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iConnect™ Helium Saver Split/Splitless (SSL) Injector TRACE™ 1300 and 1600 Series GC

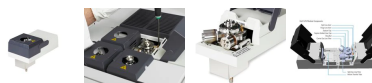
Thermo Scientific™

iConnect™ Helium Saver Split/Splitless (SSL) Injector TRACE™ 1300 and 1600 Series GC

Catalog number: 19070013

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Greatly reduce helium consumption during gas chromatography analysis with the Thermo Scientific™ iConnect™ Helium Saver Injector. This proprietary split/splitless (SSL) module only uses helium to supply carrier gas flow to the capillary column, while nitrogen is used for all other injection processes including septum purge, split, and sample vaporization. Existing methods remain unaffected because helium only flows through the column to the detector or the MS ionization source and analyzer. You can, therefore, use your existing methods, sensitivity, and capabilities. This injector is for use with all Thermo Scientific™ TRACE™ 1300 and 1600 Series GC systems.

Product Overview [Videos](#) [Documents](#)

Catalog Number	Specifications	Unit Size	Description	For Use With (Equipment)	Price (USD)
✓ 19070013	Full specifications ▼	Each	iConnect Helium Saver Split/Splitless (SSL) Injector module	TRACE 1300 and 1600 Series Gas Chromatographs; AI/AS 1310, AI/AS 1610, TriPlus 100 LS, TriPlus RSH, TriPlus RSH SMART, and TriPlus 500 HS Autosamplers	Request A Quote

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Extends helium cylinder lifetime

The helium shortage inflicts price and supply uncertainty on a laboratory's ability to perform their research and analyses. With the iConnect Helium Saver injector, one helium cylinder can last:

- 3.5 years continuously used 24/7/365 for GC-MS analysis
- 14 years when you either shut the helium off or divert to nitrogen overnight and on weekends

Reduce downtime, simplify maintenance, and enhance GC performance

iConnect injectors and detectors redefine GC and GC-MS flexibility and usability. In two minutes, without training or tools, you can change these modules to:

- Reconfigure your system for a specific workflow or method
- Perform maintenance and dramatically reduce maintenance downtime
- Switch injectors and detectors between TRACE 1300 and 1600 Series GC systems

Injectors

- [SSL Split/Splitless Injector](#)
- [SSL Backflush Injector](#)
- [PTV Injector](#)
- [PTV Backflush Injector](#)
- [GSV Injector](#)



Learn about TRACE 1300 and TRACE 1310 GC systems

Videos

	Conserve Helium, Maintain Methods, a
	Thermo Scientific Instant Connect Helio
	Innovative Modular Design of the TRAC
	An Illustrated History of Gas Chromato

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[TRACE 1300 and TRACE 1310 Gas Chromatographs – Setup User Guide \(Revision D\)](#)

Product Literature

[Application Note: Determination of Organochlorine Pesticides Using GC-MS with a Helium-conserving Injector](#)

[Application Note: Helium Conservation in Volatile Organic Compound Analysis Using U.S. EPA Method 8260C](#)

[Application Note: Optimized GC-MS Solution for Semivolatiles \(SVOC\) Analysis in Environmental Samples in Compliance with the U.S. EPA Method 8270D](#)

[Brochure: TRACE 1300 Series Gas Chromatograph – Evolve into GC 2.0](#)

[Flyer: Effective GC Solution to Reduce Helium Consumption \(CH\)](#)

[Specification Sheet: TRACE 1300 Series Gas Chromatograph](#)

Scientific Posters

[Poster: An Innovative Injector Allows Helium Carrier Gas Conservation in Analytical Gas Chromatography](#)

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