

# The collective power of chromatography

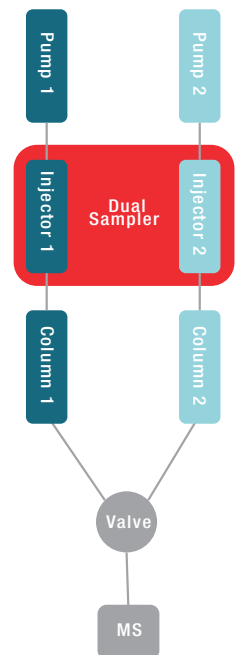


## Thermo Scientific Vanquish Duo UHPLC Systems for Dual LC-MS

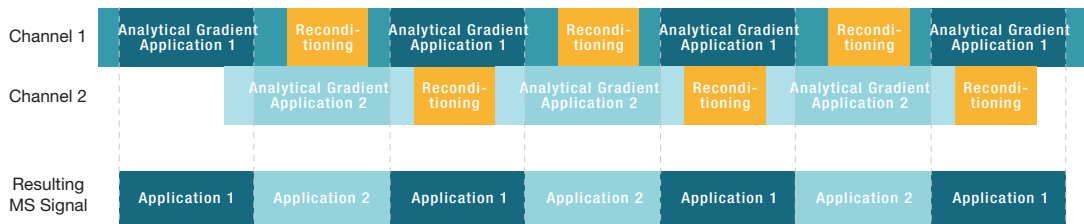
### Maximize LC-MS throughput

During gradient elution of LC-MS analysis the elution window of the compounds of interest is often only a fraction of the total run time limiting the final sample throughput. The Thermo Scientific™ Vanquish™ Duo UHPLC Systems for Dual LC-MS can double LC-MS throughput with a multi-channel LC approach that eliminates wasted time from the application.

- Double throughput without compromising data quality
- Small footprint for optimal bench space utilization
- Improves flexibility by running two different methods simultaneously
- Accelerates Return on Investment with greater MS utilization

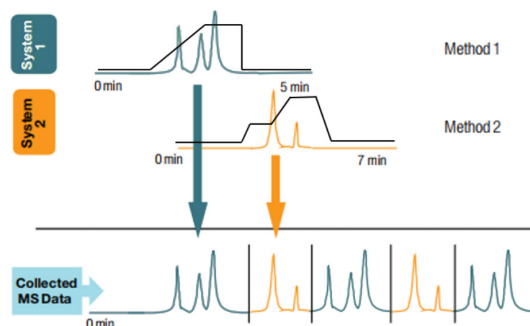


#### Multichannel LC-MS Method

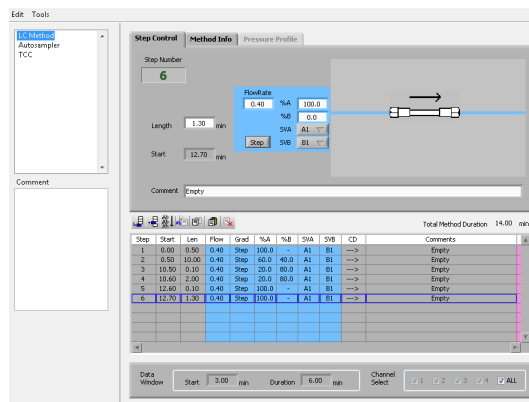


## Thermo Scientific Vanquish Duo UHPLC Systems for Dual LC-MS

The Vanquish Duo for Dual LC-MS workflow consists of two independent LC channels which can independently operate to run the separation. This combination along with the smart scheduling capability of Thermo Scientific™ Aria™ MX software results in doubled throughput without any sacrifice in data quality, sensitivity or additional bench space.



Aria MX software manages and controls all aspects of the Transcend system. It is powerful enough to schedule and manage multiple methods on multiple channels simultaneously. At the same time, it features an intuitive graphical method editing, allowing anyone to quickly develop methods and run batches of samples. Aria software is built into Thermo Scientific mass spectrometer software such as Thermo Scientific™ TraceFinder™, and Thermo Scientific™ Xcalibur™ software. It can also communicate and run with Analyst® software.



	Vanquish Flex Duo for Dual LC-MS	Vanquish Horizon Duo for Dual LC-MS	Thermo Scientific™ Transcend™ LX-2
Max. Pressure	1000 bar	1500 bar	1000 bar
Autosampler Arms	2	2	1
Injection precision	<0.25%	<0.25%	RSD < 0.5 %
Footprint (w x D)	54 x 62 cm	54 x 62 cm	142 x 82 cm
Sample Capacity	4 Plates	4 Plates	6 Plates
Vanquish Charger compatibility	Yes	Yes	No

Find out more at [thermofisher.com/vanquishduo](https://thermofisher.com/vanquishduo)