highly precise heating control work together for an accurate sampling process, increasing the system reliability and robustness. The repeatability of the area counts is the highest in the market. This, coupled with the sample integrity maintained during the injection process, ensure the required data quality is easily achieved.

**High precision** – Innovative control of the pressure in the sampling loop during filling delivers excellent repeatability of the sample amount injected into the gas chromatograph.

**High robustness** – Efficient heating of the entire sample path greatly reduces the risk of high boiling solvents contamination, especially through the vent line, which guarantees an extended robustness of the system.

**Low carryover** – Effective purging over 5 levels of flow rates and short sample path assure minimal to no carryover. An empty blank vial analyzed after undiluted 2-butanol headspace injection shows a carryover <0.0003%.

**Find out more at [thermofisher.com/TriPlus500](http://thermofisher.com/TriPlus500)**

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Designed to deliver more

Thermo Scientific TriPlus 500 Gas Chromatography Headspace Autosampler

**ThermoFisher**  
SCIENTIFIC

**Superior repeatability.**  
**High data quality.**  
**Best reliability.**

TriPlus 500 Headspace Autosampler coupled to the Thermo Scientific™ TRACE™ 1300 Gas Chromatograph Powered by an innovative new design, the Thermo Scientific™ TriPlus™ 500 GC Headspace Autosampler delivers more of what you want, and less of what you don't. Helping you maximize valuable time with reliable unattended operations and optimize throughput with expanded vial capability, this modular platform gives today's routine laboratories the productivity they need to succeed—both today and in the future.



TriPlus 500 Headspace Autosampler coupled to the TRACE 1310 Gas Chromatograph

**VIDEO**

**WEBSITE**

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